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REPORT

TSDF Closure Certification Report

Volume I of III

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

December 2000

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TECHNICAL REPORT

TSDF Closure Certification Report

Volume I of III

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1. Introduction

1.1 General

This Closure Certification Report summarizes the hazardous waste treatment, storage, and disposal facility (TSDF) closure activities that were conducted at the Niagara Mohawk Power Corporation (NMPC) North Albany Service Center in Albany, New York. The closure activities were conducted in accordance with the New York State Department of Environmental Conservation- (NYSDEC-) approved Closure Plan (Revision 4.0 - January 17, 2000) included in the 6NYCRR Part 373 Hazardous Waste Management Permit (NYSDEC Permit No. 4-0101-00114/00004-0) for the NMPC North Albany Service Center TSDF.

The TSDF closure activities were conducted to decontaminate hazardous waste storage units, equipment and appurtenances used to transfer hazardous wastes, and concrete surfaces containing polychlorinated biphenyls (PCBs) at concentrations exceeding applicable cleanup criteria. The TSDF closure activities were conducted during two separate phases of work efforts which extended between February 2000 and October 2000. The first phase consisted of implementing the TSDF closure activities presented in the TSDF Closure Plan. The second phase consisted of implementing concrete removal and restoration activities to address the results of verification/characterization sampling conducted following the initial phase of the closure activities.

This certification report has been prepared in accordance with the reporting requirements outlined in the NYSDEC-approved Closure Plan (Revision 4.0 - January 17, 2000). The purpose and organization of the Certification Report is described below, followed by a discussion of general background information relating to the TSDF closure activities.

1.2 Purpose and Organization of Report

As indicated above, the purpose of this TSDF Closure Certification Report is to provide a detailed description of the TSDF closure activities that were conducted to obtain final closure status for the North Albany Service Center TSDF as presented in the NYSDEC-approved Closure Plan (Revision 4.0 - January 17, 2000). In accordance with the requirements of 6 NYCRR Part 373-2.7(f), a Certification Statement signed by a registered professional engineer licensed in New York State is included in Section 5 of this report.

This Certification Report is organized into the following sections:

Section	Purpose
Section 1 - Introduction	Presents the purpose and organization of the Certification Report, relevant background information, and the objectives of the TSDF closure activities.
Section 2 - Initial TSDF Closure Activities	Presents a detailed description of the initial TSDF closure activities.
Section 3 - Concrete and Soil Characterization Activities	Presents a description of the additional characterization sampling which was implemented based on the results of verification sampling conducted following the initial TSDF closure activities.
Section 4 - Final TSDF Closure Activities	Presents a detailed description of the final TSDF closure activities.

Section	Purpose
Section 5 - Certification Statement	Presents a certification statement signed by a registered New York State Professional Engineer.

1.3 Background Information

This section presents relevant background information used to develop the strategy for implementing the TSDF closure activities. A brief site description is presented below, followed by a discussion of relevant background information relating to the TSDF closure activities.

1.3.1 Site Description

The geographic location of the North Albany Service Center is shown on the site location map presented on Figure 1. The general layout of the North Albany Service Center is presented on Figure 2. The North Albany Service Center is located on an approximately 25-acre parcel which consists of several buildings, parking lots, and storage areas. Buildings and primary site features which are currently present at the facility consist of the following:

- The Versaire Building (Building 1) which serves as a warehouse and crew headquarters. A hazardous materials storage building (the "Versaire Hazardous Waste Storage Shed"), which is part of the TSDF, is located along the western side of the Versaire Building;

- A three-story structure (Building 2) containing offices, meeting rooms, and maintenance shops. A Transformer Shop located on the first floor of Building 2 is used to service various electrical equipment and formerly contained a hazardous waste storage area (the "Transformer Shop Hazardous Storage Area") which was removed as part of the initial TSDF closure activities. Two hazardous waste storage cabinets (the "Flammables Storage Cabinet" and the "Corrosives Storage Cabinet"), which are part of the TSDF, are located on a loading dock at the south side of the Transformer Shop. Based on the results of verification/characterization sampling conducted following the initial TSDF closure activities, additional closure activities were also implemented in a Machine Shop and Truck Dock area located adjacent to the Transformer Shop inside Building 2;

- An aboveground, outdoor storage tank facility (the "Outdoor Tank Facility") located south of Building 2 in the area immediately outside the Transformer Shop. The outdoor storage tank facility is part of the TSDF and consists of a PCB-contaminated waste oil storage tank [Tank No. 373-1, which stores PCB-contaminated waste oil containing PCBs at concentrations ranging between 50 and 499 parts per million (ppm)], two non-hazardous waste oil storage tanks, a virgin oil storage tank, and a truck loading/unloading pad. Hazardous waste is pumped into the PCB-contaminated waste oil storage tank via a waste oil transfer pump located in the Transformer Shop or from a pipe connection located in the truck loading/unloading pad;

- An office building (Building 2-1) located at the southwestern corner of the property that was formerly used to support NMPC customer service and billing operations;

- Two storage sheds (Buildings 2-3 and 2-4) that were constructed as part of a former lumber planing business located in the southeastern section of the property;

- A vehicle maintenance building located in the northeastern portion of the property; and

- An electrical equipment and non-Resource Conservation and Recovery Act- (RCRA-) regulated waste storage building (the Transformer Storage Building) located south of Building 2.

The service center also includes an outdoor electrical substation (the Genesee Street Substation) and several acres of parking and outdoor equipment storage areas.

1.3.2 Site History

In the early 1980s, NMPC submitted a Solid Waste Management Permit Application (SWMPA) to the NYSDEC to obtain a permit for the storage of hazardous wastes at the North Albany Service Center. As a result of the SWMPA submittal, the North Albany Service Center was automatically designated as an interim status hazardous waste TSDF when the regulations contained in 6 NYCRR Parts 373-1.2(d) were promulgated in 1985. In June 1993, NMPC submitted a 6NYCRR Part 373 Hazardous Waste Management Permit Application (HWMPA) to obtain final TSDF status for hazardous waste storage areas at the North Albany Service Center. In January 1995, the NYSDEC issued a 6NYCRR Part 373 Hazardous Waste Management Permit (NYSDEC Permit No. 4-0101-00114/00004-0) which granted final TSDF status for the North Albany Service Center.

An original TSDF Closure Plan was included as Appendix F to the June 1993 HWMPA. NMPC prepared and submitted a revised Closure Plan (Revision 1 - August 27, 1999) to the NYSDEC to incorporate revised Toxic Substance and Control Act (TSCA) regulations (40 CFR Part 761) which became effective on August 28, 1998 (the PCB "Mega-Rule"). The revised Closure Plan also included provisions for the future storage of hazardous waste at the facility for periods of less than 90 days. Three subsequent TSDF Closure Plan revisions (Revisions 2, 3, and 4) were submitted to the NYSDEC to incorporate additional closure activities which were determined to be necessary based on the results of concrete sampling conducted prior to implementing the initial TSDF closure activities. The final closure activities for the North Albany Service Center TSDF were implemented in accordance with Revision 4.0 to the NYSDEC-approved Closure Plan dated January 17, 2000 as modified by a June 14, 2000 letter to the NYSDEC. Following certification of the final TSDF closure by a Licensed New York State Engineer, the facility will continue to operate as a less than 90-day hazardous waste storage facility with large quantity generator status. The most recent approved version of the Closure Plan (Revision 4.0 - January 17, 2000) and a June 14, 2000 letter to the NYSDEC which presents minor modifications to the Closure Plan are included in Appendix A.

1.3.3 TSDF Pre-Closure Sampling Activities Results

In accordance with the TSDF Closure Plan, pre-closure concrete sampling activities were conducted at the North Albany Service Center during October and November 1999 to evaluate the potential presence of PCBs in concrete containment structures associated with the TSDF (including concrete floors, walls, and bermed areas). The pre-closure sampling activities were conducted by Blasland, Bouck & Lee, Inc. (BBL) and included the following:

- Collecting pulverized concrete samples to evaluate the presence of PCBs within the floors and berm walls of the Transformer Hazardous Waste Storage Area;

- Collecting pulverized concrete samples to evaluate the presence of PCBs within the floors and walls of the Versaire Hazardous Waste Storage Shed containment areas; and

- Collecting pulverized concrete samples to evaluate the presence of PCBs within the floor and walls of the Outdoor Tank Facility truck loading/unloading pad.

Analytical results for the concrete samples collected during the pre-closure sampling activities indicated the presence of PCBs at concentrations exceeding applicable United States Environmental Protection Agency (USEPA) cleanup criteria for porous surfaces presented in 40 CFR 761.61. Regulatory criteria which were utilized for comparison with the pre-closure sampling results are presented in Table 1. An analytical sample summary which lists each

sample collected as part of the pre-closure and closure activities is presented in Table 2 (including sample identification numbers, analyses performed, sample matrix, and sample date). Analytical results obtained for the analysis of the concrete samples collected as part of the pre-closure sampling activities are listed in Table 3 and shown on Figures 3, 4, and 5. The pre-closure sampling results are summarized below.

Transformer Shop Hazardous Waste Storage Area Pre-Closure Sampling Results

Location	Number of Samples	Range of Detected PCB Concentrations (ppm)
Transformer Shop Hazardous Waste Storage Area Concrete Samples:		
Floor Within the Bermed Area	4	160 J to 4,800 J
Containment Wall	1	< 0.5

Notes:
1. < = PCBs were not detected at a concentration exceeding the indicated laboratory detection limit.
2. J = Indicates an estimated concentration.
3. Concrete sampling was conducted in accordance with the PCB sampling methods specified in 40 CFR 761 Subpart O.
4. Laboratory analysis for PCBs was conducted by Scilab Albany, Inc. (Scilab) of Latham, NY using United States Environmental Protection Agency (USEPA) SW-846 Method 8082.

As indicated in the table above, PCBs were detected in concrete samples (3-inch deep pulverized samples) collected from the Transformer Shop Hazardous Waste Storage Area floor at concentrations up to 4,800 ppm. PCBs were not detected in the containment wall sample. Analytical results for the pre-closure concrete samples collected in the Transformer Shop Hazardous Waste Storage Area are presented in Table 3 and shown on Figure 3.

Versaire Hazardous Waste Storage Shed Pre-Closure Sampling Results

Location	Number of Samples	Range of Detected PCB Concentrations (ppm)
Versaire Hazardous Waste Storage Shed Concrete Samples:		
Floor within the Northern Containment Area	3	< 0.5
Walls of Northern Containment Area	1	< 0.5
Floor within the Southern Containment Area	3	0.6 J to 1.4 J
Walls of Southern Containment Area	5	0.57 J to 274 J

Notes:
1. < = PCBs were not detected at a concentration exceeding the indicated laboratory detection limit.
2. J = Indicates an estimated concentration.
3. Concrete sampling was conducted in accordance with the PCB sampling methods specified in 40 CFR 761 Subpart O.
4. Laboratory analysis for PCBs was conducted by Scilab of Latham, NY using USEPA SW-846 Method 8082.

During the initial sampling activities in the Versaire Hazardous Waste Storage Shed, 3 concrete samples were collected from the floor within each containment area, and one concrete sample was collected from the western wall within each containment area. As indicated above, PCBs were not detected at concentrations exceeding the laboratory detection limit in any of the concrete core samples collected from the floor or wall of the Versaire Hazardous Waste Storage Shed northern containment area. PCBs were detected at estimated concentrations ranging from 0.6 ppm to 1.4 ppm in the floor samples collected from the southern containment area. PCBs were also detected in the concrete wall sample collected from the southern containment area at an estimated concentration of 84 ppm. Based on the analytical results obtained from the laboratory analysis of the concrete wall sample collected in the southern containment area, an additional concrete sample was collected from each wall of the southern containment area and submitted for laboratory analysis for PCBs. Analytical results obtained for the analysis of the additional concrete wall samples indicated the presence of PCBs at estimated concentrations ranging from 0.57 ppm to 274 ppm. Based on the guidelines outlined in 40 CFR 761.61, the concrete walls and floor of the containment areas are classified as porous surfaces in low occupancy areas. The USEPA TSCA regulations presented in 40 CFR 761.61 (a)(4)(I)(B) establish a 25 ppm cleanup criteria for porous surfaces in low occupancy areas. However, NMPC elected to utilize the more conservative 10 ppm cleanup objective for subsurface soil presented in the NYSDEC document entitled "Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels," HWM-94-4046 (TAGM 4046), dated January 24, 1994, as the cleanup criteria for concrete in restricted access areas of the TSDF. Analytical results for the pre-closure concrete samples collected in the Versaire Hazardous Waste Storage Shed are presented in Table 3 and shown on Figure 4.

Outdoor Tank Facility Pre-Closure Sampling Results

Location	Number of Samples	Range of PCB Concentrations Detected (ppm)
Outdoor Tank Facility Concrete Samples:		
Truck Loading/Unloading Pad Floor	3	< 0.5
Truck Loading/Unloading Pad Walls	1	< 0.5

Notes:
1. < = PCBs were not detected at a concentration exceeding the indicated laboratory detection limit.
2. Concrete sampling was conducted in accordance with the PCB sampling methods specified in 40 CFR 761 Subpart O.
3. Laboratory analysis for PCBs was conducted by Scilab using USEPA SW-846 Method 8082.

As indicated in the table above, none of the concrete core samples collected from the Outdoor Tank Facility contained PCBs at concentrations exceeding laboratory detection limits. Analytical results for the pre-closure concrete samples collected for the Outdoor Tank facility are presented in Table 3 and shown on Figure 5.

1.4 Regulatory Criteria/Guidance

This subsection presents applicable regulatory criteria/guidance which was used to establish the TSDF closure objectives. The following regulatory requirements were identified as potentially applicable to the TSDF closure activities:

Regulation	Topic
40 CFR 260-267 (RCRA)	USEPA Hazardous Waste Management Regulations
40 CFR 761 (TSCA)	USEPA regulations for Handling, Treatment, Storage, Transportation, and Disposal of PCB-Containing Materials
29 CFR 1910 and 1926	Occupational Safety and Health Administration (OSHA) Regulations
6NYCRR Part 364	New York State Waste Transporter Regulations
6NYCRR Part 371	New York State Regulations for Identification and Listing of Hazardous Wastes
6NYCRR Part 372	New York State Hazardous Waste Manifest System and Related Standards for Generators, Transporters, and Disposal Facilities
6NYCRR Part 376	New York State Land Disposal Restrictions

Potentially applicable guidance which was used to further clarify appropriate objectives for the TSDF closure activities at the North Albany Service Center include the following:

- The hazardous waste identification guidelines presented in the NYSDEC document entitled "Technical and Administrative Guidance Memorandum (TAGM): 'Contained-In' Criteria for Environmental Media," HWM-92-3028 (TAGM 3028), dated November 30, 1992;

- Soil cleanup objectives presented in the NYSDEC document entitled "Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels," HWM-94-4046 (TAGM 4046), dated January 24, 1994;

- Underwriters Laboratories Standard UL 142 tank integrity inspection guidelines which were utilized to evaluate whether the PCB-contaminated oil storage tank was suitable for continued use; and

- New York Ambient Water quality standards and guidance values presented in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) document entitled "Ambient Water Quality Standards and Guidance Values and Ground-Water Effluent Limitations," (TOGS 1.1.1) dated June 1998.

USEPA/NYSDEC regulations and guidelines which were determined to be applicable to PCB-impacted concrete structures identified by the TSDF closure activities are discussed below.

Toxic Substance Control Act - PCBs Regulations (40 CFR Part 761)

In accordance with 40 CFR 761 (which includes the Mega-Rule provisions promulgated during August 1998), the concrete floor structures of the Transformer Shop, the Outdoor Tank Facility, the Versaire Hazardous Waste Storage Shed, the Truck Dock, and the Machine Shop are classified as porous surfaces. With the exception of the Versaire Hazardous Waste Storage Shed containment areas and the Truck Dock floor slab and walls, the concrete structures are classified as high occupancy (i.e., unrestricted access) areas based on the typical time per year NMPC workers may spend within the areas. The USEPA regulations present specific requirements for the continued use of PCB-

containing porous surfaces and for the removal of PCB-impacted concrete. As outlined in 40 CFR 761.30(p), a porous surface impacted by a spill containing PCBs at concentrations exceeding 50 ppm may be utilized for the remainder of its useful life ('continued use') provided that the source of PCBs is removed, the surface is cleaned, the surface is coated with two layers of solvent resistant and water repellant coating, and the coated surface is properly labeled. However, any future changes in the site or removal of the concrete can only be conducted in accordance with the PCB remediation waste disposal requirements presented in 40 CFR 761.61(a)(4)(I). In accordance with the PCB remedial waste disposal requirements, PCB-impacted porous surfaces in high occupancy areas shall be removed to levels less than or equal to 1 ppm (without further conditions) or to a level less than or equal to 10 ppm when a concrete cap with a minimum thickness of 6 inches is applied in conjunction with implementing a deed notification to inform prospective buyers of the presence of residual PCBs. In accordance with the USEPA cleanup criteria for PCBs in low occupancy (i.e., restricted access) areas [as outlined in 40 CFR 761.61(a)(4)(I)(B)], a 25 ppm cleanup level is applicable for concrete surfaces in the Versaire Hazardous Waste Storage Shed containment areas and in the concrete floor slab and walls of the recessed Truck Dock. However as previously discussed, NMPC utilized the more conservative 10 ppm cleanup objective for subsurface soil presented in NYSDEC TAGM 4046 as the cleanup criteria for concrete in restricted access areas of the TSDF.

Technical and Administrative Guidance Memorandum: 'Contained-In' Criteria for Environmental Media, Memorandum 3028 (TAGM 3028), dated November 30 , 1992.

NYSDEC TAGM 3028 presents the "contained-in" policy for residual hazardous waste within environmental media. The minimum cleanup criteria presented in TAGM 3028 must be met in order to preclude management of the PCB-impacted concrete as a hazardous waste. In accordance with TAGM 3028, the PCB cleanup requirements in 40 CFR 761 and the recommended NYSDEC cleanup criteria presented in TAGM 4046 are the most applicable cleanup criteria for the TSDF closure activities at the North Albany Service Center.

1.5 TSDF Closure Objectives

The main objective of the TSDF closure activities was to obtain final closure status for the North Albany Service Center TSDF. Based on the applicable criteria listed above, the pre-closure sampling results, and the TSDF Closure Plan (Revision 4.0 - January 2000), specific TSDF closure objectives included the following:

- Removing and disposing of the TSDF hazardous waste inventory present at the time of closure;

- Decontaminating waste storage and handling areas (including containment areas in the Versaire Building and the truck loading/unloading pad), waste handling equipment (including the oil transfer pump and the associated piping), and the PCB-contaminated oil storage tank (Tank No. 373-01). Following closure of the TSDF, the North Albany Service Center will operate as a less-than-90 day hazardous waste storage facility with large quantity generator status; and

- Addressing PCBs identified in concrete within the Transformer Shop, Versaire Hazardous Waste Storage Shed, Truck Dock area, and Machine Shop (as identified by the pre-TSDF closure sampling activities and subsequent verification/characterization sampling conducted in connection with the closure activities).

The action limits utilized for PCBs, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and inorganic constituents during the TSDF closure activities are listed in Table 1. The action limits for VOCs, SVOCs, and inorganic constituents were applied to rinse water generated by cleaning activities conducted as part of the TSDF closure (i.e., to verify the effectiveness of cleaning activities). The 10 ppm PCB action limit for porous surfaces located in restricted access areas was applied to the recessed containment areas in the Versaire Hazardous Waste Storage Shed, the concrete floor and walls of the Truck Dock area, and soil underlying the

concrete floor slab in the Transformer Shop. The 1 ppm PCB action limit for porous surfaces in high occupancy areas was utilized for concrete surfaces inside the Transformer Shop, Outdoor Tank Facility, Versaire Hazardous Waste Storage Shed, and Machine Shop.

2. Initial TSDF Closure Activities

2.1 General

This section presents a task-by-task description of the initial TSDF closure activities that were conducted to achieve permanent closure of the hazardous waste storage units located at the NMPC North Albany Service Center. The initial TSDF closure activities included the following:

- Mobilization/Site Preparation;
- Removal of PCB-impacted concrete and soil from the Transformer Shop Hazardous Waste Storage Area;
- Cleaning PCB transfer equipment within the Transformer Shop;
- Cleaning the PCB-impacted oil storage tank system;
- Cleaning the Truck Loading/Unloading Pad for the Outdoor Tank facility;
- Cleaning the Flammables Storage Cabinet and the Corrosives Storage Cabinet;
- Removing PCB-Impacted concrete from the Versaire Hazardous Waste Storage Shed;
- Cleaning the Versaire Hazardous Waste Storage Shed;
- Restoring the concrete removal areas in the Versaire Hazardous Waste Storage Shed;
- Applying a chemically-resistant floor coating system in the Versaire Hazardous Waste Storage Shed; and
- Cleaning PCB transfer equipment within the Versaire Hazardous Waste Storage Shed.

Prior to implementing the TSDF closure activities at the North Albany Service Center, hazardous waste that was present at the site was transported off-site for disposal by NMPC in accordance with applicable regulations. NMPC retained AAA Environmental, Inc. (AAA) to implement the TSDF closure activities based on competitive bidding. The TSDF closure activities conducted by AAA were documented by an on-site observer from BBL. Daily field reports prepared by BBL's on-site observer are included in Appendix B.

As part of the initial TSDF closure activities, BBL collected PCB wipe samples, rinsate samples, and concrete core samples to confirm that the TSDF closure objectives were attained for specific closure activities. Analytical results for final verification samples collected in connection with the initial TSDF closure activities were reviewed by BBL's data validation staff. Data validation reports for verification samples collected as part of the initial TSDF closure activities are presented in Volumes II & III of this TSDF Closure Certification Report. A discussion of mobilization/site preparation activities is presented below, followed by a detailed description of the closure activities implemented in the Transformer Shop Hazardous Waste Storage Area, the Outdoor Tank Facility, and the Versaire Hazardous Waste Storage Shed.

2.2 Mobilization

Prior to beginning the initial TSDF closure activities, AAA completed the following mobilization and site preparation activities:

- Preparing a Site Management Plan, a Site-Specific Health and Safety Plan (HASP), an Emergency Preparedness and Contingency Plan, and a Decontamination Plan for work to be completed in connection with the closure activities;

- Mobilizing personnel, equipment, materials, and supplies to the site. Equipment which was utilized during the initial TSDF closure activities included a vacuum truck, skid steer ("bobcat"), pressure washer, generator, compressor, jackhammer, polyethylene storage tanks, road and demolition saws, scissors lift, forklift, backhoe, rotary hammer drill, and various hand and power tools;

- Constructing remediation support areas including staging areas, on-site storage areas, a temporary negative air pressure enclosure, and a temporary equipment and material decontamination area; and

- Installing temporary access controls to restrict access of unauthorized persons to the work area (i.e., appropriate signs and caution tape, etc.).

2.3 Transformer Shop

Initial TSDF closure activities conducted within the Transformer Shop consisted of removing concrete and soil within the Transformer Shop Hazardous Waste Storage Area and cleaning equipment located in the Transformer Shop which had been used to handle PCB materials. A detailed description of the initial TSDF closure activities conducted within the Transformer Shop is presented in the subsections below.

2.3.1 Transformer Shop Hazardous Waste Storage Area Concrete Floor Removal

The Transformer Shop Hazardous Waste Storage Area consisted of an approximately 300 square foot (ft^2) bermed area with a 6-inch thick concrete pad that was poured over the existing 6-inch thick Transformer Shop floor slab. The Hazardous Waste Storage Area was surrounded by an approximately 12-inch high, 10-inch thick concrete berm that provided secondary containment. Access to the Hazardous Waste Storage Area was restricted by an approximately 6-foot chain link fence that extended from the top of the berm surrounding the area. Based on the laboratory analytical results for the pre-closure concrete samples collected from the Hazardous Waste Storage Area, the entire thickness of the concrete floor (12 inches) within the berm was removed for off-site disposal as a TSCA-regulated waste. In addition, approximately 6 inches of soil was removed from beneath the concrete slab for off-site disposal as a TSCA-regulated waste. Based on the pre-closure sampling results, NMPC did not originally anticipate that the concrete berms would require removal as part of the TSDF closure activities. Limits of concrete removal in the Transformer Shop Hazardous Waste Storage Area during the initial TSDF closure activities are shown on Figure 6. The concrete removal activities are described in the subsections below.

Dust Control Measures

Prior to implementing concrete removal activities, AAA constructed a temporary dust enclosure around the proposed concrete floor removal area. The enclosure was constructed of polyethylene sheeting and wood. A negative air pressure environment was created inside the dust enclosure using blowers vented to the outside of the Transformer Shop through High Efficiency Particulate Air (HEPA) filtration units. The negative pressure environment was created to minimize the migration of concrete dust/debris outside of the enclosure during the concrete floor removal activities.

Concrete Removal

Following construction of the temporary dust enclosure around the Transformer Shop Hazardous Waste Storage Area, concrete floor removal activities were initiated. The concrete floor was saw cut to full depth (approximately 12 inches) around the perimeter of the Hazardous Waste Storage Area inside of the concrete berms using a concrete road saw. During the concrete cutting activities, the saw blade was continuously wetted with water to minimize dust generation. Washwater was collected with a wet vacuum and containerized in 55-gallon drums prior to being transferred to a polyethylene storage tank for off-site disposal.

Following saw cutting activities, the concrete floor was demolished into 12- to 24-inch pieces using pneumatic jack hammers. Water was applied to the chisel head of the jack hammer during the demolition activities to reduce the generation of dust. The demolished pieces of concrete floor were hand loaded within the dust enclosure into the bucket of a Bobcat front-end loader and then transferred to lined rolloff waste containers staged outside of the Transformer Shop. During transport between the Hazardous Waste Storage Area and the rolloff waste containers, the bobcat bucket was covered with polyethylene sheeting to minimize the loss of demolished concrete debris.

Upon completion of the concrete floor removal activities, 6 inches of underlying soil beneath the concrete slab was excavated and placed in lined rolloff waste containers staged outside of the Transformer Shop. During transport between the Hazardous Waste Storage Area and the rolloff containers, the bobcat bucket was covered with polyethylene sheeting to minimize the loss of excavated soil.

Air Monitoring

During the floor removal activities, ambient air samples were collected within the worker breathing zone inside the enclosure, and from areas outside of the enclosure, in order to monitor airborne PCB and silica levels generated by the closure activities. The samples were collected over a 4.5-hour sampling period for samples NM-AIR-1 and NM-AIR-2 (analyzed for PCBs) and over a 7 hour period for air samples NM-AIR-4 and NM-AIR-5 (analyzed for silica). The air monitoring samples were submitted to Galson Laboratories, Inc. (Galson) for analysis using National Institute for Occupational Safety and Health (NIOSH) Methods. The air monitoring results were converted to an 8-hour time weighted average (TWA) basis for comparison with Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs). PCBs were not detected at concentrations exceeding laboratory detection limits in either of the air samples collected during the initial TSDF closure activities. PELs were calculated for airborne dust concentrations based on the percentage of silica found in the air samples. Based on the analytical results, ambient dust levels within the enclosure during the work activities exceeded the OSHA PEL (dust concentration of 1.3 mg/m^3 with a PEL of 0.41 mg/m^3). During the concrete removal activities, workers in the enclosure utilized NIOSH-certified air purifying respirators and Level C personal protective equipment (PPE). Dust concentrations outside of the enclosure did not exceed laboratory detection limits. Air monitoring results are presented in Table 4.

Verification Sampling

Following concrete removal, four pulverized concrete verification samples were collected for PCB analysis at the limits of the concrete floor removal activities. One verification concrete sample was collected from the 6-inch thick concrete Transformer Shop floor slab below each of the four berm walls that surrounded the Hazardous Waste Storage Area to determine if PCBs were present at concentrations exceeding the 1 ppm cleanup objective for porous surfaces in high occupancy areas. The concrete verification sampling locations are shown on Figure 6. Verification soil samples were also collected following the removal of underlying soil beneath the concrete floor within the Hazardous Waste Storage Area to determine if PCBs were present at concentrations exceeding the 10 ppm cleanup objective for subsurface soil. Three verification soil samples were collected at locations which were evenly distributed across the Transformer Shop Hazardous Waste Storage Area (sampling locations are shown on Figure 6).

Laboratory analytical results for the initial verification concrete samples indicated that PCBs were present in two of samples (NM-TSHWA-VC3 and NM-TSHWA-VC4) at concentrations exceeding the 1 ppm PCB cleanup criteria for porous materials in unrestricted access areas (PCBs were detected at a concentration of 2.2 ppm in both samples). Based on the results of the initial verification concrete samples, two additional concrete samples were collected outside of the Hazardous Waste Storage Area berm wall (at locations that were as close as reasonably accessible to the verification concrete samples exhibiting elevated PCB concentrations) and submitted for laboratory analysis for PCBs. Laboratory analytical results for the additional verification concrete samples (NM-TSHWA-VC5 and NM-TSHWA-VC6) indicated the presence of PCBs at concentrations of 4.5 ppm and 80 ppm (respectively). Based on the analytical results obtained for the analysis of the concrete samples collected outside of the bermed Hazardous Waste Storage Area, NMPC elected to further characterize the presence of PCBs within the Transformer Shop concrete floor (as discussed in detail in Section 3 of this Closure Certification Report). Pending the additional characterization activities, the concrete floor removal area was covered with polyethylene sheeting. The concrete berm wall cleaning activities described in the Closure Plan were not necessary because the berm walls were demolished as part of the additional concrete floor removal activities as discussed in detail in Section 4 of this

Closure Certification Report. The additional floor Analytical results for the verification soil samples indicated that PCBs were not detected in soil at the limits of the soil removal activities at concentrations exceeding the 10 ppm cleanup objective. Verification concrete and soil sampling results are listed in Tables 5 and 6 (respectively) and shown on Figure 6.

2.3.2 Decontamination of Transformer Shop Transfer Equipment

Decontamination activities were conducted for equipment located in the Transformer Shop that was used to handle PCB-containing materials. The specific equipment that was cleaned included a hydraulic drum crusher and an overhead crane. Both pieces of equipment were cleaned using a triple wash/rinse procedure which consisted of scrubbing the equipment three times with an industrial cleaner/degreaser (Bio-Might 100). Following each scrubbing, the equipment was thoroughly rinsed with potable water using a high-pressure spray. The rinsate from the cleaning activities was collected and placed in a polyethylene tank prior to off-site disposal.

On March 29, 2000, BBL collected verification wipe samples from the surfaces of the hydraulic drum crusher and the overhead crane hook. One verification wipe sample was collected from the overhead crane hook (NM-TSTE-VW1) and two samples were collected from the hydraulic drum crusher (NM-TSTE-VW2 and NM-TSTE-VW3 from the base and top of the drum crusher, respectively). The verification wipe samples were submitted for laboratory analysis for PCBs. Analytical results for the laboratory analysis of the wipe samples are summarized in Table 7. Analytical results indicated that PCBs were not detected in the wipe samples at concentrations exceeding the decontamination standard of 10 $\mu g/100\ cm^2$ for unrestricted use of non-porous surfaces as presented in 40 CFR 761.79(b)(3)(I)(A).

2.4 Outdoor Tank Facility

The TSDF closure activities implemented for the Outdoor Tank Facility included the following:

- Decontaminating the PCB-contaminated oil storage tank, associated pumps and appurtenances, and the secondary containment basin; and

- Cleaning the Outdoor Tank Facility Truck Loading/Unloading Pad.

A detailed description of the TSDF closure activities conducted for the PCB-contaminated oil storage tank and the truck loading/unloading pad are presented below.

2.4.1 PCB-Contaminated Oil Storage Tank System

The TSDF closure activities for the PCB-contaminated oil storage tank system consisted of cleaning the 10,000-gallon PCB-contaminated oil storage tank (Tank 373-01) and the containment basin surrounding the tank as well as cleaning oil pumps, piping, and appurtenances associated with the PCB-contaminated oil storage tank. The PCB-contaminated oil storage tank cleaning activities were conducted in accordance with the PCB decontamination requirements presented in 40 CFR 761.79. Following completion of the tank cleaning activities, the storage tank was inspected by Quality Inspection Services, Inc. (QIS) (in accordance with the American Petroleum Institute Standard 653) to determine whether the tank were in adequate structural condition for continued use. A copy of QIS's Tank Inspection Report for the PCB-contaminated waste oil storage tank is included as Appendix C. The decontamination and inspection activities conducted for the oil storage tank and associated equipment are described below.

Initial Oil and Sediment Removal

Prior to the tank decontamination activities, an NMPC waste disposal vendor removed the PCB-contaminated oil inventory from the tank and transported the oil for off-site disposal as a hazardous waste (waste code B002). The tank was then vented and the interior atmosphere was tested for flammable/explosive vapors with a four gas lower explosive limit (LEL) meter. Following venting activities, AAA conducted confined space entry into the tank and removed approximately 500 pounds of oily sediment from the bottom of the tank. The material was placed in a 55-gallon drum for disposal as a TSCA-regulated hazardous waste at the Chemical Waste Management (CWM) landfill in Model City, New York.

Pump and Associated Piping Cleaning

After completing the initial oil and debris removal from the PCB-contaminated oil storage tank, AAA cleaned the surfaces of waste oil transfer pumps (located in the Transformer Shop), the pipe couplings located at the Truck Loading/Unloading Pad, and associated drip pans. AAA also flushed the pump and piping that was used to transfer waste oil to and from the PCB-contaminated oil storage tank. Cleaning and flushing activities consisted of the following:

- Cleaning the outside of three oil transfer pumps (including the PCB-contaminated waste oil pump) and associated drip pans located in the Transformer Shop;
- Flushing the PCB-contaminated waste oil pump and piping which was used to transfer waste oil containing PCBs at concentrations greater than 50 ppm between the Transformer Shop and the PCB-contaminated oil storage tank located in the Outdoor Tank Facility. The PCB-contaminated waste oil pump and piping were flushed using 800 gallons of virgin mineral oil (in which PCBs are readily soluble);
- Cleaning the outside of the four pipe couplings and associated drip pans located at the Truck Loading/Unloading Pad; and
- Flushing the pipe that was used to transfer PCB-contaminated waste oil between trucks within the Truck Loading/Unloading Pad and the PCB-contaminated oil storage tank (using 200 gallons of virgin mineral oil).

AAA cleaned the surfaces of each of the pumps, pipe couplings, and drip pans using the triple wash and rinse procedure. The surfaces of the pumps, couplings, and drip pans were soaked with an industrial cleanser (i.e., Bio-Might 100), scrubbed with brushes, and rinsed with hot water using a pressure washer. This process was repeated three times until there were no visible traces of debris or staining on the surfaces of the drip pans. The solid decontamination materials (e.g., cleaning brushes, rags, etc.) were placed into 55-gallon drums for appropriate off-site disposal. The pump and sections of piping used in the transfer of PCB-contaminated waste oil were flushed, and the mineral oil was removed from the PCB-contaminated tank using a vacuum truck and transferred into appropriate containers for potential reuse. After the cleaning activities were completed, a total of six verification wipe samples were collected from the pumps and drip pans (NM-TSPUMP-VW1 through NM-TSPUMP-VW4 and NM-PUMPAN-VW1 and NM-PUMPAN-VW2) and submitted for laboratory analysis for PCBs. Analytical results obtained for the laboratory analysis of the wipe samples are summarized in Table 7.

Analytical results indicated that PCBs were present at an estimated concentration of 3 $\mu g/cm^2$ in wipe sample NM-TSPUMP-VW1 (collected from the exterior surface of the PCB-contaminated waste oil pump located in the Transformer Shop). The detected PCB concentration for wipe sample NM-TSPUMP-VW-1 does not exceed the decontamination standard of 10 $\mu g/100\ cm^2$ for unrestricted use of non-porous surfaces as presented in 40 CFR

761.79(b)(3)(I)(A). PCBs were not detected in any of the other verification wipe samples collected from the pumps and drip pans.

PCB-Contaminated Oil-Storage Tank Cleaning

After flushing the pumps and associated piping, the PCB-contaminated oil storage tank was flushed three times with mineral oil. AAA used a minimum mineral oil volume of ten percent of the storage tank capacity for each tank flushing (approximately 1,000 gallons). Mineral oil was sprayed into the tank via a manway hatch located at the top of the tank (with solvent contacting the sides and top of the tank to the extent possible). Following each flushing cycle, the solvent was removed from the tank using a vacuum truck and field tested with a Clor-N-Oil test kit to determine if the PCB concentration in the oil exceeded 50 ppm. Based on the results of field testing (which indicated that PCBs were not present in the mineral oil at concentrations exceeding 50 ppm following each tank flushing) the solvent was reused for all three flushing cycles.

Following the tank flushing activities, AAA conducted confined space entry into the tank to remove residual sludge and solid material that had collected on the bottom of the storage tank (to the extent possible) using squeegees and other mechanical means. Prior to conducting the confined space entry, the atmosphere inside the tank was tested using a four-gas meter. After removing residual sludge and solid material, the inside of the storage tank was rinsed with hot water and steam, cleaned with an industrial cleaner/degreaser (i.e., Bio-Might 100), and then rinsed again with hot water and steam. After cleaning the inside of the storage tank, AAA cleaned the exterior of the tank using an industrial cleaner/degreaser. Waste materials and residue generated by the tank cleaning activities were collected and placed in appropriate containers for transportation and off-site disposal.

After the cleaning activities were completed, a total of three verification wipe samples were collected from the interior surfaces of the tank (NM-37301-VW1 through NM-37301-VW3) and four verification wipe samples were collected from the exterior surfaces of the tank (NM-E37301-VW1 through NM-E37301-VW4). Analytical results for the laboratory analysis of the wipe samples are summarized in Table 7. PCBs were not detected at concentrations exceeding laboratory detection limits in any of the verification wipe samples collected from the interior or exterior tank surfaces.

Secondary Containment Basin Cleaning

Following completion of the PCB-contaminated oil storage tank cleaning activities, the interior surfaces of the metal secondary containment basin that surrounds the tank were cleaned in accordance with the TSDF Closure Plan using a triple wash and rinse procedure. Cleaning activities consisted of covering the entire surface of the interior floor and walls of the secondary containment basin with an industrial cleaner/degreaser (i.e., Bio-Might 100) and scrubbing the surfaces with brushes. After scrubbing the floor and wall surfaces, the containment area was rinsed with hot water using a pressure washer. This process was repeated three times until there were no visible traces of debris or staining on the surfaces of the containment basin. Solid decontamination materials (including cleaning brushes, rags, etc.) were placed into 55-gallon drums for appropriate off-site disposal. Liquid decontamination materials (washwater) were removed using a vacuum truck and transferred into a polyethylene tank for appropriate off-site disposal.

After the cleaning activities were completed, a total of three verification wipe samples were collected from the interior surfaces of the secondary containment basin (NM-373SCT-VW1 through NM-373SCT-VW3). Analytical results for the laboratory analysis of the wipe samples are summarized in Table 7. Analytical results indicated that PCBs were not detected at concentrations exceeding the laboratory detection limits in any of the verification wipe samples collected from the interior surfaces of the secondary containment basin.

PCB-Contaminated Oil Storage Tank Inspection

Following completion of the PCB-contaminated oil storage tank cleaning activities, the tank was inspected by an American Petroleum Institute- (API-) certified inspector from QIS. The tank inspection consisted of visually inspecting the tank's interior/exterior surfaces for cracks, deformations, leaks, etc., and conducting ultrasonic testing to measure the thickness and the variability in thickness of the tank walls. As summarized in the tank inspection report included as Appendix C, QIS concluded that the tank was fit for continued use as an oil storage tank based on Underwriters Laboratory Standard UL 142. NMPC currently plans to utilize the tank for the future storage of non-hazardous waste oil.

2.4.2 Truck Loading/Unloading Pad

The concrete Truck Loading/Unloading Pad adjacent to the Outdoor Tank Facility was also cleaned using the triple wash and rinse procedure outlined in the TSDF Closure Plan. Decontamination activities consisted of scrubbing the entire truck pad three times with an industrial cleaner/degreaser (Bio-Might 100) and thoroughly rinsing the pad between each cleaning cycle with potable water using a high-pressure spray. The rinsate from the cleaning activities was collected and placed in a polyethylene tank prior to disposal.

Following cleaning, verification rinse samples were collected to confirm that the surface of the truck pad had been thoroughly cleaned. Two verification rinsate samples (NM-OTFTP-VR1 and NM-OTFTP-VR2) were collected using the sampling method described above for the Flammables and Corrosives Storage Cabinets. The rinsate samples were submitted for laboratory analysis for PCBs, VOCs, SVOCs, and RCRA metals. Analytical results for the laboratory analysis of the rinsate samples are summarized in Table 8. Analytical results indicate that PCBs, SVOCs, and RCRA metals were not detected at concentrations exceeding laboratory detection limits in either of the rinsate samples. 2-Butanone and chloroform were detected at concentrations of 20 parts per billion (ppb) and an estimated concentration of 1 ppb (respectively) in rinsate sample NM-OTFTP-VR1 and carbon disulfide was detected at a concentration of 12 ppb in rinsate sample NM-OTFTP-VR2. Class GA ambient water quality standards and guidance values presented in TOGS 1.1.1 for 2-Butanone and chloroform are 50 ppb and 7 ppb (respectively). Class GA Standards and Guidance Values are appropriate for the protection of groundwater as a source for drinking water. No Class GA water quality standard or guidance value is currently available for carbon disulfide.

2.5 Flammables Storage Cabinet and Corrosives Storage Cabinet

Decontamination activities were conducted for the interior and exterior surfaces of the Flammables Storage Cabinet and Corrosives Storage Cabinet located on the loading dock outside the Transformer Shop. The interior and exterior surfaces of the cabinets were cleaned three times with an industrial cleaner/degreaser (Bio-Might 100). Following each cleaning cycle, the cabinets were thoroughly rinsed with potable water using a high-pressure spray. The rinsate from the cleaning activities was collected and placed in a polyethylene tank for off site disposal.

Following cleaning, verification rinsate samples were collected from the interior surfaces of the Flammables and Corrosives Storage Cabinets to confirm that the surfaces had been sufficiently decontaminated. Verification rinsate samples were collected by pouring distilled water on the interior surfaces of the cabinets and collecting the runoff into a sample jar using a pipette. One verification rinsate sample was collected from the Flammables Storage Cabinet (NM-OTFFC-VR1) and submitted for laboratory analysis for VOCs and one rinsate sample was collected from the Corrosives Storage Cabinet (NM-OTFCC-VR1) and submitted for laboratory analysis for pH. Analytical results obtained for the laboratory analysis of the rinsate samples are listed in Table 8. Analytical results indicated that VOCs were not detected in the rinsate sample from the Flammable Storage Cabinet at concentrations exceeding laboratory detection limits. The pH of the rinsate sample from the Corrosives Storage Cabinet was 5.3 standard units (S.U.).

Versaire Hazardous Waste Storage Shed

The Versaire Hazardous Waste Storage Shed contains two approximately 300 square foot recessed containment areas (referred to as the northern and southern containment areas). The containment areas are covered with metal grates supported by steel I-beams placed in the bottom of the containment areas. The concrete surfaces of the containment areas are coated with a solvent resistant, water repellant epoxy floor coating. As discussed in Subsection 1.3.3, pre-closure concrete characterization results indicated that PCBs were not present in the northern containment area at concentrations exceeding laboratory detection limits. However, PCBs were detected in concrete samples collected from the western recessed sidewall of the southern containment area at concentrations exceeding the 10 ppm cleanup criteria for restricted access areas. TSDF closure activities for the Versaire Hazardous Waste Storage Shed included removing and restoring a portion of the western berm wall of the southern containment area, applying a new two-layer contrasting color, solvent resistant, water repellant epoxy floor coating within the southern containment area, and decontaminating the northern containment area. A detailed description of the TSDF closure activities for in the Versaire Hazardous Waste Storage Shed are presented in the subsections below.

2.5.1 Southern Containment Area Berm Wall Removal

Prior to conducting concrete removal activities, AAA constructed a temporary dust enclosure around the southern containment area. The enclosure was constructed by placing polyethylene sheeting over wires which were strung across the building support beams. The enclosure was vented to the outside of the building through an existing ventilation fan mounted in the wall of the storage shed. During the concrete removal activities, workers were equipped with NIOSH-certified air purifying respirators and Level C PPE.

The western concrete berm wall in the southern storage area was saw cut approximately 9-inches deep (from the upper floor surface) and 3-inches laterally (into the existing vertical face of the recessed containment area wall) along the entire length of the wall using a self-wetting concrete road saw. As saw cutting of the concrete wall progressed, the washwater was collected with a wet vacuum and containerized in 55-gallon drums for off site disposal. After the saw cutting activities were complete, the concrete wall debris was broken into manageable pieces and containerized for off-site disposal. A total of approximately 1.6 cubic feet of concrete was removed from the western berm wall. The approximate extent of concrete removal from the Versaire Hazardous Waste Storage Shed is shown on Figure 7.

Following removal of concrete from the western recessed wall, verification concrete samples were collected to confirm that PCBs did not remain in the concrete wall at concentrations exceeding the 10 ppm cleanup objective. Four verification concrete samples (NM-VBSW-VC1 through NM-VBSW-VC4) were collected by drilling multiple holes approximately 3-inches deep into the exposed concrete face using a one-inch diameter pulverizing hammer drill bit. The verification concrete samples were submitted for laboratory analysis for PCBs. Analytical results obtained for the laboratory analysis of the verification concrete samples are summarized in Table 5 and shown on Figure 7. Analytical results for the laboratory analysis of the verification samples indicated that PCBs were detected in two of the four verification samples at concentrations up to an estimated 0.55 ppm. PCBs were not detected in any of the samples at concentrations exceeding the 10 ppm cleanup objective.

2.5.2 Southern Containment Area Berm Wall Restoration

After verifying that concrete at the western containment wall did not contain PCBs at concentrations exceeding applicable cleanup objectives, the wall was restored to pre-existing conditions. Prior to pouring the concrete, the exposed face of the western containment wall was given a rough finish using a jack hammer to allow for greater adherence for the new concrete. Temporary wooden form work was installed to help re-establish the pre-existing shape of the recessed containment wall. In addition, a bonding agent was applied to the exposed face of the existing

concrete and steel dowels were installed in the face of the wall to help reinforce the restored section of the containment wall. The new concrete wall segment was then poured to restore the wall to its pre-existing conditions.

2.5.3 Northern Containment Area Decontamination

Following the concrete removal in the southern storage area, the northern containment area was cleaned using the triple wash and rinse procedure outlined in the TSDF Closure Plan. Cleaning activities consisted of scrubbing the entire containment area three times with an industrial cleaner/degreaser (Bio-Might 100) and thoroughly rinsing the pad between each cleaning with potable water using a high-pressure spray. Solid decontamination materials (including cleaning mops, rags, washwater, etc.) were placed into 55-gallon drums for appropriate off-site disposal. Rinsate from the cleaning activities was collected and placed in a polyethylene tank for transportation and off-site disposal. Following the cleaning activities, a verification rinsate sample (NM-VHSEA-VR1) was collected by pouring distilled water on the concrete surface and collecting the runoff into a sample container using a pipette. The verification rinsate sample was submitted to Galson for laboratory analysis for PCBs, VOCs, SVOCs, and RCRA metals. Analytical results obtained for the laboratory analysis of the rinsate sample are presented in Table 8. Analytical results indicate that SVOCs and RCRA metals were not detected in the rinsate sample at an estimated concentration exceeding laboratory detection limits. PCBs were detected in a field duplicate rinsate sample collected from the northern contaminant area at an estimated concentration of 0.04 ppb. In addition, acetone was detected in the verification rinse sample at an estimated concentration of 10 ppb and methylene chloride was detected at an estimated concentration of 3 ppb (and at an estimated concentration of 2 ppb in a field duplicate sample collected from the same location). The detected concentrations of PCBs, acetone, and methylene chloride do not exceed the NYSDEC Groundwater Standards presented in TOGS 1.1.1.

2.5.4 Application of a New Floor Coating System within the Southern Containment Area

After allowing the restored section of the western recessed containment wall to cure for 28 days, a new two-layer contrasting color, solvent resistant, water repellant epoxy floor coating system was applied to the interior surface of the southern containment area. In order to properly apply the new epoxy floor coating system, the surface of the concrete was prepared in accordance with the floor coating manufacturer's specifications. Floor preparation consisted of sand blasting the southern containment area (using Black Beauty® coal slag) in order to remove the previous floor coating system and provide a rough surface to which the new floor coating could adhere. The dust and debris created by the sand blasting activities was containerized in 55-gallon drums for off-site disposal. After removing the pre-existing floor coating system and scarifying the surface of the containment area, a verification rinsate sample (NM-VHSWA-VR1) was collected by pouring distilled water on the scarified concrete surface and collecting the runoff into a sample container using a pipette. The verification rinsate sample was submitted to Galson for laboratory analysis for PCBs, VOCs, SVOCs, and RCRA metals. Analytical results obtained for the laboratory analysis of the rinsate sample are summarized in Table 8. Analytical results indicate that VOCs, SVOCs, and RCRA metals were not detected in the rinsate sample at concentrations exceeding laboratory detection limits. PCBs were detected in the rinsate sample at an estimated concentration of 0.025 ppb. The detected PCB concentration does not exceed the NYSDEC Groundwater Standard presented in TOGS 1.1.1. Following floor preparation and receipt of the laboratory results indicating that chemical constituents were not present in the verification rinsate sample at concentrations exceeding applicable cleanup criteria, the new floor coating system (Sika® 90N) was applied in accordance with manufacturer specifications.

2.5.5 Decontamination of Waste Handling Equipment in Versaire Hazardous Waste Storage Shed

Equipment located in the Versaire Hazardous Waste Storage Shed that was used to handle PCB-containing materials (including hand tools, hoses, pipe couplings, a fork lift, and a drum hand truck) was decontaminated as part of the TSDF closure activities. The equipment was cleaned using a triple wash/rinse procedure that consisted of scrubbing

the equipment three times with an industrial cleaner/degreaser (Bio-Might 100). Following each scrubbing, the equipment was thoroughly rinsed with potable water using a high-pressure spray. The rinsate from the cleaning activities was collected and placed in a polyethylene tank prior to off-site disposal.

On February 9, 2000, BBL collected verification wipe samples from the surfaces of the decontaminated forklift and drum hand truck. Two verification wipe samples were collected from the fork lift (NM-VBTE-VW1 and NM-VBTE-VW2 from the blade and operator deck, respectively) and one sample was collected from the drum hand truck (NM-VBTE-VW3). The verification wipe samples were submitted for laboratory analysis for PCBs. Analytical results obtained for the laboratory analysis of the wipe samples are summarized in Table 7. Analytical results indicate that PCBs were not detected in the wipe samples at concentrations exceeding the 10 $\mu g/100\ cm^2$ decontamination standard for unrestricted use of non-porous surfaces as presented in 40 CFR 761.79(b)(3)(I)(A).

3. Concrete and Soil Characterization

3.1 General

As discussed in Subsection 2.3.1, analytical results obtained for the laboratory analysis of verification concrete samples collected from the Transformer Shop floor slab (outside of the bermed Transformer Shop Hazardous Waste Storage Area) following the initial TSDF closure activities indicated the presence of PCBs at concentrations exceeding the 1 ppm cleanup criteria for porous materials in an unrestricted access area. Based on the presence of PCBs in the concrete floor outside of the bermed Hazardous Waste Storage Area, additional concrete core samples were collected to characterize the extent of PCBs within the Transformer Shop floor slab. Sampling activities were conducted during several site visits in order to complete the delineation of PCBs in concrete at concentrations exceeding 1 ppm. Based on the analytical results obtained for the Transformer Shop floor slab samples, additional sampling activities were also implemented to delineate the extent of PCBs within concrete surfaces in a Machine Shop and Truck Dock area adjacent to the Transformer Shop. In addition, soil borings were completed to evaluate the geotechnical properties of the soil beneath the Transformer Shop and Truck Dock floor slabs and to facilitate collection of soil samples to determine if PCBs were present in soil beneath the concrete floor slab. A discussion of the concrete and soil sampling activities is presented below, followed by a summary of the results.

3.2 Concrete and Soil Characterization Sampling

The concrete and soil characterization sampling activities in the Transformer Shop, Machine Shop, and Truck Dock area were conducted during several sampling visits between February 2000 and April 2000 and included the following:

- Collecting pulverized concrete samples to delineate the extent of PCBs in the Transformer Shop floor;
- Collecting pulverized concrete samples to evaluate the presence/extent of PCBs within the floor and walls of the Truck Dock;
- Collecting pulverized concrete samples to evaluate the presence/extent of PCBs within the floor of the Machine Shop;
- Collecting depth-integrated concrete samples at one location on the Truck Dock wall and one location on the Machine Shop floor to obtain information on PCB concentrations at various depth intervals within concrete surfaces (for the purpose of evaluating potential concrete removal options);
- Collecting samples of soil underlying the concrete floor slab within the Transformer Shop and the Truck Dock to evaluate geotechnical properties and determine the presence/absence of PCBs; and
- Collecting one composite concrete sample from the floor of a garage area located adjacent to the Machine Shop to delineate the extent of PCBs in the concrete floor in the doorway between the Machine Shop and the garage area.

Analytical results obtained for the laboratory analysis of the characterization samples indicated the presence of PCBs in concrete surfaces in the Transformer Shop and Truck Dock area at concentrations exceeding the 1 ppm cleanup objective for porous surfaces in unrestricted access areas. PCBs were also detected in the characterization samples collected from the Truck Dock area at concentrations exceeding the 10 ppm cleanup objective for porous surfaces located in restricted access areas. Analytical results did not indicate the presence of PCBs in soil beneath the floor slab in the Transformer Shop or Truck Dock area at concentrations exceeding applicable cleanup criteria. An analytical sample summary which includes sample identification numbers, analyses performed, sample matrix, and sample date is presented in Table 2. Analytical results obtained for the laboratory analysis of concrete and soil

samples collected as part of the characterization sampling activities are listed in Tables 9 and 10 and shown on Figure 8 and 9 (respectively). The concrete and soil characterization results are summarized below.

Location	Number of Samples	Range of PCB Concentrations Detected (ppm)
Transformer Shop		
Concrete Floor Samples	48	<0.5 - 110
Soil Beneath Floor Slab	3	<0.6
Truck Dock		
Concrete Floor Samples	5	7.3 - 77
Concrete Wall Samples	8	<0.5 - 75
Depth Integrated Wall Sample	3	4.3 - 52
Soil Beneath Floor Slab	1	1.0
Machine Shop		
Concrete Floor Samples	10	<0.5 - 31
Depth Integrated Floor Sample	3	1.2 - 26

Notes:
1. Depth integrated samples were collected as discrete samples from depths of 0-1", 1-2", and 2-3" from the top (or face) of the concrete surface (3 depth integrated samples were collected from one sampling location on the Truck Dock wall and 3 depth integrated samples were collected from one sampling location on the Machine Shop floor).
2. < = PCBs were not detected at a concentration exceeding the indicated laboratory detection limit.
3. Cleanup criteria is 1 ppm for concrete within the Transformer Shop and Machine Shop and 10 ppm for concrete within the Truck Dock and soil beneath the Transformer Shop and Truck Dock floor slab.

Based on the analytical results obtained for the analysis of the concrete characterization samples (and the locations where the samples were collected), the limits of concrete structures containing PCBs at concentrations exceeding applicable cleanup criteria were successfully delineated. Based on the analytical results, additional concrete and soil removal activities were conducted in the Transformer Shop, the Machine Shop, and the Truck Dock area to achieve final closure for the North Albany Service Center TSDF. The additional TSDF concrete and soil removal closure activities included the following:

Location	Removal Activity
Transformer Shop	• Removing the concrete floor slab; • Removing an above-grade concrete block wall located between the Transformer Shop and the southern end of the Truck Dock; and • Excavating approximately 1 foot of subgrade material underlying the floor slab (conducted to enhance the structural stability of the restored floor slab).

Location	Removal Activity
Truck Dock	• Removing the concrete floor slab; • Removing a portion of the concrete wall; • Excavating the railroad tracks and wooden ties beneath the floor slab; and • Excavating approximately 24 inches of subgrade material from beneath the floor slab (conducted to enhance the structural stability of the restored floor slab).
Machine Shop	• Scarifying the concrete floor; and • Removing a portion of the concrete floor to the full depth.

The concrete and soil removal/restoration activities that were implemented in the Transformer Shop, the Machine Shop, and the Truck Dock area are detailed in Section 4.0 of this Certification Report.

4. Concrete and Soil Removal/Restoration Activities

4.1 General

This section presents a task-by-task description of the concrete and soil removal/restoration activities that were conducted to address the results of the characterization sampling summarized in Section 3.0 of this document. The concrete and soil removal/restoration activities included the following:

- Mobilization/Site Preparation;
- Removal of PCB-impacted concrete and soil from the Transformer Shop;
- Removal of PCB-impacted concrete and soil from the Truck Dock;
- Scarification/removal of PCB-impacted concrete from the Machine Shop;
- Transformer Shop floor restoration;
- Truck Dock floor and wall restoration;
- Machine Shop floor restoration; and
- Disposal of waste generated by the TSDF closure activities (including the initial TSDF closure activities and the concrete and soil removal/restoration activities).

The concrete and soil removal/restoration activities were conducted by AAA and were observed and documented by an on-site observer from BBL. Daily field reports prepared by BBL's on-site observer are included in Appendix B. A discussion of mobilization/site preparation activities is presented below, followed by a detailed description of the concrete and soil removal/restoration activities implemented in the Transformer Shop, Truck Dock, and Machine Shop.

4.2 Mobilization/Site Preparation

Prior to initiating the concrete and soil removal/restoration activities, AAA completed the following mobilization and site preparation activities:

- Revising the existing Site Management Plan, HASP, Emergency Preparedness and Contingency Plan, and Decontamination Plan which were used for the initial TSDF closure activities.

- Remobilizing personnel, equipment, materials, and supplies to the site. Equipment that was utilized during the concrete and soil removal/restoration activities included a vacuum truck, bobcat, front-end loader, excavator, forklift, scissors lift, pressure washer, generator, compressor, jackhammer, polyethylene storage tanks, road and demolition saws, and various hand and power tools;

- Constructing remediation support areas including staging areas, on-site storage areas, a temporary negative air pressure enclosure, a soil dewatering pad, and a temporary equipment and material decontamination area; and

- Installing temporary access controls to restrict access of unauthorized persons to the work area (i.e., appropriate signs and caution tape, etc.).

4.3 Concrete and Soil Removal

Following completion of mobilization/site preparation activities, concrete and soil removal activities were implemented in the Transformer Shop, Machine Shop, and Truck Dock. The extent of the concrete removal activities is shown on Figure 10. The concrete and soil removal activities conducted within the Transformer Shop, Machine Shop, and Truck Dock area are summarized below.

4.3.1 Transformer Shop Concrete and Soil Removal

Based on the results of the characterization sampling summarized in Section 3.0 of this document, the Transformer Shop floor slab and approximately 12 inches of subgrade material underlying the floor slab were removed. The Transformer Shop floor consisted of a 6-inch concrete slab on grade (with the exception of an office area which had an additional 10-inch concrete floor pad poured on top of the existing pad). As discussed in Subsection 2.3.1, the floor within the Transformer Shop Hazardous Waste Storage Area was removed during the initial TSDF closure activities. However, the berm walls surrounding the Hazardous Waste Storage Area remained intact. Based on the analytical results obtained for the laboratory analysis of the concrete characterization samples (which indicated that the majority of the Transformer Shop floor contained PCBs at concentrations exceeding the 1 ppm cleanup criteria), NMPC elected to remove the entire Transformer Shop floor. The limits of the concrete floor removal in the Transformer Shop are shown on Figure 10. The concrete removal activities are described in the subsections below.

Dust Control Measures

Prior to implementing the concrete and soil removal activities, AAA constructed a temporary dust enclosure around the removal area to minimize the migration of concrete dust/debris. The enclosure was constructed of polyethylene sheeting, wood, and steel cables which were secured to the structural steel members of the Transformer Shop to support the top of the polyethylene dust enclosure. The dust enclosure also surrounded the Truck Dock area and portions of the Machine Shop where additional concrete and soil removal activities were conducted. A negative air pressure environment was created inside the dust enclosure using blowers vented to the outside of the Transformer Shop through HEPA air filtration units. In addition, an air lock was constructed at the overhead door in the Truck Dock using polyethylene sheeting to allow access of equipment while minimizing migration of dust outside of the work area during the concrete/soil removal activities.

Concrete/Soil Removal

Following construction of the temporary dust enclosure, concrete floor removal activities were initiated. For the purposes of the TSDF closure activities, portions of the concrete floor which contained PCBs at concentrations exceeding 10 ppm were designated for disposal as TSCA-regulated material and portions of the floor which contained PCBs at concentrations less than 10 ppm were disposed of as non-TSCA regulated waste. The boundary between TSCA and non-TSCA floor removal areas was determined based on the available data obtained from the laboratry analysis of concrete floor samples (as discussed in Section 3.0). The TSCA/non-TSCA boundary was formed by taking the approximate midpoint between the concrete floor sampling locations where PCBs were detected at concentrations exceeding 10 ppm and sampling locations where PCBs were not detected at concentrations exceeding 10 ppm. The portions of the floor which were disposed of as TSCA and non-TSCA waste are indicated on Figure 10.

In order to facilitate removal of the Transformer Shop floor, an approximately 26 foot long by 11 foot high concrete block wall located at the southern end of the Truck Dock (between the Truck Dock and the office area in the southwestern corner of the Transformer Shop) required removal. Prior to removing the block wall, one pulverized concrete sample (NM-TDWLL-C1) was collected from the wall and submitted for laboratory analysis for PCBs. Analytical results obtained for the analysis of the concrete sample indicated that PCBs were present in the block wall at a concentration of 0.21 ppm. The block wall was demolished and placed in lined rolloff waste containers for transportation and off-site disposal as non-TSCA material.

The office floor slab (located in the south western corner of the Transformer Shop) was covered by vinyl floor tile. Prior to removal of the office floor slab, a sample of the tile material was collected and submitted for laboratory analysis for asbestos. Analytical results obtained for the analysis of the tile sample indicated that asbestos was not present in the floor tile.

After removing the concrete block wall and confirming that the office floor tile did not contain asbestos, the floor slab was saw cut to full depth around the perimeter of the Transformer Shop using a concrete road saw. The road saw was then used to cut the concrete floor into sections using a grid-type pattern across the floor. During the concrete cutting activities, the saw blade was continuously wetted with water to minimize dust generation. Washwater was collected with a wet vacuum and containerized in 55-gallon drums prior to being transferred to a polyethylene tank for storage prior to off-site disposal. The sections of concrete were then removed using a fork lift and broken into more manageable-sized pieces using a hoe ram prior to being staged in the recessed Truck Dock area. AAA then utilized a loader to transfer the concrete from the recessed Truck Dock area to lined rolloff waste containers staged outside of the Transformer Shop. After completing the concrete floor removal activities, approximately 12 inches of soil was excavated from beneath the Transformer Shop floor slab. The excavated soil was staged in the recessed Truck Dock and subsequently transferred to lined rolloff waste containers using a loader.

Air Monitoring

During the concrete floor removal activities in the Transformer Shop, two ambient air samples (samples NM-AIR-8 and NM-AIR-10) were collected for laboratory analysis for PCBs, and two ambient air samples (NM-AIR-7, and NM-AIR-9) were collected for laboratory analysis for silica. The samples were collected over an 6-hour sampling period from inside and outside of the dust enclosure. The air monitoring samples were analyzed using NIOSH methods and the results were utilized to calculate an 8-hour TWA concentration. PCBs were not detected at concentrations exceeding laboratory detection limits in either of the air samples collected during the concrete removal activities (from within and outside of the work area enclosure). PELs were calculated for airborne dust based on the percentage of silica in the air samples. Based on the analytical results, the PELs for dust were not exceeded within the enclosure. During the concrete removal activities, personnel within the enclosure were equipped with NIOSH-certified air purifying respirators and Level C PPE. Laboratory results obtained for the air samples indicated that silica was not detected in the sample collected outside of the enclosure. Air monitoring results are presented in Table 4.

Soil Verification Sampling

Following completion of the concrete and soil removal activities, sixteen verification soil samples were collected at the limits of the soil removal area and submitted to Galson for laboratory analysis to determine if PCBs were present in the soil at concentrations exceeding the 10 ppm cleanup criteria. The sampling locations were selected in a grid pattern so that one composite soil sample was collected for every approximately 400 square feet of surface area. The soil verification sampling locations are shown on Figure 11.

Analytical results obtained for the laboratory analysis of the initial verification soil samples indicated that PCBs were present in one sample at a concentration exceeding the 10 ppm PCB cleanup criteria (PCBs were detected at a concentration of 14.7 ppm in sample NM-TSOIL-VS13, collected from beneath the former office area in the southwestern portion of the Transformer Shop). Based on the results of the soil verification sample, an additional foot of soil was excavated in the vicinity of the former office and an additional verification soil sample was collected (sample NM-TSOIL-VS13A) for laboratory analysis for PCBs. Analytical results obtained for the analysis of the additional verification soil sample indicated that PCBs were not present at a concentration exceeding the 10 ppm cleanup criteria. Analytical results for the verification soil samples are presented in Table 6 and shown on Figure 11. Analytical results obtained from the laboratory analysis of the verification soil samples were validated by BBL's data validator. Data validation reports for the verification soil samples are included in Volumes II & III of this report.

4.3.2 Truck Dock Concrete and Soil Removal

Based on the results of the concrete characterization sampling activities summarized in Section 3.0 of this document, the entire floor of the Truck Dock and a portion of the 4-foot wall surrounding the recessed Truck Dock area were removed. The limits of the Truck Dock concrete floor and wall removal activities are shown on Figure 10. The Dock floor slab was recessed approximately 4 feet below the floor elevation of the adjacent Transformer Shop floor and consisted of an approximately 10-inch thick concrete slab on grade. The east and west sidewalls of the Truck Dock consisted of poured concrete measuring approximately 4-feet high and 10-inches thick. The northern wall of the Truck Dock consisted of a 4-foot high approximately 3- to 4-foot thick concrete bulk head. Railroad tracks were embedded in the concrete floor slab of the Truck Dock, and wooden ties were present in the subgrade material to support the steel rails. Concrete removal activities within the Truck Dock area consisted of removing concrete surfaces containing PCBs at concentrations exceeding the 10 ppm cleanup criteria for porous surfaces in restricted access areas (including the entire concrete floor and an approximately 46 foot long section of the 4-foot concrete wall from the eastern side and northern end of the Truck Dock). The concrete removal activities are described in the subsections below.

Dust Control Measures

As described above, AAA constructed a temporary dust enclosure around the concrete floor removal areas (which included the Truck Dock) prior to implementing the concrete removal activities.

Concrete and Soil Removal

As previously mentioned, debris generated by the TSDF closure activities which contained PCBs at concentrations exceeding 10 ppm were designated for disposal as TSCA-regulated material. Based on the 10 ppm PCB cleanup objective utilized for the Truck Dock area, all debris generated by the concrete and soil removal activities in the Truck Dock area were disposed of as a TSCA-regulated waste.

The initial concrete removal activities in the Truck Dock area consisted of forming vertical cuts along portions of the 4-foot wall that were designated for removal. The wall sections were then demolished using the ram hoe and the excavator bucket. The concrete wall debris was transferred into lined rolloff waste containers using a front-end loader. Holes were then punctured through the Truck Dock floor using the ram hoe and the floor was removed using the excavator and the ram hoe. In addition, the steel railroad tracks embedded in the concrete floor and wooden ties located beneath the rails were removed using the excavator. The concrete debris, steel rails, and wooden ties were transferred into lined rolloff waste containers for off-site transport and disposal as TSCA-regulated material.

During the concrete floor removal activities, a combination of groundwater and storm water runoff infiltrated the Truck Dock. A visible oil sheen and droplets of separate-phase material were observed on the surface of the water which infiltrated the truck dock. The separate-phase material is believed to be associated with non-TSDF related activities at the site (i.e., former Manufactured Gas Plant [MGP] operations) and will be addressed in the future under an existing Order of Consent between NMPC and the NYSDEC. To the extent possible, AAA pumped water from the Truck Dock into an on-site 20,000-gallon Baker Tank. Following water removal, soil was excavated from the Truck Dock in an effort to reach stable subgrade material. The excavated soil was transferred to a dewatering pad for stabilization prior to being placed into lined rolloff waste containers for transportation and off-site disposal. An average of approximately 24 inches of subgrade material was excavated from beneath the Truck Dock floor slab.

Air Monitoring

Based on the presence of separate-phase material on the surface of water which accumulated in the Truck Dock during the floor removal activities (as discussed), two ambient air samples (samples NM-AIR-11 and NM-AIR-12)

were collected and submitted for laboratory analysis for benzene. The samples were collected over a 4-hour sampling period from inside and outside of the dust enclosure. The air monitoring samples were analyzed using NIOSH methods and the results were used to calculate a 8-hour TWA. Analytical results obtained for the laboratory analysis of the air samples indicated that benzene was not detected in either sample. Air monitoring sample results are presented in Table 4.

4.3.3 Machine Shop Concrete Removal

Based on the results at the concrete characterization sampling activities summarized in Section 3.0 of this document, portions of the floor located in the Machine Shop which contained PCBs at concentrations exceeding 1 ppm were removed (by scarification or full depth removal). The limits of the concrete floor scarification/removal activities in the Machine Shop are shown on Figure 10. A portion of the concrete floor in the Machine Shop consists of a 6-inch concrete slab overlaying subgrade vaults which were formerly utilized in Machine Shop operations. The remainder of the floor consists of a 6-inch concrete slab on grade. Concrete removal activities within the Machine Shop consisted of scarifying approximately 450 square feet of concrete to an average depth of approximately 1 inch below the floor surface and removing three additional areas (totaling approximately 46 square feet) to the full depth of the concrete floor. The concrete floor removal/scarification activities implemented in the Machine Shop are described in the subsections below.

Dust Control Measures

As described above, AAA constructed a temporary dust enclosure around the concrete floor removal areas (which included the Machine Shop) prior to implementing the concrete removal activities.

Concrete Removal/Verification Sampling

Portions of the concrete floor in the Machine Shop which contained PCBs at concentrations exceeding 10 ppm were designated for disposal as TSCA-regulated material and portions of the floor containing PCBs at concentrations greater than 1 ppm but less than 10 ppm were disposed of as non-TSCA regulated material. The portions of the Machine Shop floor which were disposed of as TSCA and non-TSCA waste are indicated on Figure 10.

Laboratory results obtained for depth integrated samples collected from the Machine Shop floor at sampling location NM-TSFLR-C43 (located above one of the subgrade vaults), indicated that PCBs were present at a concentration exceeding 1 ppm at a depth of 2 to 3 inches within the floor slab. Based on the depth integrated sampling results, an approximately 4 square foot area of concrete surrounding sample location NM-TSFLR-C43 was removed to the total depth of the floor. Saw cuts were made around the removal area and the concrete was manually removed. Following removal, the concrete was transferred into lined rolloff waste containers for transportation and off-site disposal.

During attempts to scarify the remaining portion of the Machine Shop floor that contained PCBs at concentrations exceeding 1 ppm, two areas of concrete (one 30 square foot area located in the northern portion of the Machine Shop and one 12-square-foot area located in a garage immediately adjacent to the Machine Shop) crumbled to the total depth of the concrete slab. Based on the presence of the unstable concrete, the full depth of the concrete floor was removed from these areas. Prior to removing the two sections of floor, the concrete road saw was used to cut around the perimeter of the unstable concrete and a jackhammer was used to break the concrete into manageable-sized pieces. The concrete debris was transferred into lined rolloff waste containers for transportation and off-site disposal.

AAA scarified an average of approximately 1-inch of concrete from portions of the Machine Shop floor using a pneumatic jackhammer and a mechanical scrabbler. Scarified concrete debris was manually collected and placed

into 55-gallon drums prior to being transferred into lined rolloff waste containers. Following the removal of each approximately 1/4-inch of concrete (e.g., at 1/4, 1/2, 3/4 and 1 inch) verification concrete samples were collected to determine if PCBs remained in the concrete at concentrations exceeding the 1 ppm cleanup criteria for porous surfaces. Based on the verification sampling, three successive phases of scarification activities were required to achieve the 1 ppm concrete cleanup objective. Following the final scarification pass, verification concrete samples NM-MSFLR-VC7 through NM-MSFLR-VC9 and NM-MSFLR-VC11 were collected and submitted to Galson for laboratory analysis for PCBs. Analytical results obtained for the laboratory analysis of the verification concrete samples collected following the final scarification pass indicated that PCBs were not present at concentrations exceeding the 1 ppm cleanup objective. Verification concrete sampling results are listed in Table 5 and shown on Figure 11. Analytical results obtained from the laboratory analysis of verification concrete samples collected at the final limits of the concrete scarification areas were validated by BBL's data validator. Data validation reports for the verification concrete samples are presented in Volumes II & III of this report.

4.4 Concrete Floor/Wall Restoration

Following completion of the concrete and soil removal activities in the Transformer Shop, Machine Shop, and Truck Dock area, AAA's Subcontractor (Sligo Contracting) restored the concrete to pre-existing conditions. The extent of the concrete restoration activities is shown on Figure 12. The restoration activities conducted within the Transformer Shop, Machine Shop, and the Truck Dock are summarized below.

4.4.1 Transformer Shop Floor Restoration

Approximately 135 cubic yards (CY) of new concrete was placed in the concrete removal areas in the Transformer Shop. The concrete replacement activities conducted as part of the TSDF closure activities in the Transformer Shop consisted of the following:

- Placing and compacting approximately 12 inches of light-weight aggregate (Solite®). The aggregate was placed in a single 12-inch lift and compacted using a 5-ton roller and a walk-behind tamper.

- Placing a 6 mil polyethylene vapor barrier over the compacted backfill in the Transformer Shop and applying water proof tape on all seams.

- Installing steel reinforcement consisting of a grid of #4 rebar at 16 inches on center. The rebar (installed prior to pouring the concrete) was set on bricks so that it sat approximately 2.5 inches above the surface of the light-weight fill material.

- Placing and finishing the concrete floor to the pre-existing grade. The concrete was placed in three separate sections in order to facilitate restoration of expansion/control joints. The first section of concrete was poured on September 9, 2000 (between the northern wall and the northern-most column line). The second section was poured on September 27, 2000 (between the eastern wall and the second column line from the eastern wall). The remaining concrete was placed on September 29, 2000.

As part of the concrete restoration activities, Sligo installed expansion and control joints in the new concrete floor slab. Expansion and control joints were installed concurrently with the concrete placement activities. The joint restoration in the Transformer Shop included approximately 290 feet of expansion joints and 640 feet of control joints (shown on Figure 12). Expansion joint restoration included using a joint filler material (sponge rubber) in the bottom of the joint; applying Sikaflex® 429 primer to the walls of each joint; placing a continuous closed-cell, high-density polyethylene rod on top of the joint filler to act as a bond breaker; sealing the joints with Sikaflex®-1a Elastomeric sealant (which was allowed to cure); and visually inspecting each joint for sealant continuity. Control joint restoration activities included saw cutting a joint space in the new concrete.

Waste materials (i.e., concrete, dust, spent solvent material, rags, daubers, etc.) generated by the concrete restoration activities were placed in appropriate containers for transportation and off-site disposal.

4.4.2 Truck Dock Floor and Wall Restoration

Approximately 33 CY of new concrete was placed in the concrete removal areas in the Truck Dock. The concrete replacement activities conducted as part of the TSDF closure activities in the Truck Dock consisted of the following:

- Placing an approximately 12-inch layer of rip rap followed by a sheet of geotextile fabric and a 6-inch layer of 3-inch diameter stone in the bottom of the Truck Dock to stabilize the wet subgrade material.
- Placing a 6 mil polyethylene vapor barrier over the compacted 3-inch stone.
- Placing and compacting an approximately 6-inch layer of crushed stone on top of the polyethylene sheeting.
- Constructing form work for a concrete sump at the northern end of the Truck Dock. The sump extends across the width of the Truck Dock and measures approximately 18 inches wide by 12 inches deep.
- Installing steel reinforcement consisting of a grid of #4 rebar at 16 inches on center. The rebar (installed prior to pouring the concrete) was set on bricks so that it sat approximately 2.5 inches above the surface of the crushed stone.
- Placing and finishing the concrete floor to the pre-existing grade.
- Installing reinforcement consisting of #5 rebar placed vertically at 16 inches on center for the Truck Dock wall restoration. The rebar was doweled into the existing concrete at the base of the section of the wall to be replaced.
- Constructing and placing form work for the concrete walls.
- Placing and finishing the concrete walls to pre-existing conditions.

Following curing of the concrete, a steel grate was placed over the top of the concrete sump.

As part of the Truck Dock restoration activities, AAA restored expansion and control joints in the new concrete floor slab. The joint restoration in the Truck Dock included approximately 150 feet of expansion joints and 14 feet of control joints (shown on Figure 12). Expansion joint restoration included using a joint filler material (sponge rubber) in the bottom of the joint; applying Sikaflex® 429 primer to the walls of each joint; placing a continuous closed-cell, high-density polyethylene rod on top of the joint filler to act as a bond breaker; sealing the joints with Sikaflex®-1a Elastomeric sealant (which was allowed to cure); and visually inspecting each joint for sealant continuity. Control joint restoration activities included saw cutting a joint space in the new concrete.

Waste materials (i.e., concrete, dust, spent solvent material, rags, daubers, etc.) generated by the concrete restoration activities were placed in appropriate containers for transportation and off-site disposal.

4.4.3 Machine Shop Floor Restoration

The scarified areas of the concrete floor within the Machine Shop were restored using cement-based self-leveling floor topping (Dayton Superior® Levelayer™ III). Based on the Machine Shop floor scarification activities described in Subsection 4.3.2, an approximately 450 square foot area of the Machine Shop floor was coated with the self-

leveling topping to an average depth of 1 inch. A total of approximately 0.8 CY of new concrete was placed in the two areas of the concrete floor located in the northern portion of the Machine Shop which were removed to the full depth of the floor. In addition, a metal plate was installed over the 4 square foot concrete floor removal area located above the subgrade vault (i.e., at concrete sampling location NM-TSFLR-43).

4.5 Waste Management

Waste materials generated by the initial TSDF closure activities and the concrete/soil removal activities were containerized in appropriate waste containers and all materials and equipment utilized for the closure activities were either decontaminated or disposed of off-site. Waste materials generated by the closure activities were transported for off-site disposal by NMPC waste contractors in accordance with applicable regulations. Waste materials generated by the closure activities were transported for off-site disposal at the following waste disposal facilities:

Waste Type	Approximate Quantity Generated	Transporter	Disposal Facility
Non-TSCA Solid Waste	253 Tons	Silvarole Trucking, Inc. and Hazmat Environmental, Inc.	High Acres Landfill Perinton, NY
TSCA Solid Waste	628 Tons	Hazmat Environmental, Inc. and Buffalo Fuel Corporation	Chemical Waste Management Model City, NY
Non-TSCA Waste Water	14,264 Gallons	United Industrial Services	United Oil Recovery, Inc. Meriden, CT
TSCA Waste Water	15,905 Gallons	Freehold Cartage, Inc.	Chemical Waste Management Model City, NY

Copies of the waste manifests for the transportation and off-site disposal of wastes generated by the TSDF closure activities are included in Appendix D.

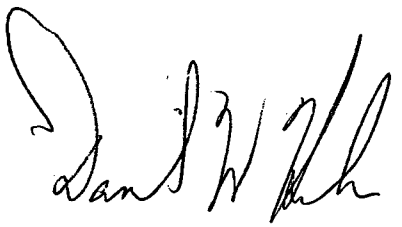
5. Certification Statement

I, David W. Hale, P.E., as a licensed Professional Engineer in the State of New York, hereby certify that the TSDF closure activities conducted at the Niagara Mohawk Power Corporation (NMPC) North Albany Service Center located in Albany, New York were completed in general conformance with the following:

- The TSDF Closure Plan (Revision 4.0 - January 2000) included in the 6NYCRR Part 373 Hazardous Waste Management Permit for the North Albany Service Center (prepared by Blasland, Bouck & Lee, Inc. [BBL, January 2000]); and

- A June 14, 2000 letter from NMPC to the New York State Department of Environmental Conservation which presented minor modifications to the TSDF closure activities described in the Closure Plan.

This certification statement is based on BBL's on-site observation during the implementation of the TSDF closure activities. I also certify that, to the best of my knowledge, this Certification Report accurately reflects the TSDF closure activities that were conducted.



David W. Hale, P.E.
New York P.E. No. 065423

Blasland, Bouck & Lee, Inc.
6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066

Tables

Table 1

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
TSDF Closure Cleanup Criteria

Matrix	Chemical Constituent	Action Limits
Concrete		
	PCBs in Concrete in 'Unrestricted Access Areas'	1 ppm
	PCBs in Concrete in 'Restricted Access Areas' *	10 ppm
Soil		
	PCBs in Soil Beneath Concrete Floor Slab	10 ppm
Wipe		
	PCBs on Equipment Surfaces	10 µg/100 cm^2
Rinsate		
	PCBs	0.09 ppb
	TCL VOCs	NYSDEC Class GA Ground Water Standards/Guidance Values
	TCL SVOCs	NYSDEC Class GA Ground Water Standards/Guidance Values
	RCRA Metals	NYSDEC Class GA Ground Water Standards/Guidance Values

Notes:

1. Regulatory cleanup levels for PCB present in concrete, soil, and on non-porous surfaces are based on the Toxic Substance Control Act [40 CFR Part 761], and the NYSDEC-recommended cleanup objective as presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum (TAGM): 'Contained-In' Criteria for Environmental Media" HWR-92-3028 (TAGM 3028), dated November 30, 1992.
2. NYSDEC Class GA Ground-Water Standards/Guidance Values presented in the New York State Department of Environmetnal Conservation (NYSDEC) Division of Technical and Operational Guidance Series (TOGS 1.1.1) document entitled "Ambient Water Quality Standards and Guidance Values and Ground-Water Effluent Limitations", dated June 1998.
3. * - The USEPA TSCA regulations presented in 40 CFR 761.61 (a)(4)(i)(B) establish a 25 ppm cleanup criteria for porous surfaces in low occupancy (i.e., restricted access) areas. However, NMPC utilized the more conservative 10 ppm cleanup objective for subsurface soil presented in the NYSDEC document entitled "Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, " HWM-94-4046 (TAGM 4046), dated January 24, 1994 as the cleanup criteria for concrete in restricted access areas of the TSDF.
4. PCBs = polychlorinated biphenyls.
5. TCL VOCs = Target Compound List volatile organic compounds.
6. TCL SVOCs = Target Compound List semi-volatile organic compounds.
7. RCRA = Resource Conservation and Recovery Act
8. ppm = parts per million
9. ppb = parts per billion
10. µg/100 cm^2 = micrograms per 100 square centimeters

Table 2

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Analytical Sample Summary

Matrix	Sample ID	Sample Date	SDG#	Analysis Performed						Comments
				PCBs	VOCs	SVOCs	RCRA Metals	Ignitability, Corrosivity, Reactivity	Other	
Transformer Shop										
Preclosure Samples										
Concrete Characterization:	TRNS-FLR-C1	10/19/99	9910-00288	X						SV
	TRNS-FLR-C2	10/19/99	9910-00288	X						SV
	DUP-1 <TRNS-FLR-C2>	10/19/99	9910-00288	X						SV
	TRNS-FLR-C3	10/19/99	9910-00288	X						SV
	TRNS-WLL-C1	10/19/99	9910-00288	X						SV
Concrete Verification for Hazardous Waste Storage Area:	NM-TSHWA-VC1	2/11/00	0002-00082	X						SV
	NM-TSHWA-VC2	2/11/00	0002-00082	X						SV
	NM-TSHWA-VC3	2/11/00	0002-00082	X						SV
	NM-TSHWA-VC4	2/11/00	0002-00082	X						SV
	NM-TSHWA-VC5	2/15/00	0002-00152	X						SV
	NM-TSHWA-VC6	2/15/00	0002-00152	X						SV
Verification Soil Samples for Hazardous Waste Storage Area	NM-TSOILIM-VS1	2/11/00	0002-00131	X						SV
	NM-TSOILIM-VS2	2/11/00	0002-00131	X						SV
	NM-TSOILIM-VS3	2/11/00	0002-00131	X						SV
	NM-TSOILIM-VS4	2/11/00	0002-00131	X						SV
TSDF Closure Samples										
Concrete Characterization:	NM-TSFLR-C1	2/25/00	0002-00275	X						S
	NM-TSFLR-C2	2/25/00	0002-00275	X						S
	NM-TSFLR-C3	2/25/00	0002-00275	X						S
	DUP-1 <NM-TSFLR-C3>	2/25/00	0002-00275	X						S
	NM-TSFLR-C4	2/25/00	0002-00275	X						S
	NM-TSFLR-C5	2/25/00	0002-00275	X						S
	NM-TSFLR-C6	2/25/00	0002-00275	X						S
	NM-TSFLR-C7	2/25/00	0002-00275	X						S
	NM-TSFLR-C8	2/25/00	0002-00275	X						S
	NM-TSFLR-C9	2/25/00	0002-00275	X						S
	NM-TSFLR-C10	2/25/00	0002-00275	X						S
	NM-TSFLR-C11	2/25/00	0002-00275	X						S
	NM-TSFLR-C12	2/25/00	0002-00275	X						S
	NM-TSFLR-C13	2/25/00	0002-00275	X						S
	NM-TSFLR-C14	2/25/00	0002-00275	X						S
	NM-TSFLR-C15	2/25/00	0002-00275	X						S
	NM-TSFLR-C16	2/25/00	0002-00275	X						S
	NM-TSFLR-C17	2/25/00	0002-00275	X						S
	NM-TSFLR-C18	2/25/00	0002-00275	X						S
	NM-TSFLR-C19	2/25/00	0002-00275	X						S
	NM-TSFLR-C20	2/25/00	0002-00275	X						S
	NM-TSFLR-C21	2/25/00	0002-00275	X						S
	DUP-2 <NM-TSFLR-C21>	2/25/00	0002-00275	X						S
	NM-TSFLR-C22	3/6/00	0003-00101	X						S
	NM-TSFLR-C23	3/6/00	0003-00101	X						S
	NM-TSFLR-C24	3/6/00	0003-00101	X						S
	NM-TSFLR-C25	3/6/00	0003-00101	X						S
	NM-TSFLR-C26	3/6/00	0003-00101	X						S
	NM-TSFLR-C27	3/6/00	0003-00101	X						S
	NM-TSFLR-C28	3/6/00	0003-00101	X						S
	NM-TSFLR-C29	3/6/00	0003-00101	X						S
	DUP-3 <NM-TSFLR-C29>	3/6/00	0003-00101	X						S
	NM-TSFLR-C30	3/6/00	0003-00101	X						S
	NM-TSFLR-C31	3/6/00	0003-00101	X						S
	NM-TSFLR-C32	3/6/00	0003-00101	X						S
	NM-TSFLR-C33	3/6/00	0003-00101	X						S
	NM-TSFLR-C34	3/6/00	0003-00101	X						S
	NM-TSFLR-C35	3/6/00	0003-00101	X						S
	NM-TSFLR-C44	3/15/00	0003-00238	X						S
	NM-TSFLR-C45	3/15/00	0003-00238	X						S
	NM-TSFLR-C46	3/15/00	0003-00238	X						S

Table 2

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Analytical Sample Summary

Matrix	Sample ID	Sample Date	SDG#	Analysis Performed						Comments
				PCBs	VOCs	SVOCs	RCRA Metals	Ignitability, Corrosivity, Reactivity	Other	
Transformer Shop										
TSDF Closure Samples (Cont'd)										
	NM-TSFLR-C47	3/22/00	0003-00342	X						S
	NM-TSFLR-C48	3/22/00	0003-00342	X						S
	NM-TSFLR-C49	3/22/00	0003-00342	X						S
	DUP-5 <NM-TSFLR-C49>	3/22/00	0003-00342	X						S
	NM-TSFLR-C50	3/22/00	0003-00342	X						SV
	NM-TSFLR-C59	3/29/00	0003-00435	X						S
	NM-TSFLR-C60	3/29/00	0003-00435	X						S
	NM-TSFLR-C61	3/29/00	0003-00435	X						S
	DUP-6 <NM-TSFLR-C61>	3/29/00	0003-00435	X						S
	NM-TSFLR-C62	3/29/00	0003-00435	X						S
	NM-TSFLR-C63	4/4/00	0004-00053	X						SV
	NM-TSFLR-C64	4/4/00	0004-00053	X						SV
Soil Borings:	TS-2 (0-2')	4/4/00	0004-00068	X						SV
	TS-3 (0-2')	4/4/00	0004-00068	X						SV
	TS-4 (0-2')	4/4/00	0004-00068	X						SV
Soil Verification:	NM-TSOIL-VS1	7/12/00	L61850	X						GV
	NM-TSOIL-VS2	7/12/00	L61850	X						GV
	NM-TSOIL-VS3	7/12/00	L61850	X						GV
	NM-TSOIL-VS4	7/12/00	L61850	X						GV
	DUP-1 <NM-TSSOIL-VS4>	7/12/00	L61850	X						GV
	NM-TSOIL-VS5	7/12/00	L61850	X						GV
	NM-TSOIL-VS6	7/12/00	L61850	X						GV
	NM-TSOIL-VS7	7/12/00	L61850	X						GV
	NM-TSOIL-VS8	7/12/00	L61850	X						GV
	NM-TSOIL-VS9	7/12/00	L61850	X						GV
	NM-TSOIL-VS10	7/12/00	L61850	X						GV
	NM-TSOIL-VS11	7/12/00	L61850	X						GV
	NM-TSOIL-VS12	7/12/00	L61850	X						GV
	NM-TSOIL-VS13	7/12/00	L61850	X						GV
	NM-TSOIL-VS13A	7/20/00	L62051	X						GV
	DUP-2 <NM-TSOIL-VS13A>	7/20/00	L62051	X						GV
	NM-TSOIL-VS14	7/12/00	L61850	X						GV
	NM-TSOIL-VS15	7/12/00	L61850	X						GV
	NM-TSOIL-VS16	7/12/00	L61850	X						GV
Verification Wipe:	NM-TSPUMP-VW1	2/7/00	0002-00082	X						SV
	NM-TSPUMP-VW2	2/7/00	0002-00082	X						SV
	NM-TSPUMP-VW3	2/7/00	0002-00082	X						SV
	NM-TSPUMP-VW4	2/7/00	0002-00082	X						SV
	NM-TSTE-VW1	3/29/00	0003-00435	X						SV
	NM-TSTE-VW2	3/29/00	0003-00435	X						SV
	NM-TSTE-VW3	3/29/00	0003-00435	X						SV
Other:	NM-TDWLL-C1	6/19/00	0006-00383	X						S
	NM-TSOFF-T1	6/19/00	0006-00383						Asbestos	S
Outdoor Tank Facility										
Preclosure Samples										
Concrete	TANK-FLR-C1	10/19/99	9910-00288	X						SV
Characterization:	TANK-FLR-C2	10/19/99	9910-00288	X						SV
	TANK-FLR-C3	10/19/99	9910-00288	X						SV
	TANK-WLL-C1	10/19/99	9910-00288	X						SV
TSDF Closure Samples										
Verification	NM-37301-VW1	2/7/00	0002-00082	X						SV
Wipe:	NM-37301-VW2	2/7/00	0002-00082	X						SV
	NM-37301-VW3	2/7/00	0002-00082	X						SV
	NM-E37301-VW1	2/10/00	0002-00130	X						SV
	NM-E37301-VW2	2/10/00	0002-00130	X						SV
	NM-E37301-VW3	2/10/00	0002-00130	X						SV
	NM-E37301-VW4	2/10/00	0002-00130	X						SV

Table 2

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Analytical Sample Summary

Matrix	Sample ID	Sample Date	SDG#	Analysis Performed						Comments
				PCBs	VOCs	SVOCs	RCRA Metals	Ignitability, Corrosivity, Reactivity	Other	
Outdoor Tank Facility										
TSDF Closure Samples (Cont'd)										
	NM-373SCT-VW1	2/10/00	0002-00130	X						SV
	NM-373SCT-VW2	2/10/00	0002-00130	X						SV
	NM-373SCT-VW3	2/10/00	0002-00130	X						SV
	NM-PUMPAN-VW1	2/10/00	0002-00130	X						SV
	NM-PUMPAN-VW2	2/10/00	0002-00130	X						SV
Verification	NM-OTFTP-VR1	2/25/00	0002-00276	X	X	X	X			SV
Rinsate:	NM-OTFTP-VR2	2/25/00	0002-00276	X	X	X	X			SV
	NM-OTFFC-VR1	2/25/00	0002-00276		X					SV
	NM-OTFCC-VR1	2/25/00	0002-00276						pH	S
Versaire Building Hazardous Waste Storage Shed										
Preclosure Samples										
Preclosure	VERS-FLR-C1	10/19/99	9910-00288	X						SV
Concrete	VERS-FLR-C2	10/19/99	9910-00288	X						SV
Characterization:	VERS-FLR-C3	10/19/99	9910-00288	X						SV
	VERS-FLR-C4	10/19/99	9910-00288	X						SV
	VERS-FLR-C5	10/19/99	9910-00288	X						SV
	VERS-FLR-C6	10/19/99	9910-00288	X						SV
	VERS-WLL-C1	10/19/99	9910-00288	X						SV
	VERS-WLL-C2	10/19/99	9910-00288	X						SV
	VERS-WLL-C3	11/9/99	9911-00151	X						SV
	VERS-WLL-C4	11/9/99	9911-00151	X						SV
	VERS-WLL-C5	11/9/99	9911-00151	X						SV
	VERS-WLL-C6	11/9/99	9911-00151	X						SV
	DUP-2 (VERS-WLL-C6)	11/9/99	9911-00151	X						SV
Versaire Building Hazardsous Waste Storage Shed										
TSDF Closure Samples										
Concrete	NM-VBSW-VC1	2/8/00	0002-00082	X						SV
Verification:	NM-VBSW-VC2	2/8/00	0002-00082	X						SV
	NM-VBSW-VC3	2/9/00	0002-00082	X						SV
	NM-VBSW-VC4	2/9/00	0002-00082	X						SV
Verification	NM-VBTE-VW1	2/9/00	0002-00082	X						SV
Wipe:	NM-VBTE-VW2	2/9/00	0002-00082	X						SV
	NM-VBTE-VW3	2/9/00	0002-00082	X						SV
Verification	NM-VHSWA-VR1	10/18/00	L64597	X	X	X	X			GV
Rinsate:	NM-VHSEA-VR1	10/18/00	L64597	X	X	X	X			GV
	DUP-1 <NM-VHSEA>	10/18/00	L64597	X	X	X	X			GV
Truck Dock										
TSDF Closure Samples										
Concrete	NM-TSFLR-C36	3/6/00	0003-00101	X						S
Characterization	NM-TSFLR-C37	3/6/00	0003-00101	X						S
Floor Samples:	NM-TSFLR-C38	3/6/00	0003-00101	X						S
	NM-TSFLR-C39	3/6/00	0003-00101	X						S
	NM-TSFLR-C53	3/22/00	0003-00342	X						S
	NM-TSFLR-C54	3/22/00	0003-00342	X						SV
Concrete	NM-TSFLR-C55	3/22/00	0003-00342	X						S
Characterization	NM-TSFLR-C55A (0-1")	3/29/00	0003-00435	X						S
Wall Samples:	NM-TSFLR-C55B (1-2")	3/29/00	0003-00435	X						S
	NM-TSFLR-C55C (2-3")	3/29/00	0003-00435	X						S
	NM-TSFLR-C56	3/29/00	0003-00435	X						SV
	NM-TSFLR-C57	3/29/00	0003-00435	X						SV
	NM-TSFLR-C66	4/4/00	0004-00053	X						S
	DUP-7 <NM-TSFLR-C66>	4/4/00	0004-00053	X						S
	NM-TSFLR-C67	4/4/00	0004-00053	X						SV
	NM-TSFLR-C68	4/4/00	0004-00053	X						SV
	NM-TSFLR-C69	4/4/00	0004-00053	X						SV
Soil Borings:	TS-1 (0-2')	4/5/00	0004-00090	X						SV

Table 2

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Analytical Sample Summary

Matrix	Sample ID	Sample Date	SDG#	Analysis Performed						Comments
				PCBs	VOCs	SVOCs	RCRA Metals	Ignitability, Corrosivity, Reactivity	Other	
Machine Shop										
TSDF Closure Samples										
Concrete Characterization:	NM-TSFLR-C40	3/15/00	0003-00238	X						SV
	NM-TSFLR-C41	3/15/00	0003-00238	X						SV
	NM-TSFLR-C42	3/15/00	0003-00238	X						SV
	NM-TSFLR-C43	3/15/00	0003-00238	X						S
	DUP-4 <NM-TSFLR-C43>	3/15/00	0003-00238	X						S
	NM-TSFLR-A3	3/15/00	0003-00271	X						SV
	NM-TSFLR-A4	3/15/00	0003-00271	X						S
	NM-TSFLR-C51	3/22/00	0003-00342	X						S
	NM-TSFLR-C52	3/22/00	0003-00342	X						S
	NM-TSFLR-C58	3/29/00	0003-00435	X						S
	NM-TSFLR-C43A	4/4/00	0004-00053	X						S
	NM-TSFLR-C43B	4/4/00	0004-00053	X						S
	NM-TSFLR-C43C	4/4/00	0004-00053	X						S
	NM-TSFLR-C65	4/4/00	0004-00053	X						SV
Concrete Verification:	NM-MSFLR-VC1	6/27/00	L61527	X						G
	NM-MSFLR-VC2	6/27/00	L61527	X						G
	NM-MSFLR-VC3	6/27/00	L61527	X						G
	DUP-1 <NM-MSFLR-VC3>	6/27/00	L61527	X						G
	NM-MSFLR-VC4	7/6/00	L61527	X						G
	NM-MSFLR-VC5	7/6/00	L61527	X						G
	NM-MSFLR-VC6	7/7/00	L61527	X						G
	NM-MSFLR-VC7	7/18/00	L61989	X						GV
	NM-MSFLR-VC8	7/18/00	L61989	X						GV
	NM-MSFLR-VC9	7/20/00	L61989	X						GV
	NM-MSFLR-VC10	7/20/00	L61989	X						GV
	DUP-2 (NM-MSFLR-VC10)	7/20/00	L61989	X						GV
	NM-MSFLR-VC11	7/26/00	L61989	X						GV
Air Monitoring										
Air:	NM-AIR-1	2/3/00	L57540	X						G
	NM-AIR-2	2/3/00	L57540	X						G
	NM-AIR-4	2/4/00	L57540						Silica	G
	NM-AIR-6	2/4/00	L57540						Silica	G
	NM-AIR-7	6/20/00	L61549						Silica	G
	NM-AIR-8	6/20/00	L61549	X						G
	NM-AIR-9	6/27/00	L61549						Silica	G
	NM-AIR-10	6/27/00	L61549	X						G
	NM-AIR-11	7/27/00	L62248						Benzene	G
	NM-AIR-12	7/27/00	L62248						Benzene	G

Notes:
1. S = indicates that the sample was analyzed by Scilab Albany, Inc. located in Latham, New York.
2. G = Indicates that the sample was analyzed by Galson Laboratories, Inc. located in East Syracuse, New York.
3. V = Indicates that the analytical results were validated. Data validation reports are included in Volumes II & III of this TSDF Closure Report.

Table 3

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Preclosure Concrete Sampling Analytical Results
for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Transformer Shop Hazardous Waste Storage Area	
TRNS-FLR-C1	2,300 J
TRNS-FLR-C2	160 J
DUP-1 <TRNS-FLR-C2>	170 J
TRNS-FLR-C3	4,800 J
TRNS-WLL-C1	<0.5
Outdoor Oil Tank Facility	
TANK-FLR-C1	< 0.5
TANK-FLR-C2	< 0.5
TANK-FLR-C3	< 0.5
TANK-WLL-C1	< 0.5
Versaire Hazardous Waste Storage Shed (eastern containment area)	
VERS-FLR-C1	< 0.5
VERS-FLR-C2	< 0.5
VERS-FLR-C3	< 0.5
VERS-WLL-C1	< 0.5
Versaire Hazardous Waste Storage Shed (western containment area)	
VERS-FLR-C4	1.4 J
VERS-FLR-C5	0.6 J
VERS-FLR-C6	0.8 J
VERS-WLL-C2	84 J
VERS-WLL-C3	0.69 J
VERS-WLL-C4	1.3 J
VERS-WLL-C5	0.57 J
VERS-WLL-C6	274 J
DUP-2 <VERS-WLL-C6>	185 J

- see notes on Page 2

Table 3

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Preclosure Concrete Sampling Analytical Results
for Total PCBs (ppm)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) on October 19, 1999 and November 9, 1999.
2. TSDF = Treatment, Storage, and Disposal Facility.
3. PCBs = Polychlorinated biphenyls.
4. Samples analyzed by Scilab Albany, Inc. using USEPA SW-846 Method 8082 as referenced in the NYSDEC 1995 Analytical Services Protocol (ASP).
5. Concentrations are reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
6. Sample designations indicate the following:
   TRNS = Transformer Shop;
   TANK = Truck Loading/Unloading Pad at Upgraded Storage Tank Facility;
   VERS = Versaire Hazardous Waste Storage Shed;
   FLR = Floor sample;
   WLL = Wall Sample;
   C = Concrete sample; and
   DUP = Duplicate sample.
7. J = Indicates an estimated concentration.
8. < = Indicates each Aroclor was not detected above the presented concentration.
9. The NYSDEC-recommended cleanup objective for PCBs as presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum (TAGM): 'Contained-In' Criteria for Environmental Media" HWR-92-3028 (TAGM 3028), dated November 30, 1992, is 1 ppm.
10. Analytical results have been validated.

Table 4

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Air Monitoring Analytical Results for
PCBs, Silica, and Benzene (mg/m^3)

Sample ID	PEL - Dust (mg/m^3)	PCBs (mg/m^3)	Silica (mg/m^3)	Dust (mg/m^3)	Benzene (mg/m^3)
NM-AIR-1	NA	< 0.0006	-	-	-
NM-AIR-2	NA	< 0.0006	-	-	-
NM-AIR-4	5.0	-	ND	< 0.9	-
NM-AIR-6	0.41	-	0.29	1.3	-
NM-AIR-7	0.76	-	0.06	0.54	-
NM-AIR-8	NA	< 0.0007	-	-	-
NM-AIR-9	5.0	-	< 0.02	< 0.08	-
NM-AIR-10	NA	< 0.0007	-	-	-
NM-AIR-11	NA	-	-	-	< 0.04
NM-AIR-12	NA	-	-	-	< 0.04

Notes:

1. Air monitoring samples collected by Blasland, Bouck & Lee Inc. (BBL) during February, June, and July 2000.
2. Samples analyzed by Galson Laboratories, Inc. (Galson) of East Syracuse, New York for the following:
   - NM-AIR-1, NM-AIR-2, NM-AIR-8, and NM-AIR-10 for polychlorinated biphenyls (PCBs) using analytical method NIOSH 5503;
   - NM-AIR-4, NM-AIR-6, NM-AIR-7 and NM-AIR-9 for silica using analytical method NIOSH 7500; and
   - NM-AIR-11 AND NM-AIR-12 for benzene using analytical method NIOSH 1501.
3. < = Constituent was not detected at a concentration exceeding the presented concentration.
4. - = Not analyzed.
5. NA = Not applicable.
6. ND = Not detected.
7. mg/m^3 = milligrams per cubic meter
8. Analytical results have not been validated.

Table 5

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Concrete Sampling Analytical Results
for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Transformer Shop	
Samples Collected February 11, 2000	
NM-TSHWA-VC1	0.28 J
NM-TSHWA-VC2	0.16 J
NM-TSHWA-VC3	2.2 J
NM-TSHWA-VC4	1.9 J
Samples Collected February 15, 2000	
NM-TSHWA-VC5	3.7 J
NM-TSHWA-VC6	67 J
Versaire Building	
Samples Collected February 8, 2000	
NM-VBSW-VC1*	< 0.017 J
NM-VBSW-VC2*	< 0.017 J
NM-VBSW-VC3*	0.55 J
NM-VBSW-VC4*	0.19 J
Machine Shop	
Samples Collected June 27, 2000	
NM-MSFLR-VC1	12 D
NM-MSFLR-VC2	9.6 D
NM-MSFLR-VC3	0.19
DUP-1 (NM-MSFLR-VC3)	10.4 D
Samples Collected July 6, 2000	
NM-MSFLR-VC4	2.86 D
NM-MSFLR-VC5	5.66 D
NM-MSFLR-VC6	0.38
Samples Collected July 18, 2000	
NM-MSFLR-VC7*	< 0.05
NM-MSFLR-VC8*	< 0.05
Samples Collected July 20, 2000	
NM-MSFLR-VC9*	< 0.05
NM-MSFLR-VC10*	1.34 D
DUP-2 (NM-MSFLR-VC10)*	0.99
Samples Collected July 26, 2000	
NM-MSFLR-VC11*	0.35

- see notes on Page 2

Table 5

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Concrete Sampling Analytical Results
for Total PCBs (ppm)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February, June, and July 2000.
2. Samples collected from the Transformer Shop and the Versaire Building were analyzed by Scilab Albany, Inc. (Scilab) of Latham, New York for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. Samples collected from the Machine Shop were analyzed by Galson Laboratories, Inc. (Galson) of East Syracuse, New York for PCBs using USEPA SW-846 Method 8082.
4. Concentrations are reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
5. J = Indicates an estimated value
6. D = Indicates that the presented value is based on the laboratory analysis of a diluted sample.
7. < = Indicates each Aroclor was not detected above the presented concentration.
8. Sample designations indicate the following:
   NM = Niagara Mohawk Power Corporation;
   TSHWA = Transformer Shop;
   VC = Verification Concrete Sample;
   MSFLR = Machine Shop Floor; and
   VBSW = Versaire Building Sidewall.
9. * - Indicates that the analytical results were validated.

Table 6

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Soil Sampling Analytical Results
for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Samples Collected February 11, 2000	
NM-TSOILIM-VS1	0.17 J
NM-TSOILIM-VS2	0.40 J
NM-TSOILIM-VS3	3.8 J
NM-TSOILIM-VS4	2.6 J
Samples Collected July 12, 2000	
NM-TSOIL-VS1	0.26
NM-TSOIL-VS2	0.49 D
NM-TSOIL-VS3	0.43 D
NM-TSOIL-VS4	0.90 D
DUP-1 <NM-TSOIL-VS4>	1.9 D
NM-TSOIL-VS5	0.34
NM-TSOIL-VS6	2.8 D
NM-TSOIL-VS7	1.3 D
NM-TSOIL-VS8	0.33
NM-TSOIL-VS9	1.5 D
NM-TSOIL-VS10	2.2 D
NM-TSOIL-VS11	0.74 D
NM-TSOIL-VS12	0.78 D
NM-TSOIL-VS13	14.7 D
NM-TSOIL-VS13A	0.30
DUP-2 <NM-TSOIL-VS13A>	0.39 D
NM-TSOIL-VS14	3.0 D
NM-TSOIL-VS15	5.4 D
NM-TSOIL-VS16	4.0 D

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February and July 2000.
2. Samples analyzed for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082 by Galson Laboratories, Inc. (Galson) of East Syracuse, New York.
3. Concentrations are reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. J = Indicates an estimated value
5. D = Indicates that the presented value is based on the laboratory analysis of a diluted sample.
6. Sample designations indicate the following:
   NM = Niagara Mohawk Power Corporation;
   TSOILIM = Soil sample collected from limits of excavation in the Transformer Shop Hazardous Waste Storage Area;
   VS = Verification Sample;
   VS-13A = Resample of verification soil sample VS-13 following removal of an additional foot of and additional foot of soil from beneath the former concrete office slab.
   TSOIL = Soil sample collected from the Transformer Shop following concrete floor removal; and
   DUP = Duplicate sample.
7. Analytical results have been validated,

Table 7

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Wipe Sampling Analytical Results for
Total PCBs (µg/100 cm^2)

Sample ID	Total PCB Concentration (µg/100cm^2)
Transformer Shop	
Samples Collected February 7, 2000	
NM-TSPUMP-VW1	3 J
NM-TSPUMP-VW2	< 2 J
NM-TSPUMP-VW3	< 2 J
NM-TSPUMP-VW4	< 2 J
Samples Collected March 29, 2000	
NM-TSTE-VW1	1
NM-TSTE-VW2	1.9
NM-TSTE-VW3	2
Outdoor Tank Facility	
Samples Collected February 7, 2000	
NM-37301-VW1	< 2 J
NM-37301-VW2	< 2 J
NM-37301-VW3	< 2 J
Samples Collected February 10, 2000	
NM-E37301-VW1	< 1
NM-E37301-VW2	< 1
NM-E37301-VW3	< 1
NM-E37301-VW4	< 1
NM-373SCT-VW1	< 1
NM-373SCT-VW2	< 1
NM-373SCT-VW3	< 1
NM-PUMPAN-VW1	< 1
NM-PUMPAN-VW2	< 1
Versaire Building	
Samples Collected February 9, 2000	
NM-VBTE-VW1	< 2 J
NM-VBTE-VW2	< 2 J
NM-VBTE-VW3	4 J

- see notes on Page 2

Table 7

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Wipe Sampling Analytical Results for
Total PCBs (µg/100 cm^2)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) for equipment in the Transformer Shop, Versaire Building, and Outdoor Tank Facility.
2. Samples analyzed for polychlorinated biphenyls (PCBs) by Scilab Albany, Inc. (Scilab) of Latham, New York using USEPA SW-846 Method 8082.
3. Concentrations reported in micrograms per 100 square centimeters (µg/100 cm^2).
4. Sample designations indicate the following:
   NM = Niagara Mohawk Power Corporation;
   TSPUMP = Transformer Shop pump;
   TSTE = Transformer Shop tranport equipment;
   E37301 = Exterior surface of Tank 373;
   373SCT= Tank 373 secondary containment tank;
   VW = Verification Wipe;
   VBTE = Versaire Building transport equipment;
   DUP = Duplicate sample; and
   PUMPAN = Indicates a part number on a piece of equipment wipe sampled.
5. J = Indicates an estimated value.
6. < = Each Aroclor was not detected above the presented concentration.
7. Analytical results have been validated.

Table 8

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Rinsate Sampling Analytical Results

Constituent	NYSDEC Ground-Water Standards/ Guidance Value	Sample ID						
		NM-OTFTP-VR1	NM-OTFTP-VR2	NM-OTFFC-VR1	NM-OTFCC-VR1	NM-VHSWA-VR1	NM-VHSEA-VR1	NM-VHS-DUP1
		2/25/00	2/25/00	2/25/00	2/25/00	10/18/00	10/18/00	10/18/00
PCBs (ppb)								
Total PCBs	0.09	< 0.5	< 0.5	NA	NA	0.025 J	< 0.05	0.04 J
TCL VOCs (ppb)								
Acetone	50	<10	<10	<10	<10	<10	10 J	<10
Methylene Chloride	5	<5	<5	<5	<5	<5	3 J	2 J
Carbon Disulfide	-	< 5	12	< 5	NA	<5	<5	<5
2-Butanone - (MEK)	50	20	< 10	< 10	NA	<10	<10	<10
Chloroform	7	1 J	< 5	< 5	NA	<5	<5	<5
TCL SVOCs (ppb)								
No TCL SVOCs detected		ND	ND	NA	NA	ND	ND	ND
RCRA Metals (ppb)								
Barium	1,000	<1	<1	NA	NA	1 B	<1	<1
Wet Chemistry (S.U.)								
pH	NA	NA	NA	NA	NA	5.3	NA	NA

- see notes on Page 2

Table 8

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Verification Rinsate Sampling Analytical Results

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) on February 25, 2000 and October 18, 2000.
2. Sample collected on February 25, 2000 were analyzed by Scilab Albany, Inc. (Scilab) of Latham, New York and samples collected on October 18, 2000 were analyzed by Galson Laboratories, Inc. (Galson) of East Syracuse, New York. for the following:
3. Samples were analyzed for the following :
   - Polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082;
   - TCL volatile organic compounds (VOCs) using USEPA SW-846 Method 8260;
   - TCL semi-volatile organic compounds (SVOCs) using USEPA SW-846 Method 8270; and
   - TAL inorganic constituents using USEPA SW-846 Method 6010 except for mercury which was analyzed using Method 7470/7471.
4. Concentrations reported in parts per billion (ppb) or micrograms per kilogram (mg/kg) except for pH which is reported in standard units (S.U.).
5. TCL = Target Compound List.
6. TAL = Target Analyte List.
7. < = Indicates that the constituent was not detected at a concentration exceeding the laboratory detection limit.
8. J = Indicates an estimated value.
9. B = Indicates a value which is greater than or equal to the instrument detection limit, but less than the contract required detection limit.
10. - = No NYSDEC Ground-Water Standards/Guidance Value was presented for carbon disulfide.
11. Ground-Water Standards/Guidance Values presented in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) document entitled "Ambient Water Quality Standards and Guidance Values and Ground-Water Effluent Limitations", dated June 1998. Class GA standards/guidance values are reported where available.
12. * = Indicates a NYSDEC ambient water guidance value.
13. NA = Not analyzed.
14. ND = None detected.
15. Sample designations indicate the following:
    NM = Niagara Mohawk Power Corporation;
    OTFTP = Outdoor Tank Facility Truck Pad;
    OTFFC = Outdoor Tank Facility Flammables Cabinet;
    OTFCC = Outdoor Tank Facility Corrosives Cabinet; and
    VHSWA/VHSEA = Versaire Hazardous Waste Storage Shed Western (W)/Eastern (E) Containment Areas.
16. Only constituents detected in any one sample are reported.
17. Analytical results have been validated.

Table 9

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Concrete Characterization Sampling Analytical Results
for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Transformer Shop	
Samples Collected February 25, 2000	
NM-TSFLR-C1	9.6
NM-TSFLR-C2	11
NM-TSFLR-C3	0.6
DUP-1 <NM-TSFLR-C3>	0.67
NM-TSFLR-C4	0.98
NM-TSFLR-C5	0.37
NM-TSFLR-C6	18
NM-TSFLR-C7	6.2
NM-TSFLR-C8	1.2
NM-TSFLR-C9	0.67
NM-TSFLR-C10	0.83
NM-TSFLR-C11	< 3.6
NM-TSFLR-C12	25
NM-TSFLR-C13	19
NM-TSFLR-C14	100
NM-TSFLR-C15	16
NM-TSFLR-C16	86
NM-TSFLR-C17	36
NM-TSFLR-C18	110
NM-TSFLR-C19	7.4
NM-TSFLR-C20	38
NM-TSFLR-C21	9.4
DUP-2 <NM-TSFLR-C21>	8.1
Samples Collected March 6, 2000	
NM-TSFLR-C22	1.9
NM-TSFLR-C23	7.5
NM-TSFLR-C24	1.9
NM-TSFLR-C25	6.5
NM-TSFLR-C26	7.6
NM-TSFLR-C27	13
NM-TSFLR-C28	33
NM-TSFLR-C29	35
DUP-3 <NM-TSFLR-C29>	42
NM-TSFLR-C30	3.6
NM-TSFLR-C31	2.9
NM-TSFLR-C32	7.2
NM-TSFLR-C33	1.2
NM-TSFLR-C34	2.7
NM-TSFLR-C35	1.2

Table 9

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Concrete Characterization Sampling Analytical Results for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Transformer Shop	
Samples Collected March 15, 2000	
NM-TSFLR-C44	14.5
NM-TSFLR-C45	11.2
NM-TSFLR-C46	5.2
Samples Collected March 22, 2000	
NM-TSFLR-C47	0.9
NM-TSFLR-C48	2.2
NM-TSFLR-C49	1.6
DUP-5 <NM-TSFLR-C49>	2.0
NM-TSFLR-C50*	< 0.5
Samples Collected March 29, 2000	
NM-TSFLR-C59	2.1
NM-TSFLR-C60	2.2
NM-TSFLR-C61	0.8
DUP-6 <NM-TSFLR-C61>	0.9
NM-TSFLR-C62	2.3
Samples Collected April 4, 2000	
NM-TSFLR-C63*	< 0.5
NM-TSFLR-C64*	< 0.5
Truck Dock	
Samples Collected March 6, 2000	
NM-TSFLR-C36	77
NM-TSFLR-C37	59
NM-TSFLR-C38	44
NM-TSFLR-C39	11
Samples Collected March 22, 2000	
NM-TSFLR-C53 (W)	30
NM-TSFLR-C54* (W)	1.4
NM-TSFLR-C55 (W)	75
Samples Collected March 29, 2000	
NM-TSFLR-C55A (0-1") (W)	52
NM-TSFLR-C55B (1-2") (W)	17
NM-TSFLR-C55C (2-3") (W)	4.3
NM-TSFLR-C56* (W)	< 0.5
NM-TSFLR-C57* (W)	1.9
Samples Collected April 4, 2000	
NM-TSFLR-C66	7.3
DUP-7 <NM-TSFLR-C66>	7.7
NM-TSFLR-C67* (W)	2.0
NM-TSFLR-C68* (W)	< 0.5
NM-TSFLR-C69* (W)	1.6

Table 9

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Concrete Characterization Sampling Analytical Results for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Machine Shop	
Samples Collected March 15, 2000	
NM-TSFLR-C40*	0.6
NM-TSFLR-C41*	0.6
NM-TSFLR-C42*	2.7
NM-TSFLR-C43	31
DUP-4 <NM-TSFLR-C43>	31
NM-TSFLR-A3*	< 0.5 J
NM-TSFLR-A4	5.3
Samples Collected March 22, 2000	
NM-TSFLR-C51	2.0
NM-TSFLR-C52	0.8
Samples Collected March 29, 2000	
NM-TSFLR-C58	1.2
Samples Collected April 4, 2000	
NM-TSFLR-C43A (0-1")	26
NM-TSFLR-C43B (1-2")	5.8
NM-TSFLR-C43C (2-3")	1.2
NM-TSFLR-C65*	< 0.5

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February, March, and April 2000.
2. Samples analyzed by Scilab Albany, Inc. (Scilab) of Latham, New York for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082 as referenced in the NYSDEC 1995 Analytical Services Protocol (ASP).
3. Concentrations are reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. Sample designations indicate the following:
   NM = Niagara Mohawk Power Corporation;
   (W) = Wall sample;
   C = Concrete sample;
   A3, A4 = Originally archived samples collected from the Machine Shop Floor; and
   DUP = Duplicate sample.
5. With the exception of the samples indicated by a (W), the concrete characterization samples were collected from the floor of the Transformer Shop, Truck Dock, and Machine Shop.
6. J = Indicates an estimated value.
7. < = Indicates that each Aroclor was not detected above the presented concentration.
8. Shaded values indicated that PCBs were detected at a concentration exceeding the 1 ppm cleanup criteria for unrestricted access or 10 ppm cleanup criteria for restricted access areas as presented in Table 1.
9. The floors and walls of the truck dock are considered to be located in restricted access areas.
10. * - Indicates that the analytical results have been validated.

Table 10

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

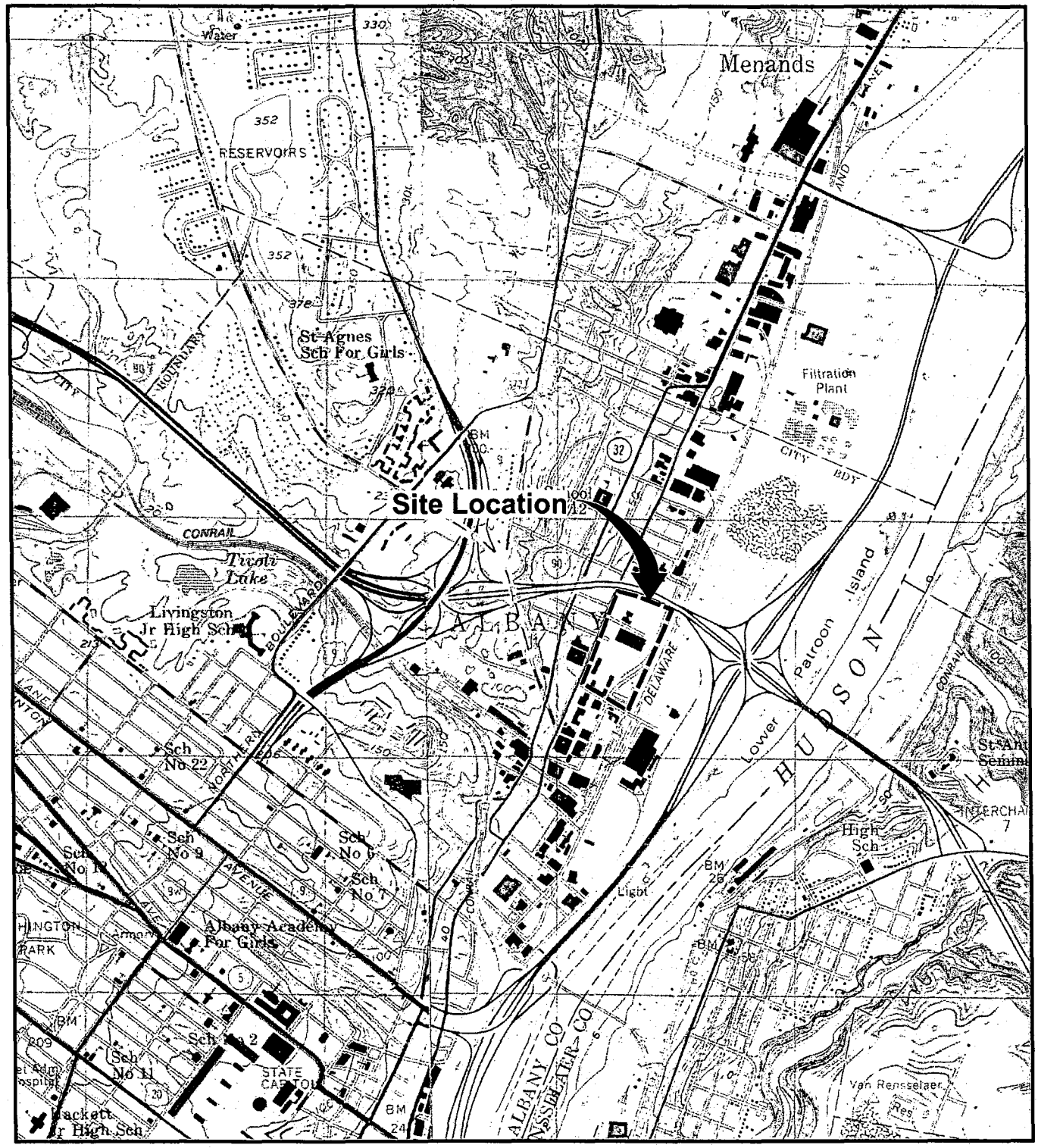
TSDF Closure Activities
Soil Characterization Sampling Analytical Results for Total PCBs (ppm)

Sample ID	Total PCB Concentration
TS-1 (0-2')	1.0
TS-2 (0-2')	< 0.6
TS-3 (0-2')	< 0.6
TS-4 (0-2')	< 0.6

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) on April 4 and 5, 2000.
2. Samples analyzed by Scilab Albany, Inc. (Scilab) of Latham, New York for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. Sample designations indicate the following:
   TS= Transformer Shop Soil Boring Location.
5. < = Indicates that each Aroclor was not detected above the presented concentration.
6. The analytical results have been validated.
7. Additional samples were collected from deeper depth intervals and submitted for laboratory analysis for PCBs, VOCs, SVOCs, and TAL Inorganic Constituents (plus cyanide). Analytical results for soil samples collected from deeper depth intervals will he incorporated into the Manufactured Gas Plant (MGP) Investigation for the site to be summarized under separate cover.

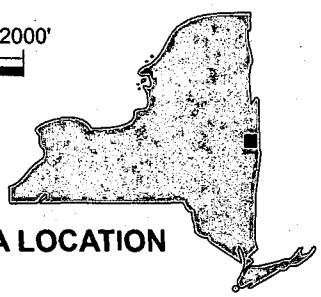
Figures



REFERENCE: BASE MAP USGS QUADS., ALBANY, NEW YORK, 1980 AND TROY SOUTH, NEW YORK, 1980.

2000' 0 2000'

Approximate Scale: 1" = 2000'



AREA LOCATION

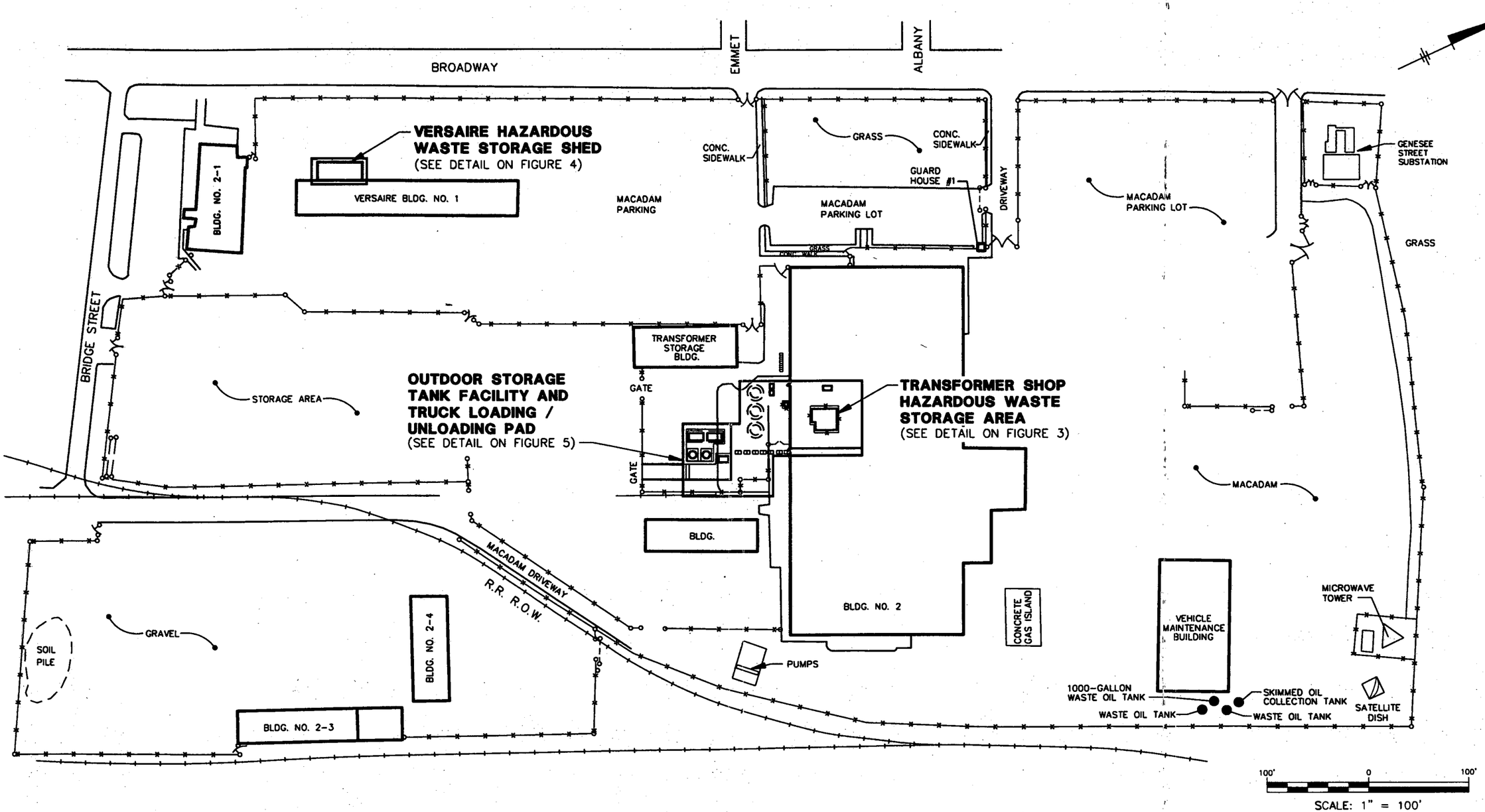
NIAGARA MOHAWK
NORTH ALBANY SERVICE CENTER
TSDF CLOSURE ACTIVITIES

SITE LOCATION MAP

BBL BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE 1

11/00 SYR-D54-DJH
36469002/36455n01.cdr



NOTES:

1. SITE PLAN DIGITIZED FROM NIAGARA MOHAWK POWER CORPORATION DRAWING NO. D-24687-E, FILE NO. INDEX 20.3-A1.1-B2, DATED 10/29/85.
2. ALL LOCATIONS ARE APPROXIMATE.

LEGEND

- FENCE
- EXISTING RAILROAD
- TSDF BOUNDARY

NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

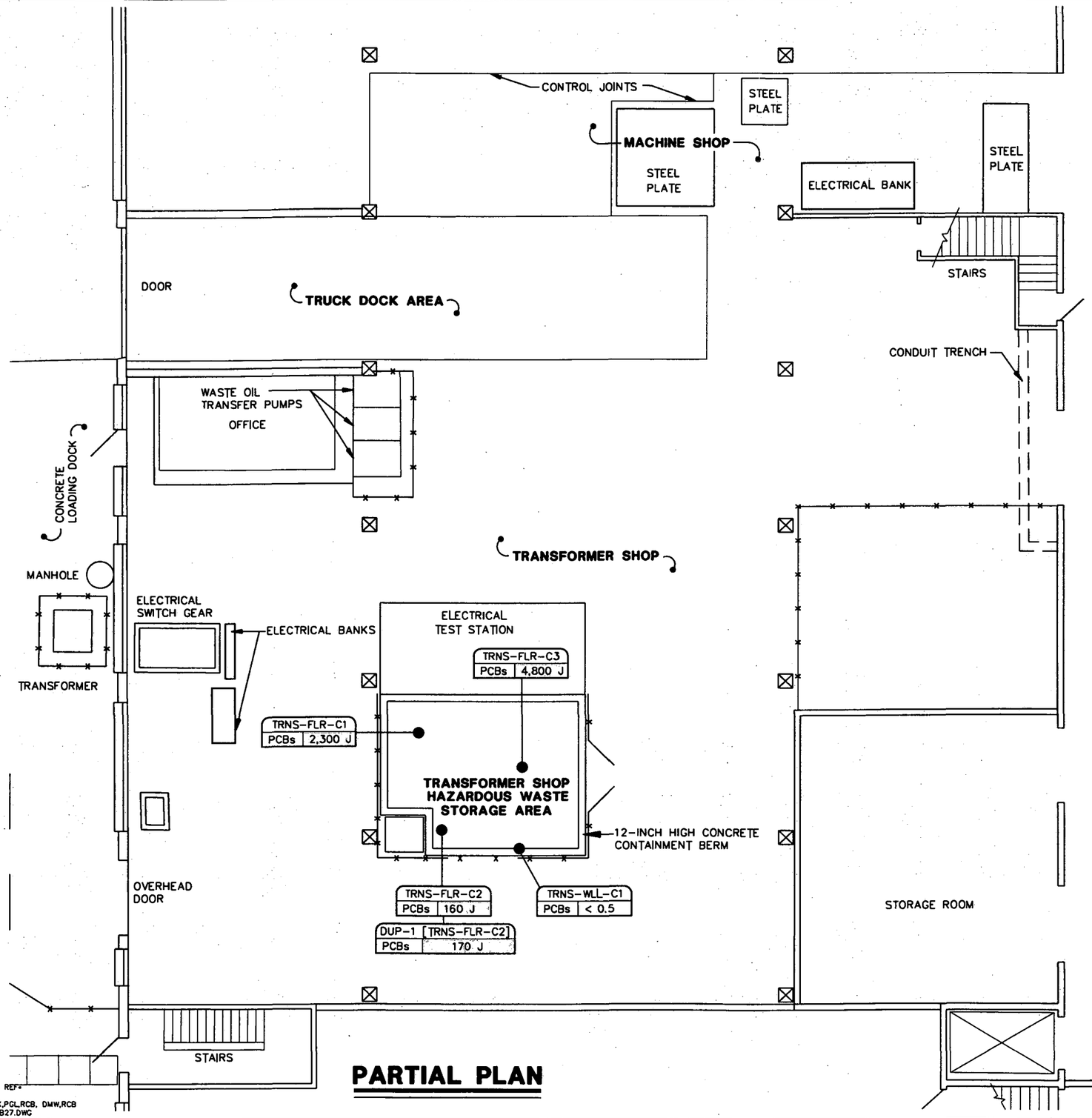
TSDF CLOSURE ACTIVITIES

SITE PLAN

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE 2

L: ON= * OFF= REF*
P: STD BLPCP
10/23/00 54-AK RCA PGL RCB DMW
36455001/36455B26.DWG



L: ON= * OFF= REF=
P: STD BL_PCP
10/27/00 54-AK,PGL,RCB, DMW,RCB
36455001/36455827.DWG

PARTIAL PLAN

LEGEND

- COLUMN
- FENCE
- PULVERIZED CONCRETE FLOOR/BERM WALL SAMPLE

SAMPLE IDENTIFICATION

TRNS-FLR-C1	
PCBs	2,300 J

CONCENTRATION (ppm)

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
3. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. J = ESTIMATED CONCENTRATION.
6. SHADED VALUES INDICATE THAT PCBs WERE DETECTED AT A CONCENTRATION EXCEEDING THE 1 PPM CLEANUP CRITERIA FOR CONTINUED USE OF POROUS SURFACES IN AN UNRESTICTED ACCESS AREA.
7. PCB CONCENTRATIONS ARE PRESENTED IN PARTS PER MILLION (ppm).
8. ANALYTICAL RESULTS HAVE BEEN VALIDATED.

0 12' 24'

GRAPHIC SCALE

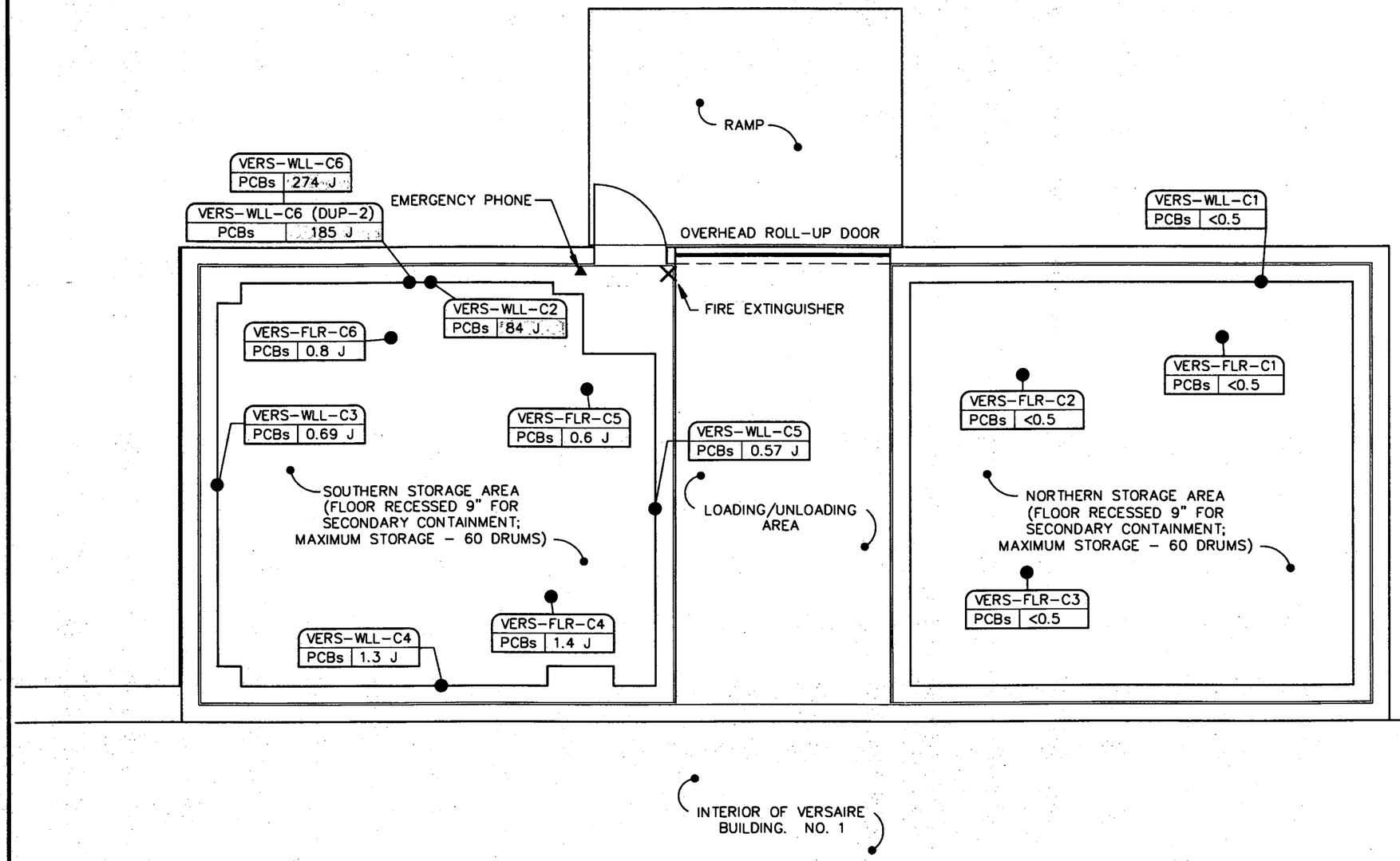
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

TRANSFORMER HAZARDOUS WASTE STORAGE AREA PRECLOSURE SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

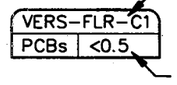
FIGURE 3



PLAN

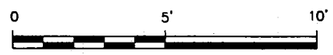
LEGEND

- PULVERIZED CONCRETE FLOOR/ RECESSED WALL SAMPLE



NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX SHEET."
2. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
3. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. J = ESTIMATED CONCENTRATION.
6. SHADED VALUES INDICATE THAT PCBs WERE DETECTED AT A CONCENTRATION EXCEEDING THE 10 PPM CLEANUP CRITERIA FOR CONTINUED USE OF POROUS SURFACES IN A RESTRICTED ACCESS AREA.
7. PCB CONCENTRATIONS PRESENTED IN PARTS PER MILLION (ppm).
8. ANALYTICAL RESULTS HAVE BEEN VALIDATED.



NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

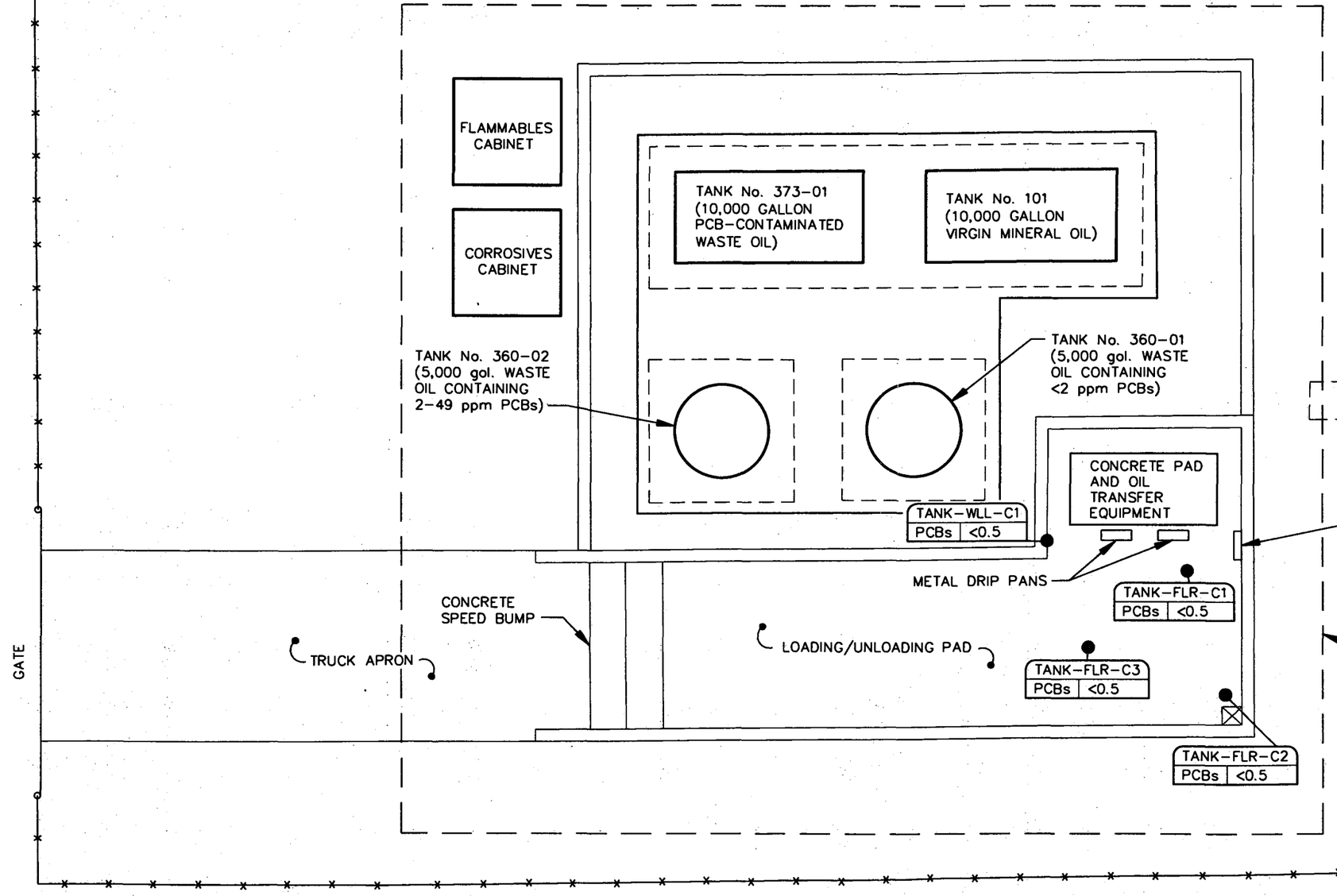
TSDF CLOSURE ACTIVITIES

VERSAIRE HAZARDOUS WASTE STORAGE SHED PRE-CLOSURE SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 4

L: ON= * OFF= REF*
P: STD BL.PCP
12/18/00 54- RCA RCB PGL DMW RCB
36455001/36455828.DWG



PARTIAL PLAN

LEGEND

- FENCE
- PULVERIZED CONCRETE FLOOR / BERM WALL SAMPLE
- SAMPLE IDENTIFICATION
- CONCENTRATION (ppm)

TANK-FLR-C1 | PCBs | <0.5

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX SHEET."
2. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
3. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. PCB CONCENTRATIONS ARE PRESENTED IN PARTS PER MILLION (ppm).
6. ANALYTICAL RESULTS HAVE BEEN VALIDATED.

0 10' 20'

GRAPHIC SCALE

NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

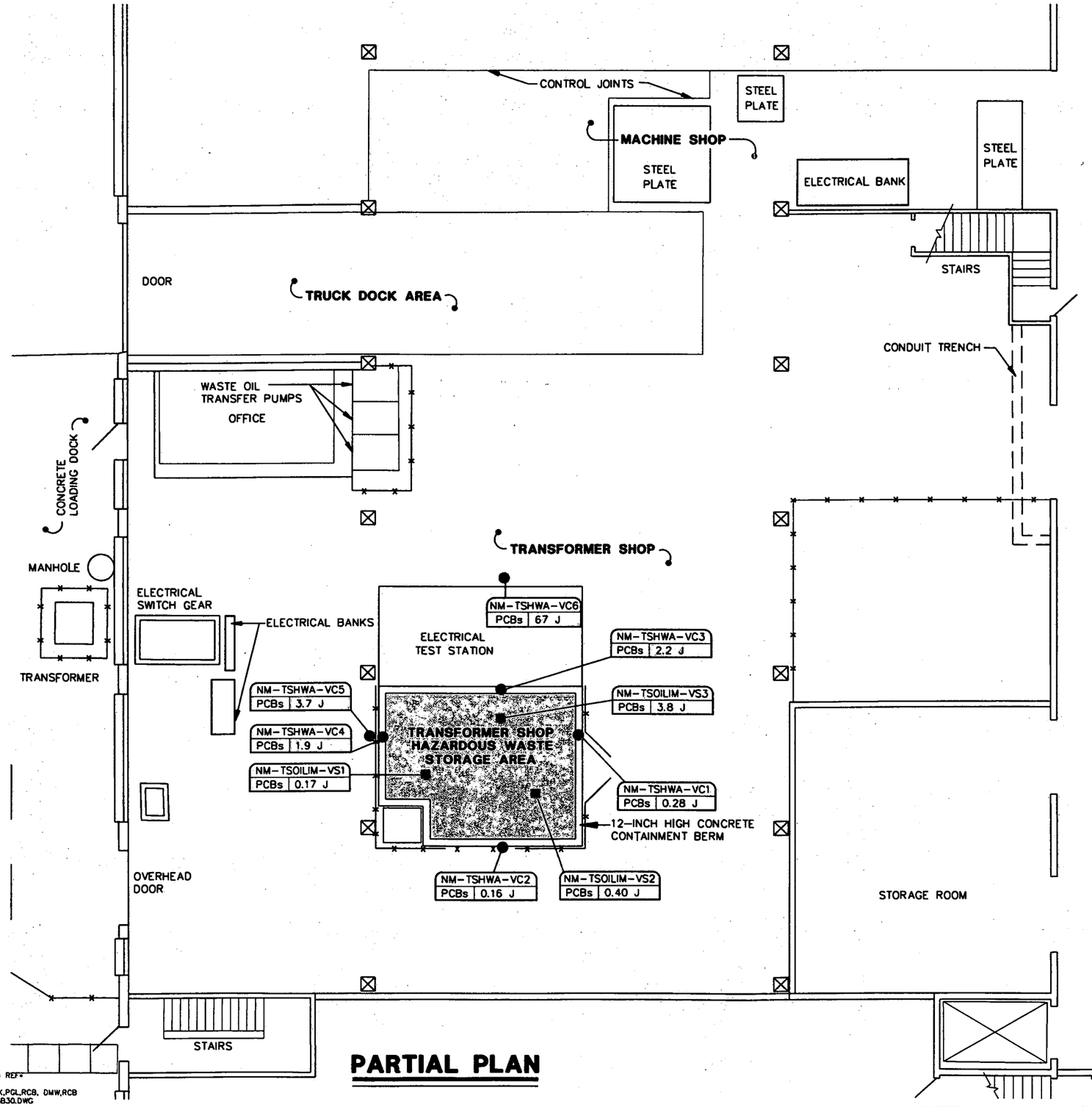
TSDF CLOSURE ACTIVITIES

OUTDOOR STORAGE TANK FACILITY AND TRUCK LOADING/UNLOADING PAD PRE-CLOSURE SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 5

L: ON= * OFF= REF*
P: STD BL.PCP
10/23/00 54-RCA PGL RCB DMW
36455001/36455829.0WG



L: ON= • OFF= REF=
P: STD BL.PCP
10/27/00 54-AK,PGL,RCB, DMW,RCB
38455001/38455B30.DWG

PARTIAL PLAN

LEGEND

- COLUMN
- FENCE
- APPROXIMATE EXTENT OF INITIAL CONCRETE FLOOR REMOVAL
- VERIFICATION CONCRETE SAMPLE LOCATION
- VERIFICATION SOIL SAMPLE LOCATION

SAMPLE IDENTIFICATION	
NM-TSHWA-VC3	
PCBs	2.2 J
CONCENTRATION (ppm)	

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
3. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. J = ESTIMATED CONCENTRATION.
6. SHADED VALUES INDICATE THAT PCBs WERE DETECTED AT A CONCENTRATION EXCEEDING THE 1 PPM CLEANUP CRITERIA FOR CONTINUED USE OF POROUS SURFACES IN AN UNRESTICTED ACCESS AREA.
7. PCB CONCENTRATIONS ARE PRESENTED IN PARTS PER MILLION (ppm).
8. ANALYTICAL RESULTS HAVE BEEN VALIDATED.

0 12' 24'

GRAPHIC SCALE

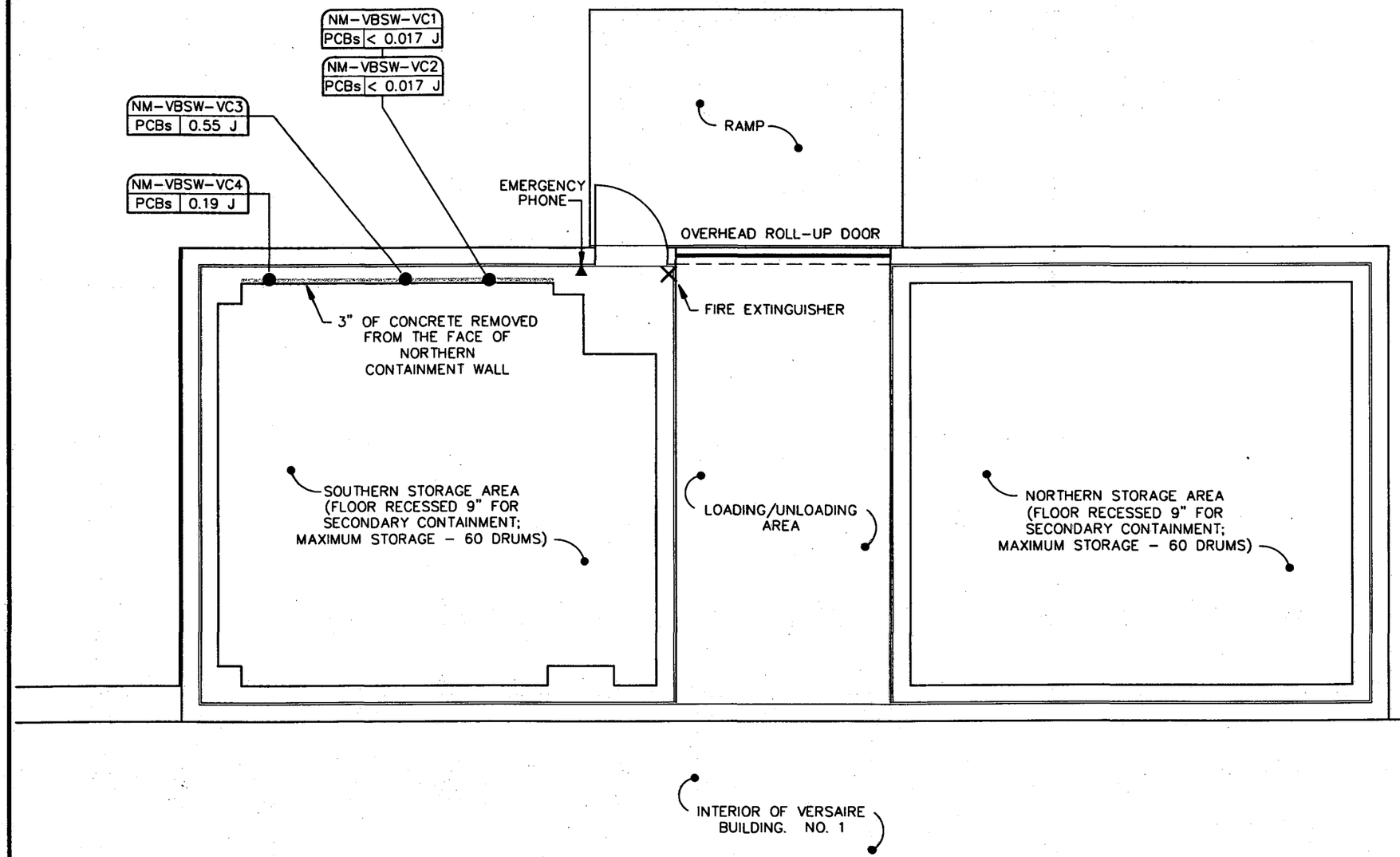
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

TRANSFORMER SHOP HAZARDOUS WASTE STORAGE AREA: APPROXIMATE EXTENT OF INITIAL CONCRETE REMOVAL ACTIVITIES AND VERIFICATION CONCRETE & SOIL SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 6



PLAN

LEGEND

- PULVERIZED VERIFICATION CONCRETE RECESSED WALL SAMPLE
- APPROXIMATE EXTENT OF CONCRETE CONTAINMENT WALL REMOVAL

NM-VBSW-VC3 | PCBs | 0.55 J

SAMPLE IDENTIFICATION

CONCENTRATION (ppm)

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX SHEET."
2. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
3. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. J = ESTIMATED CONCENTRATION.
6. PCB CONCENTRATIONS ARE PRESENTED IN PARTS PER MILLION (ppm).
7. ANALYTICAL RESULTS HAVE BEEN VALIDATED.

0 5' 10'

GRAPHIC SCALE

NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

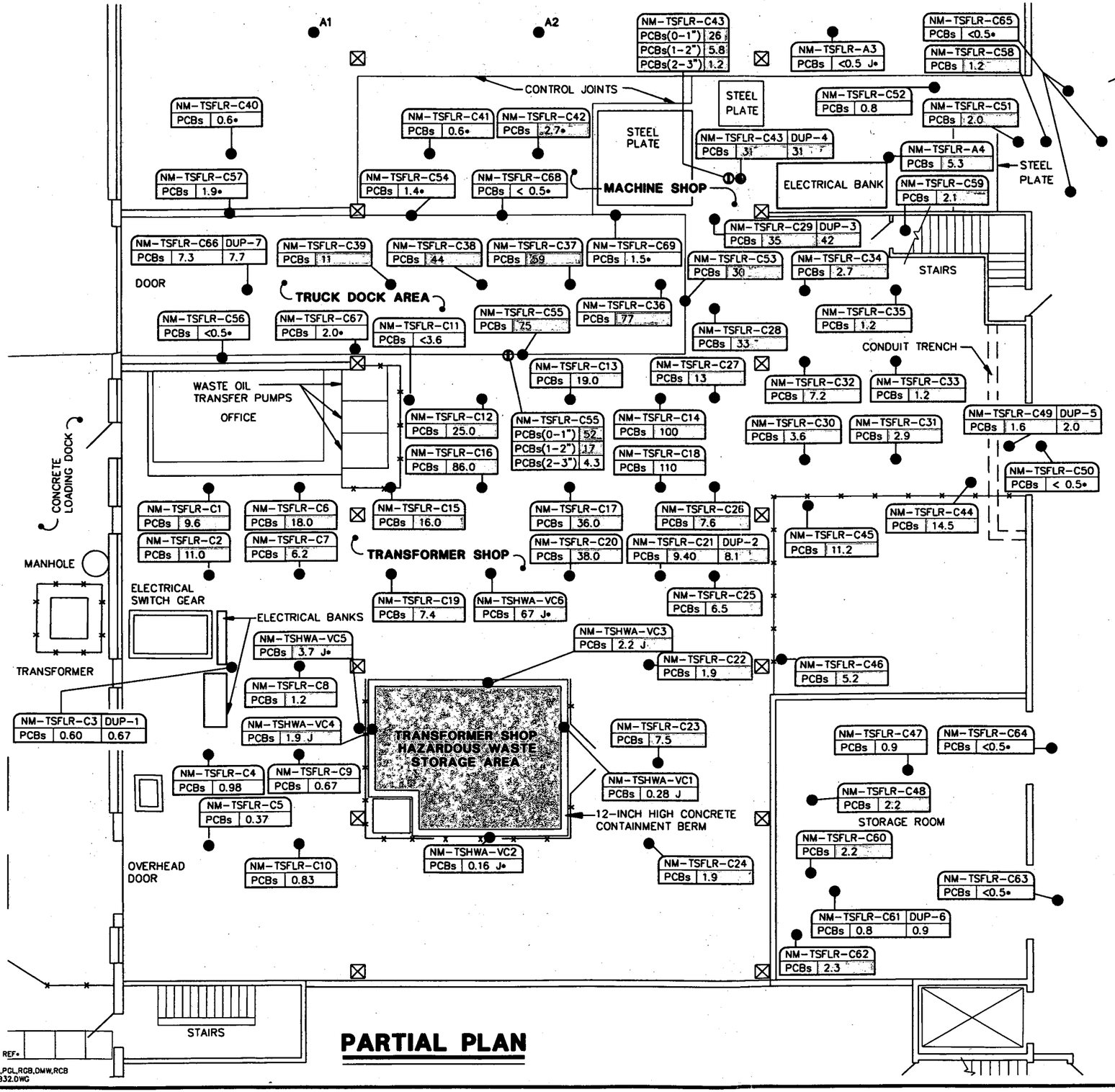
TSDF CLOSURE ACTIVITIES

VERSAIRE HAZARDOUS WASTE STORAGE SHED APPROXIMATE EXTENT OF CONCRETE REMOVAL ACTIVITIES AND VERIFICATION CONCRETE SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 7

L: ON= * OFF= REF*
P: STD BL.PCP
12/18/00 54- RCA RCB PGL DMW RCB
36455001/36455B31.DWG



PARTIAL PLAN

LEGEND

- COLUMN
- FENCE
- AREA OF PRIOR SOIL AND CONCRETE REMOVAL (BERM WALLS TO BE REMOVED)
- CONCRETE SAMPLE LOCATION
- DEPTH INTEGRATED SAMPLE: PULVERIZED CONCRETE SAMPLES COLLECTED FROM DEPTH INTERVALS (0–1", 1–2", & 2–3")

NM-TSFLR-C5 (SAMPLE IDENTIFICATION)
PCBs 0.37 (CONCENTRATION (ppm))

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
3. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL LOCATIONS ARE APPROXIMATE.
5. J = ESTIMATED CONCENTRATION.
6. < = INDICATES THAT PCBs WERE NOT DETECTED AT A CONCENTRATION EXCEEDING THE LABORATORY DETECTION LIMIT.
7. DUP = DUPLICATE SAMPLE
8. GREEN SHADED VALUES INDICATE THAT PCBs WERE DETECTED AT A CONCENTRATION EXCEEDING THE 1 PPM CLEANUP CRITERIA FOR CONTINUED USE OF POROUS SURFACES IN AN UNRESTRICTED ACCESS AREA.
9. PURPLE SHADED VALUES INDICATE THAT PCBs WERE DETECTED AT A CONCENTRATION EXCEEDING THE 10 ppm CLEANUP CRITERIA FOR CONTINUED USE OF POROUS SURFACES IN A RESTRICTED ACCESS AREA.
10. PCB CONCENTRATIONS PRESENTED IN PARTS PER MILLION (ppm).
11. • = INDICATES THAT THE ANALYTICAL RESULTS WERE VALIDATED.

0 12' 24'
GRAPHIC SCALE

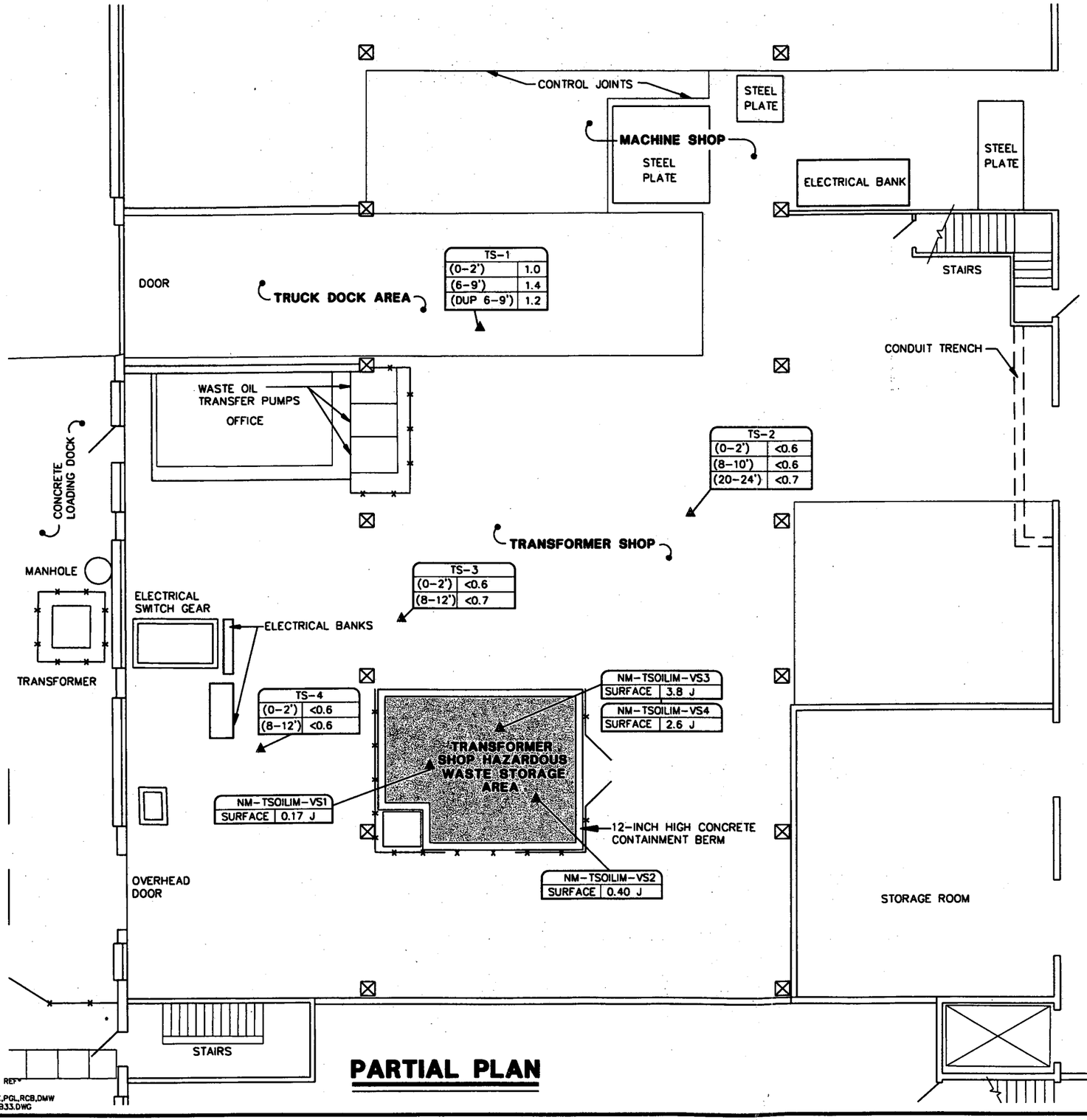
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

CONCRETE CHARACTERIZATION SAMPLING LOCATIONS AND PCB SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 8



L: ON= * OFF= REF*
P: STD BL.PCP
10/23/00 54-AK,PGL,RCB,DMW
36455001/36455B33.DWG

PARTIAL PLAN

LEGEND

- COLUMN
- FENCE
- AREA OF PRIOR SOIL AND CONCRETE REMOVAL(BERM WALLS TO BE REMOVED)
- SOIL SAMPLING LOCATION

NM-TSOILIM-VS2 — SAMPLE ID
(0-2') 0.40 J — PCB CONCENTRATION (PPM)
SAMPLE DEPTH RANGE

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. SOIL SAMPLES NM-TSOILIM-VS-1 THROUGH VS-3 WERE COLLECTED FROM THE SURFACE BY BBL FOLLOWING REMOVAL OF THE CONCRETE FLOOR AND 6-INCHES OF SUBGRADE MATERIAL.
3. SOIL SAMPLES ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
4. ALL LOCATIONS ARE APPROXIMATE.
5. J = ESTIMATED CONCENTRATION.
6. < = INDICATES THAT PCBs WERE NOT DETECTED AT CONCENTRATIONS EXCEEDING LABORATORY DETECTION LIMITS.
7. DUP = DUPLICATE SAMPLE.
8. PCB CONCENTRATIONS PRESENTED IN PARTS PER MILLION (ppm).
9. ANALYTICAL RESULTS HAVE BEEN VALIDATED.

0 12' 24'
GRAPHIC SCALE

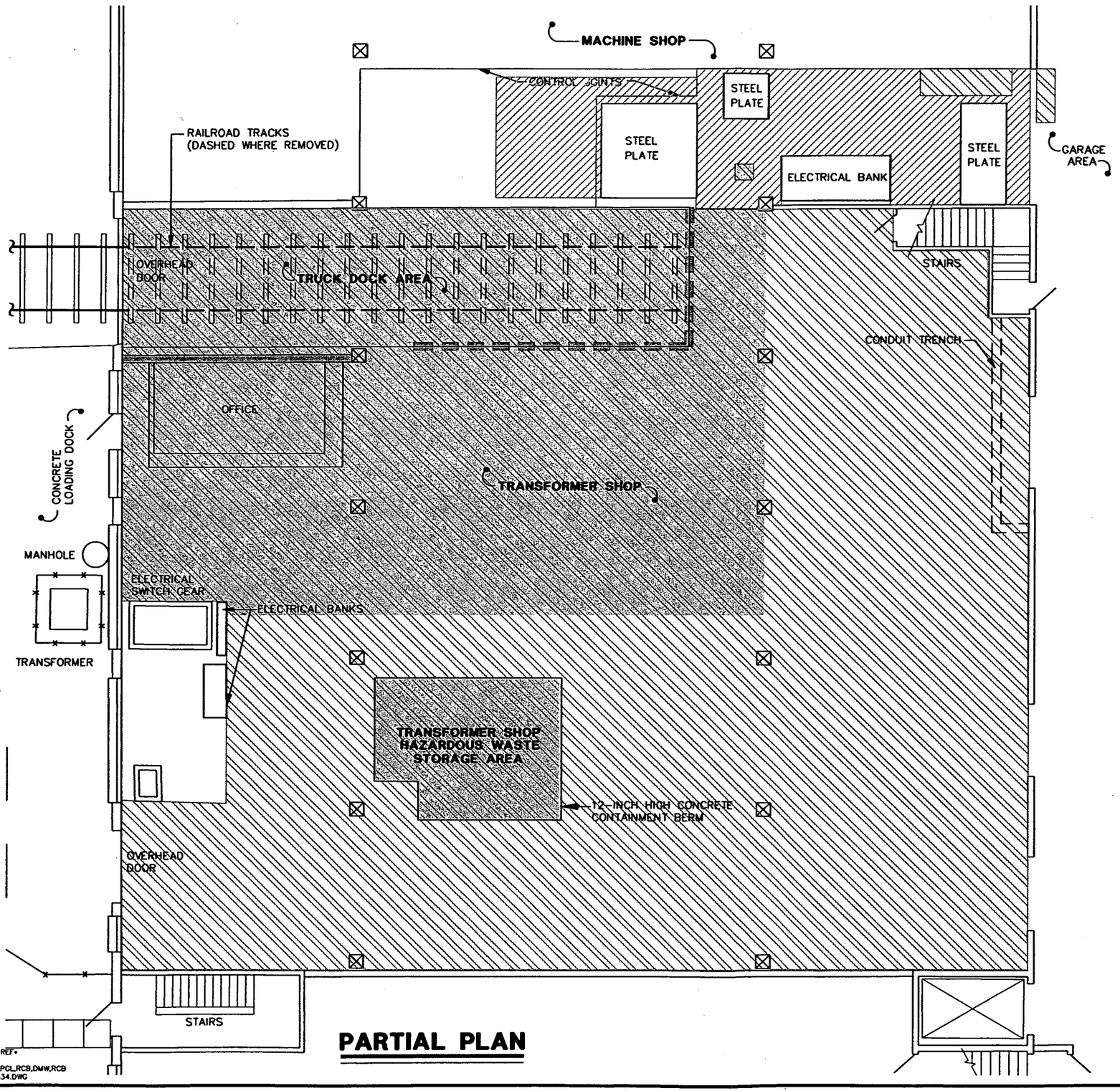
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

SOIL CHARACTERIZATION SAMPLING LOCATIONS AND PCB SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 9



PARTIAL PLAN

L: ON= • OFF= REF•
P: STD BL.PCP
10/27/00 54-AK,PGL,RCB,DMW,RCB
36455001/36455B34.DWG

LEGEND

- COLUMN
- FENCE
- EXTENT OF 4' CONCRETE TRUCK DOCK WALL REMOVED
- 11' X 26' CONCRETE BLOCK WALL REMOVED
- EXTENT OF CONCRETE FLOOR REMOVED
- EXTENT OF CONCRETE FLOOR SCARIFIED
- EXTENT OF TSCA-REGULATED MATERIAL

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. EXTENT OF FLOOR REMOVAL, WALL REMOVAL, AND CONCRETE SCARIFICATION ACTIVITIES ARE BASED ON FIELD MEASUREMENTS AND ARE APPROXIMATE.
3. CONCRETE SLAB WAS 6 INCHES THICK EXCEPT IN OFFICE WHERE THE FLOOR WAS 12 INCHES THICK.
4. HAZARDOUS WASTE STORAGE AREA BERMS ALSO REMOVED AS PART OF ACTIVITIES.
5. RAILROAD TRACKS IN TRUCK DOCK AREA WERE ALSO REMOVED AS PART OF ACTIVITIES.
6. APPROXIMATELY ONE FOOT OF SOIL WAS EXCAVATED FROM BENEATH THE TRANSFORMER SHOP FLOOR SLAB AND TWO FEET OF SOIL WAS EXCAVATED FROM BENEATH THE TRUCK DOCK CONCRETE FLOOR SLAB FOR OFF-SITE DISPOSAL.

0 12' 24'

GRAPHIC SCALE

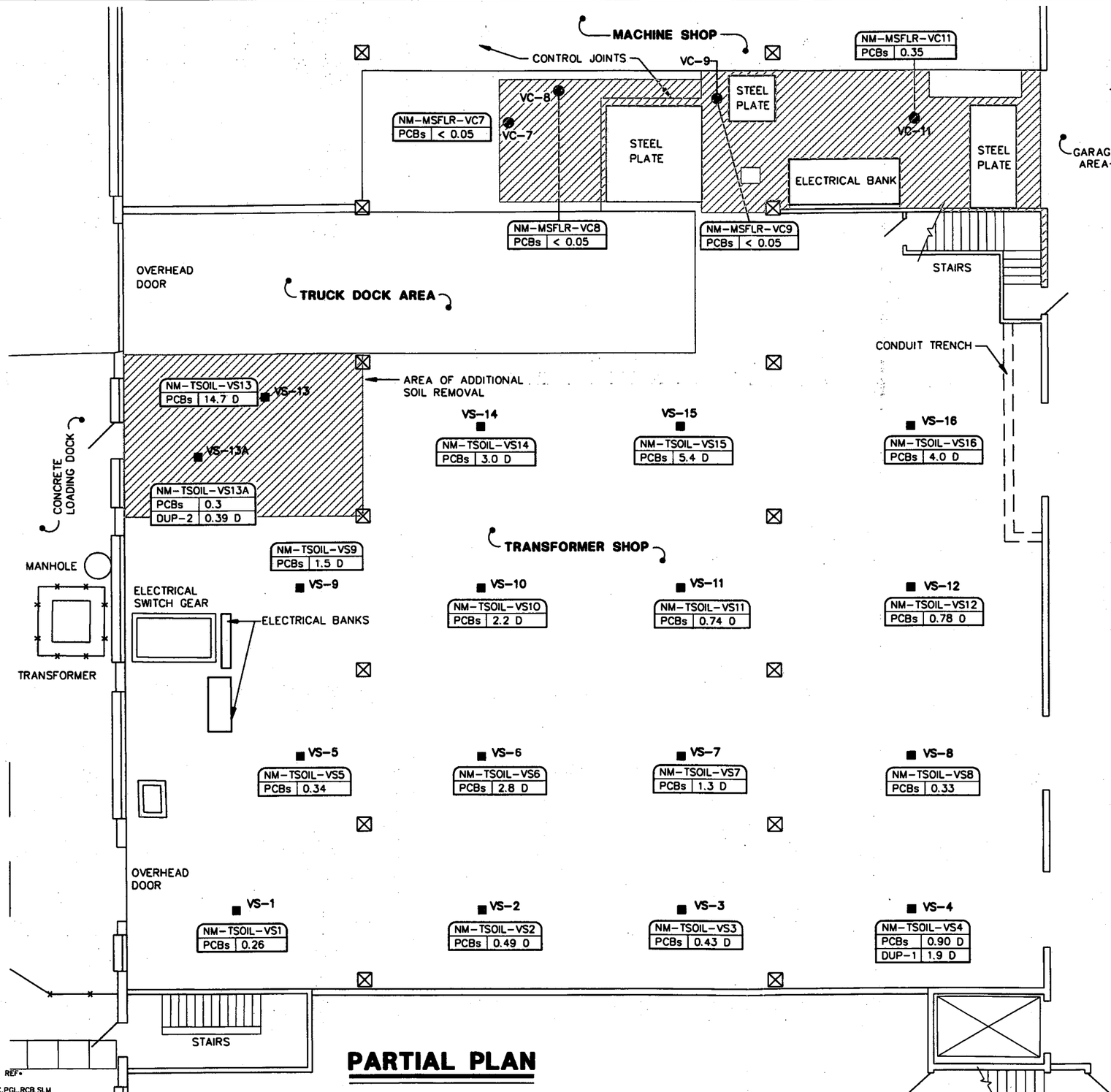
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

APPROXIMATE EXTENT OF CONCRETE FLOOR/SOIL REMOVAL AND CONCRETE SCARIFICATION ACTIVITIES

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 10



PARTIAL PLAN

L: ON= • OFF= REF•
P: STD BL_PCP
12/21/00 54-AK,PGL,RCB,SLM
36455001/36455835.DWG

LEGEND

- COLUMN
- FENCE
- EXTENT OF CONCRETE FLOOR SCARIFIED
- SOIL SAMPLE LOCATION
- CONCRETE SAMPLE LOCATION
- SAMPLE IDENTIFICATION
- CONCENTRATION (ppm)

NM-TSOIL-VS12
PCBs 0.78 D

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. VERIFICATION SOIL SAMPLE VS-13A IS A RESAMPLE OF VERIFICATION SOIL SAMPLE VS-13 FOLLOWING REMOVAL OF AN ADDITIONAL FOOT OF SOIL FROM BENEATH THE FORMER CONCRETE OFFICE SLAB.
3. PULVERIZED VERIFICATION CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 1-INCH DEEP BORINGS.
4. COMPOSITE SOIL SAMPLES COLLECTED FROM A ONE SQUARE FOOT SAMPLING AREA AT EACH LOCATION.
5. CONCRETE/SOIL SAMPLES WERE ANALYZED BY GALSON LABORATORIES, INC. USING USEPA SW-846 METHOD 8082.
6. RESULTS ARE PRESENTED IN PARTS PER MILLION (ppm).
7. < = INDICATES THAT PCBs WERE NOT DETECTED AT A CONCENTRATION EXCEEDING THE LABORATORY DETECTION LIMIT.
8. D = INDICATES THAT THE ANALYTICAL RESULT IS BASED ON THE ANALYSIS OF A DILUTED SAMPLE.
9. ANALYTICAL RESULTS HAVE BEEN VALIDATED.
10. BASED ON INITIAL LABORATORY ANALYTICAL RESULT FOR VERIFICATION SOIL SAMPLE NM-TSOIL-VS13, AN ADDITIONAL 1-FOOT OF SOIL WAS EXCAVATED FROM THE AREA IN THE VICINITY OF THE OFFICE AND AN ADDITIONAL VERIFICATION SOIL SAMPLE (NM-TSOIL-VS13A) WAS COLLECTED.
11. VERIFICATION CONCRETE SAMPLES SHOWN WERE COLLECTED FROM THE FINAL LIMITS OF THE SCARIFICATION ACTIVITIES. ADDITIONAL SCARIFICATION ACTIVITIES WERE CONDUCTED FOLLOWING RECEIPT OF PREVIOUSLY COLLECTED VERIFICATION CONCRETE SAMPLES BASED ON THE PRESENCE OF PCBs EXCEEDING CLEANUP CRITERIA.

0 12' 24'
GRAPHIC SCALE

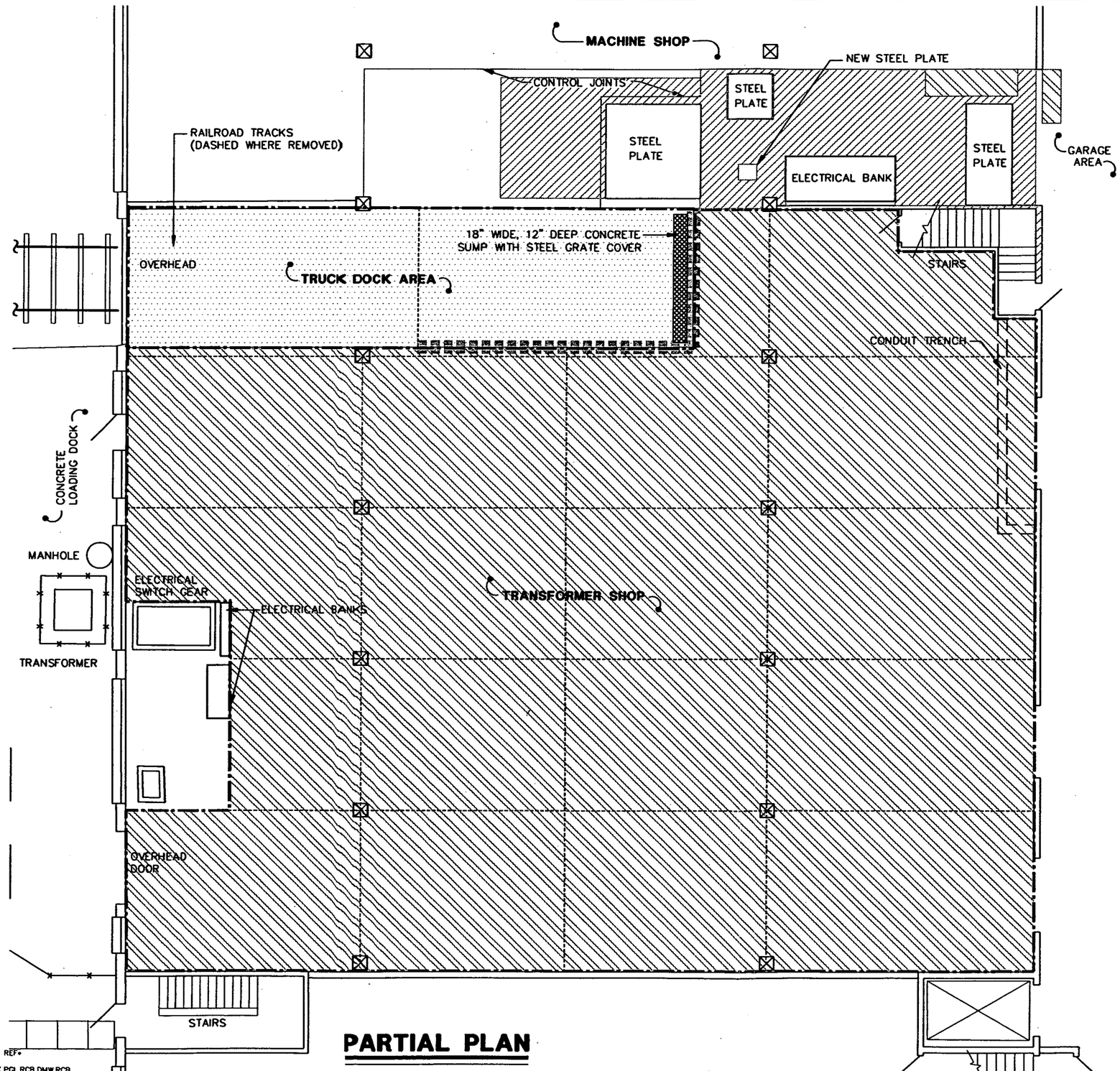
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

VERIFICATION CONCRETE AND SOIL SAMPLE RESULTS FOR PCBs (ppm)

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 11



PARTIAL PLAN

LEGEND

- COLUMN
- FENCE
- RESTORED TRUCK DOCK WALL
- RESTORED 10" TRUCK DOCK SLAB
- RESTORED 6" FLOOR SLAB
- RESTORED SCARIFIED FLOOR AREA
- CONTROL JOINT
- EXPANSION JOINT

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. CONCRETE RESTORATION AREAS AND LOCATIONS OF CONTROL AND EXPANSION JOINTS ARE APPROXIMATE.

0 12' 24'

GRAPHIC SCALE

NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

CONCRETE RESTORATION ACTIVITIES

BBL BLASLAND, BOUCK & LEE, INC. *engineers & scientists*

FIGURE 12

L: ON= * OFF= REF*
P: STD BL.PCP
10/27/00 54-AK,PCL,RCB,DMW,RCB
36455001/36455836.DWG

Appendices

Appendix A - NYSDEC-Approved Closure Plan (Revision 4.0, January 17, 2000), June 14, 2000 Letter from NMPC to the NYSDEC

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

Hazardous Waste Management Permit

Appendix F - Revised Closure Plan (Revision 4.0 - January 17, 2000)

I. Introduction

This section of the Hazardous Waste Management Permit (HWMP) presents the Closure Plan (Revision 4 - January 17, 2000) for the North Albany Service Center permitted hazardous waste treatment, storage, and disposal facility (TSDF). Niagara Mohawk Power Corporation (NMPC) has determined that it will no longer be necessary to store hazardous wastes at the facility for periods of more than 90 days following closure of the North Albany Service Center TSDF. The Closure Plan presents protocols and procedures which will be used to close the North Albany Service Center TSDF.

In anticipation of the TSDF closure, pre-closure sampling activities were conducted to determine the presence and extent of PCBs within concrete containment structures associated with the following hazardous waste storage areas at the facility:

- *Transformer Shop Hazardous Waste Storage Area* - Three concrete samples were collected from the floor and one concrete sample was collected from the walls of the containment berm for the Hazardous Waste Storage Area in the Transformer Shop;

- *Versaire Hazardous Waste Storage Shed* - Three concrete samples were collected from the floor and one concrete sample was collected from the wall of the eastern containment area. Three concrete samples were collected from the floor and five concrete samples were collected from the walls of the western containment area; and

- *PCB-Contaminated Oil Storage Tank Area* - Three concrete samples were collected from the floor and one concrete sample was collected from the walls of the containment berm for the truck loading/unloading pad (associated with the Outdoor Oil Tank Facility and Truck Loading/Unloading Pad).

The concrete samples were collected using a 1-inch diameter concrete bit advanced to a depth of approximately three inches below the concrete surface (in accordance with 40 CFR 761 Subpart N). Pulverized concrete collected at each sampling location was submitted to a New York State-certified laboratory for analysis using United States Environmental Protection Agency (USEPA) SW-846 Method 8082. The selected laboratory conducted the analyses in accordance with the laboratory analytical methods and quality assurance/quality control (QA/QC) procedures outlined in the Quality Assurance Project Plan (QAPjP) contained within the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan [Blasland, Bouck & Lee (BBL), March 1996)]. The analytical results obtained from the laboratory analysis of the concrete samples indicate that the floor of the Transformer Shop Hazardous Waste Storage Area and the northern wall of the western containment area in the Versaire Hazardous Waste Storage Shed contain PCBs at concentrations exceeding applicable cleanup criteria for porous surfaces as outlined in 40 CFR 761.61(a)(4)(iii). Consequently, corrective measures, as described under Section II, will be implemented to address these areas as part of the TSDF closure activities.

II. Closure Plan

The TSDF closure activities will be completed within the Transformer Shop Hazardous Waste Storage Area,

the Versaire Hazardous Waste Storage Shed, and the PCB-contaminated oil storage tank area. In addition, closure activities will be completed for the corrosives storage cabinet and the flammables storage cabinet which are located on the Building 2 loading dock. The closure activities will include the following:

1. Disposal of Waste Inventory - All hazardous wastes which are present at the TSDF at the time of closure will be properly disposed of. For cost estimating purposes, NMPC has assumed that the quantity of waste present at the start of the closure activities will be the maximum storage capacity for the TSDF, as summarized below:

Hazardous Waste Storage Area	Maximum Volume of Hazardous Waste Present in Area at Time of Closure
Transformer Shop Hazardous Waste Storage Area	48 drums
Versaire Hazardous Waste Storage Shed	120 drums
Flammables storage cabinet	6 drums
Corrosives storage cabinet	6 drums
PCB-contaminated oil storage tank	10,000 gallons

2. PCB-Impacted Concrete Removal Activities - As discussed above, the analytical results for the TSDF pre-closure concrete sampling activities indicate that the concrete floor in the bermed Transformer Shop Hazardous Waste Storage Area and a portion of the northern wall of the western containment area in the Versaire Hazardous Waste Storage Shed contain PCBs at concentrations exceeding the applicable cleanup criteria for porous surfaces as outlined in 40 CFR 761.61(a)(4)(iii). Based on the results of the sampling activities, NMPC will implement removal activities in these areas. Following the removal activities, verification samples will be collected to confirm that remaining sections of concrete floor and/or containment walls do not contain PCBs at concentrations exceeding applicable cleanup criteria. Additional concrete removal activities will be performed (as necessary based on the verification sampling results) until PCB concentrations in the remaining concrete do not exceed applicable cleanup criteria. Verification sampling activities will consist of collecting pulverized concrete samples at the limits of the concrete removal areas. In addition, verification samples will be collected of the subgrade beneath removed sections of the Transformer Shop Hazardous Waste Storage Area floor slab to determine the presence and extent of PCBs at concentrations exceeding applicable criteria. Since the floor restoration activities will require replacement of the upper 6 inches of subgrade located immediately beneath the floor slab with 6 inches of select fill (to reduce potential settling of the replaced floor), the soil verification samples will be collected from the existing subgrade in the 6- to 12-inch depth interval (immediately below the material to be removed). The selected Contractor will place debris generated by the removal activities in rolloff waste containers. NMPC will transport the material for off-site disposal in accordance with applicable rules and regulations.

   NMPC's selected Contractor will restore the floor of the Transformer Shop Hazardous Waste Storage Area and the northern wall of the western containment area in the Versaire Hazardous Waste Storage

Shed to pre-corrective measure conditions. Restoration of these areas will include (but not be limited to) replacing the upper 6 inches of subgrade beneath the floor of the Transformer Shop Hazardous Waste Storage Area with select fill, placing new concrete in the removal areas, and applying a coating system to the restored areas.

3. Surface Cleaning Activities - Following the concrete sampling and concrete removal activities (if necessary), cleaning activities will be performed in the following areas (excluding any areas where concrete has been removed):

   - *Transformer Shop Hazardous Waste Storage Area* - The floor and interior surfaces of the 12-inch high concrete walls of the containment berm for the Hazardous Waste Storage Area will be cleaned three times using an industrial cleanser/degreaser (i.e., Biomight 100 or equivalent) and water. After each cleaning cycle, the surfaces will be rinsed with water. Following completion of the final rinse, deionized water will be decanted on a cleaned surface within the Transformer Shop Hazardous Waste Storage Area and collected for laboratory analysis to evaluate the effectiveness of decontamination procedures. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the confirmatory rinsate samples. The confirmation sample will be submitted for laboratory analysis for PCBs, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and RCRA metals. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP ftom the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the rinsate sample will be compared to the ground-water standards/guidance values presented in the New York State Department of Environmental Conservation (NYSDEC) Technical & Operational Guidance Series (TOGS) 1.1.1 document entitled "Ambient Water Quality Standards and Guidance Values and Ground-Water Effluent Limitations" dated June 1998. If elevated concentrations of PCBs, VOCs, SVOCs, or metals are detected in the rinsate sample (as compared to the ground-water standards/guidance values presented in TOGS 1.1.1), NMPC's contractor will repeat the cleaning process for the Transformer Shop Hazardous Waste Storage Area.

     The exterior surfaces of the waste oil transfer pumps and equipment used to transfer hazardous waste containers (i.e., fork lifts, overhead hoists, etc.) will be cleaned three times using an industrial cleanser/degreaser and water. In addition, interior surfaces of the steel containment basin for the waste oil transfer pumps will be cleaned three times using an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following cleaning, one verification wipe sample will be collected ftom the exterior surface of the waste oil transfer pump that is used to pump oil to the PCB-contaminated oil storage tank, three verification wipe samples will be collected from equipment used to transfer the hazardous waste containers, and three verification wipe samples will be collected from the interior surfaces of the containment basin. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect surface wipe samples. The surface wipe samples will be submitted for laboratory analysis for PCBs. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP ftom the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the

verification wipe samples will be used to determine whether PCBs are present on the decontaminated equipment surfaces at concentrations exceeding applicable cleanup criteria (i.e., 10 µg/100 cm^2 as required by the USEPA PCB Spill Cleanup Policy). If the analytical results for the surface wipe samples indicate the presence of PCBs at concentrations exceeding 10 µg/100 cm^2, the cleaning process will be repeated for the appropriate area(s).

- *Versaire Hazardous Waste Storage Shed* - The floors and walls of the two recessed containment areas within the Versaire Hazardous Waste Storage Shed will be cleaned three times using an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following completion of the final rinse, deionized water will be decanted on a cleaned surface within each of the two containment areas in the Versaire Hazardous Waste Storage Shed and collected (as two samples) for laboratory analysis to evaluate the effectiveness of decontamination procedures. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the confirmatory rinsate samples. The confirmation samples will be submitted for laboratory analysis for PCBs, VOCs, SVOCs, and RCRA metals. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP from the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the rinsate samples will be compared to the ground-water standards/guidance values presented in TOGS 1.1.1. If elevated concentrations of PCBs, VOCs, SVOCs, or metals are detected in the rinsate samples (as compared to the ground-water standards/guidance values presented in TOGS 1.1.1), NMPC's contractor will repeat the cleaning process for the appropriate area(s).

  The exterior surfaces of equipment used to transfer hazardous waste containers in the Versaire Hazardous Waste Storage Shed will be cleaned three times with an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following cleaning, three verification wipe samples will be collected from the equipment used to transfer hazardous waste containers. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the surface wipe samples. The surface wipe samples will be submitted for laboratory analysis for PCBs. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP from the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the verification wipe samples will be used to determine whether PCBs are present on the decontaminated equipment surfaces at concentrations exceeding 10 µg/100 cm^2. If the analytical results for the surface wipe samples indicate the presence of PCBs at concentrations exceeding 10 µg/100 cm^2, the cleaning process will be repeated for the appropriate area(s).

- *PCB-Contaminated Oil Storage Tank Area* - At closure, the PCB-contaminated oil storage tank will be emptied of any free-flowing liquid or sludge. After emptying the tank, approximately 800 gallons of solvent in which PCBs are readily soluble (e.g., mineral oil) will be pumped through the piping which connects the oil transfer pump located in the Transformer Shop to the PCB-contaminated oil storage tank. In addition, approximately 200 gallons of solvent will be pumped through the piping which connects a 3-inch diameter pipe coupling (in the truck loading/unloading

pad within the enclosure for the PCB-contaminated oil storage tank area) to the PCB-contaminated oil storage tank. The solvent will be collected from the PCB-contaminated oil storage tank and containerized for re-use or disposal (as discussed below).

After cleaning the piping, the interior of the tank will be flushed three times with solvent, cleaned using an industrial cleanser/degreaser (Bio-Might 100 or equivalent), and rinsed with water. The volume of solvent used for the tank flushing activities will be approximately 10% of the capacity of the tank (for each flush). The cleaning of the tank interior will be conducted in accordance with the PCB-container decontamination protocols presented in 40 CFR 761.79 (i.e, triple solvent flush). The solvent used to flush the tank will be squeegeed and pumped out using a vacuum truck. The solvent removed from the tank during each flush cycle (including the solvent used to flush the pumps and piping) may be re-used for subsequent flushing based on field test results (using Clor-N-Oil field test methods) which indicate that PCB concentrations in the containerized solvent are at acceptable levels for re-use (e.g., less than 50 ppm) in accordance with the decontamination standards and procedures presented in 40 CFR 761.79. After flushing the tank with solvent, interior surfaces of the tank will be cleaned three times using an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following the tank cleaning activities, three verification wipe samples will be collected from interior surfaces of the tank. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the surface wipe samples. The surface wipe samples will be submitted for laboratory analysis for PCBs. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP from the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the verification wipe samples will be used to determine whether PCBs are present on the interior surfaces of the tank at concentrations exceeding 10 $\mu g/100\ cm^2$. If the analytical results for the surface wipe samples indicate the presence of PCBs at concentrations exceeding 10 $\mu g/100\ cm^2$, the cleaning process will be repeated for the appropriate area(s).

As part of the closure activities for the PCB-contaminated oil storage tank area, the exterior surfaces of the tank, interior surfaces of the spill containment area for the tank, and interior surfaces of the spill containment area for pipe couplings in the truck loading/unloading area will be cleaned three times using an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following cleaning, three verification wipe samples will be collected from the exterior surfaces of the tank, three verification wipe samples will be collected from the interior surfaces of the spill containment area for the tank, and one verification wipe sample will be collected from the interior surfaces of the spill containment area for the pipe couplings in the truck loading/unloading area. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the surface wipe samples. The surface wipe samples will be submitted for laboratory analysis for PCBs. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP from the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the verification wipe samples will be used to determine whether PCBs are present on the decontaminated surfaces at concentrations exceeding

10 µg/100 cm^2. If the analytical results for the surface wipe samples indicate the presence of PCBs at concentrations exceeding 10 µg/100 cm^2, the cleaning process will be repeated for the appropriate area(s).

NMPC plans to leave the PCB-contaminated oil storage tank in-place for future storage of non-hazardous waste oil after cleaning the interior and exterior surfaces of the tank. Therefore, an internal and external inspection of the tank will be performed in accordance with American Petroleum Institute (API) Standard 653 to visually assess the condition of the tank (to confirm that the tank is suitable for future storage of non-hazardous waste oil). The inspection will be performed by an API-qualified and certified vessel inspector.

In addition to the surface cleaning activities described above, the floor and concrete walls of the containment berm for the truck loading/unloading area will be cleaned three times using an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following completion of the final rinse, deionized water will be decanted on a cleaned surface within the truck loading/unloading area and collected for laboratory analysis to evaluate the effectiveness of decontamination procedures. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the confirmatory rinsate sample. The confirmation sample will be submitted for laboratory analysis for PCBs, VOCs, SVOCs, and RCRA metals. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP from the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the rinsate sample will be compared to the ground-water standards/guidance values presented in TOGS 1.1.1. If elevated concentrations of PCBs, VOCs, SVOCs, or metals are detected in the rinsate sample (as compared to the ground-water standards/guidance values presented in TOGS 1.1.1), NMPC's contractor will repeat the cleaning process for the truck loading/unloading area.

- *Flammables Storage Cabinet and Corrosives Storage Cabinet* - Interior and exterior surfaces of the Flammables Storage Cabinet and Corrosives Storage Cabinet will be cleaned three times with an industrial cleanser/degreaser and water. After each cleaning cycle, the surfaces will be rinsed with water. Following completion of the final rinse, two volumes of deionized water (one for each storage cabinet) will be decanted on cleaned surfaces within each cabinet and collected for laboratory analysis to evaluate the effectiveness of decontamination procedures. The sampling protocol included as Exhibit 1 presents the sampling methodology that will be used to collect the confirmatory rinsate samples. The confirmation rinsate sample from the Flammables Storage Cabinet will be submitted for laboratory analysis for VOCs and the confirmation rinsate sample from the Corrosives Storage Cabinet will be submitted for laboratory pH analysis. The selected laboratory will conduct the analyses in accordance with the laboratory analytical methods and QA/QC procedures outlined in the QAPjP from the MGP/RCRA Investigation and Remedial Measures Evaluation Work Plan. The analytical results for the rinsate samples will be compared to the ground-water standards/guidance values presented in TOGS 1.1.1 to determine if additional cleaning of the cabinets is necessary.

III. Decontamination and Disposal Activities

The Contractor selected by NMPC to perform the TSDF closure activities will be responsible for decontaminating all equipment and materials which will be reused for future projects. In addition, the Contractor will be responsible for containerizing and transporting all waste materials generated by the closure activities for off-site disposal in accordance with applicable rules and regulations. The Contractor will be required to obtain representative samples of the wastes generated during the closure activities for analysis using the methods specified in Appendix 19 of Part 371. The analytical procedures which the Contractor will be required to use are specified under Appendix 21 of Part 371 and 40 CFR 761.60(g). After sampling and analysis are completed, the waste materials will be transported off-site for disposal in accordance with applicable regulations.

IV. Closure Schedule

The estimated milestones for final closure of the North Albany TSDF are as follows:

Milestone #1: The TSDF will no longer receive PCB oil, PCB solids, capacitors, or solvent-contaminated mineral oil after mid-September 1999. Upon receipt of the final volume of waste (in mid-September 1999), all hazardous wastes will be treated, removed off-site or disposed of on-site within 90 days. NMPC anticipates that all closure activities will be completed within 90 days (by mid-December 1999).

Milestone #2: Decontamination of the storage facility is tentatively scheduled for completion during December 1999.

Milestone #3: The existing HWMP for the TSDF expires on January 5, 2000.

A "Certification of Closure" certified by an independent registered New York State Professional Engineer will be submitted to the New York State Department of Environmental Conservation (NYSDEC) within 60 days after completion of closure.

V. Closure Cost Estimate

An estimate of the cost of closing the storage facility is provided in Table 1 - TSDF Closure Cost Estimate. The closure cost estimate has been revised to incorporate the changes presented in the Closure Plan (Revision 1 - August 27, 1999). The closure cost estimate was produced by a qualified consultant taking into account the following specific requirements for proper closure:

1. Source of labor;
2. Cost of labor;
3. Cost of equipment;
4. Cost of closure certification;
5. Contingency cost (20% of the total cost); and
6. Administrative cost (10% of the total cost).

Appendix F - Revised Closure Plan (Revision 4.0 - January 17, 2000)

The closure cost estimate is based on the extent and manner of the facility's operation that will make closure the most expensive.

Niagara Mohawk

Transmitted Via U.S. Mail

June 14, 2000

Mr. James R. Meacham
Environmental Engineer
Division of Solid & Hazardous Materials
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-7252

Re: Niagara Mohawk Power Corporation
North Albany Service Center
TSDF Closure Activities
USEPA ID# NYD000730408
Hazardous Waste Permit No. 4-0101-0014/00004-0

Dear Mr. Meacham:

This letter presents the results of additional concrete sampling activities conducted as part of the on-going hazardous waste treatment, storage, and disposal facility (TSDF) closure activities at the Niagara Mohawk Power Corporation (NMPC) North Albany Service Center. This letter also presents NMPC's proposed approach for addressing the presence of PCBs identified in concrete samples collected as part of the TSDF closure activities. The additional concrete sampling activities summarized in this letter were conducted by Blasland, Bouck & Lee, Inc. (BBL) to further define the extent of PCBs in concrete in the Transformer Shop, an adjacent truck dock area, and the Machine Shop inside Building 2 at the North Albany Service Center. A summary of the sampling activities and results is presented below followed by NMPC's proposed approach for addressing the concentrations of PCBs detected in the concrete samples.

Background

An initial phase of TSDF closure activities was conducted during February and March 2000. As part of the initial closure activities, BBL collected concrete verification samples (in several separate phases) to characterize the extent of PCBs in the Transformer Shop concrete floor. A summary of the sampling events conducted through March 6, 2000 and corresponding laboratory sample results was previously presented in NMPC's March 14, 2000 letter to the New York State Department of Environmental Conservation (NYSDEC). Based on the results of the concrete sampling events described in our March 14, 2000 letter, additional sampling was required to further define the extent of PCBs within concrete in the Transformer Shop and within areas adjacent to the Transformer Shop, including the truck dock area and the Machine Shop.

Additional Sampling Activities

The additional sampling activities conducted in connection with the TSDF closure activities in the Transformer Shop, the truck dock area, and the Machine Shop include the following:

- Collecting concrete samples to further define the extent of PCBs within the Transformer Shop floor, the truck dock area, and the Machine Shop floor on March 15, 2000, March 22, 2000. March 29, 2000, and April 4, 2000; and

- Completing soil borings to evaluate subsurface conditions beneath the Transformer Shop floor and truck dock area, and collecting subsurface soil samples to determine whether PCBs were present in subgrade soil beneath the concrete floor slab on April 4 and 5, 2000.

Concrete samples were collected by BBL on March 15, 2000, March 22, 2000, March 29, 2000, and April 4, 2000 in the Transformer Shop, the truck dock area, and the Machine Shop. The concrete sampling locations (shown on Figure 1) were selected based on the results of the previous sampling events and focused on delineating the extent of PCB-impacted concrete in each sampling area. Forty eight additional concrete samples (including required QA/QC samples) collected during the four sampling events were submitted for laboratory analysis for PCBs.

On April 4 and 5, 2000, BBL's drilling subcontractor, Parratt-Wolff, Inc., completed four soil borings using a two-inch diameter split-spoon sampling device that was driven into the soil by a 140 pound hammer until refusal was encountered. Subsurface conditions encountered at each soil boring location (locations are presented on Figure 2) are summarized on the soil boring logs presented in Attachment 1. Soil samples collected from the 0- to 2-foot depth interval at each boring location were submitted for laboratory analysis for PCBs. Based on subsurface soil conditions encountered at each boring location, BBL also submitted a sample from each soil boring for laboratory analysis for PCBs, VOCs, SVOCs, and inorganic constituents. PCB analytical results obtained for the laboratory analysis of the soil samples collected from the Transformer Shop and the truck dock area are described below. Analytical results obtained for the analysis of the soil samples for VOCs, SVOCs, and inorganic constituents will be incorporated into the Manufactured Gas Plant (MGP) Investigation for the site and will be presented to the NYSDEC in a separate letter.

The concrete and soil samples were submitted to SciLab (SciLab) in Latham, New York for laboratory analysis for PCBs using USEPA SW-846 Method 8082. Required quality assurance/quality control (QA/QC) samples were collected and submitted for laboratory analysis in accordance with the NYSDEC-approved TSDF Closure Plan. Laboratory results for the analysis of the PCB samples were reported using NYSDEC Category B deliverables and are currently being reviewed by BBL's data validation staff. Analytical results obtained for the laboratory analysis of the PCB samples are summarized below.

Sampling Results

PCB analytical results obtained for the analysis of the concrete samples collected in the Transformer Shop, the truck dock area, and the Machine Shop are summarized in Table 1 and shown on Figure 1 (Figure 1 includes the PCB results previously transmitted to the NYSDEC). PCB analytical results obtained for the analysis of the soil samples collected from the soil borings completed in the Transformer Shop and the truck dock area are listed in Table 2 and shown on Figure 2 (Figure 2 includes the verification samples collected following removal of the concrete floor slab for the Transformer Shop hazardous waste storage area). Laboratory results obtained for the analysis of the concrete and soil samples indicate the following:

- PCBs were detected in thirty four of the additional concrete samples collected from the Transformer Shop floor, the truck dock area, and the Machine Shop floor at concentrations greater than 1 ppm; and

- PCBs were not detected in soil samples collected from the 0- to 2-foot depth interval at the boring locations in the Transformer Shop and the truck dock area at concentrations exceeding 1 ppm. PCBs were not detected in the subsurface soil samples recovered for the soil borings in the Transformer Shop and the truck dock area at concentrations exceeding 10 ppm.

Based on the results of the sampling activities, the limits of PCB-impacted concrete within the Transformer Shop, the truck dock area, and the Machine Shop have been adequately delineated. The sampling results also indicate that soil beneath the floor slab in the Transformer Shop and the truck dock area do not contain PCBs at concentrations exceeding the 10 ppm subsurface soil cleanup objective presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum, Soil Cleanup Objectives and

Guidance Values (TAGM 4046, January 1994). Concrete removal activities which are proposed to address the presence of PCBs within concrete in the Transformer Shop, the truck dock area, and the Machine Shop are presented below.

Proposed Concrete Removal Activities

NMPC proposes to implement additional TSDF closure activities in order to address the presence of PCBs identified in the concrete samples. The additional TSDF closure activities will include removing and replacing the Transformer Shop concrete floor slab, select sections of the truck dock area, and scarifying and replacing a portion of the concrete floor located in the Machine Shop. The proposed concrete removal limits in the Transformer Shop, the truck dock area, and the Machine Shop are shown on Figure 3.

In accordance with the self-implementing cleanup and disposal guidelines for PCB remediation waste as outlined in 40 CFR 761.61, the concrete floor of the Transformer Shop and Machine Shop are classified as porous surfaces in high occupancy areas. In accordance with 40 CFR 761.61(a)(4)(i)(A), NMPC proposes to use a PCB cleanup objective of 1.0 ppm for porous surfaces located in the Transformer Shop and the Machine Shop. The 6-inch thick concrete floor slab within the Transformer Shop will be removed and replaced. Analytical results for previous concrete samples indicate that PCBs are not present in concrete at the limits of the removal area in the Transformer Shop at concentrations exceeding 1 ppm. Therefore, verification samples will not be collected following concrete removal in the Transformer Shop. In order to facilitate replacement of the floor slab in the Transformer Shop, 12 inches of subgrade material located beneath the floor slab will be removed (for structural purposes). Soil verification samples will be collected following the removal of the subgrade material underlying the Transformer Shop floor slab. Specific areas of the concrete floor in the Machine Shop will be scarified to a depth of one-half inch and the resulting concrete debris will be removed. Verification concrete samples will be collected from the Machine Shop floor surface following scarification activities. Concrete debris generated by the concrete removal activities in the Transformer Shop and the Machine Shop will be disposed of off-site as either non-Toxic Substances Control Act (TSCA) or TSCA waste (based on PCB concentrations identified in the removal areas) in accordance with applicable regulations. Waste characterization samples of the subgrade material will be collected and analyzed to evaluate appropriate off-site disposal in accordance with applicable regulations. The 12-inches of removed subgrade material will be replaced with two 6-inch layers of light-weight aggregate base course. A 6-inch thick concrete floor will be poured on top of the aggregate base course to form the new floor slab in the Transformer Shop. The scarified concrete floor area in the Machine Shop will be replaced with an epoxy resin mortar finished to match existing conditions.

Based on the guidelines outlined in 40 CFR 761.61, the concrete walls and floor of the truck dock area are classified as porous surfaces in a low occupancy area. The USEPA TSCA regulations presented in 40 CFR 761.61 (a)(4)(i)(B) establish a 25 ppm cleanup criteria for porous surfaces in low occupancy areas. However, NMPC proposes to utilize the 10 ppm cleanup criteria for subsurface soil presented in NYSDEC TAGM 4046 as the cleanup objective for concrete located in the truck dock area. Select portions of the truck dock walls and the entire truck dock floor slab and underlying 12-inches of subgrade material will be removed and replaced. Analytical results from previous sampling activities indicate that concrete at the proposed limits of concrete removal in the truck dock area does not contain PCBs at concentrations exceeding 10 ppm. Therefore, concrete verification samples will not be collected following removal activities in the truck dock area. Soil verification samples will be collected following removal of the subgrade material underlying the truck dock area floor slab. Concrete debris generated by the concrete removal activities in the truck dock area will be disposed of off-site as TSCA-regulated waste (based on PCB concentrations greater than 50 ppm) in accordance with applicable regulations. Waste characterization samples of the subgrade material will be collected and analyzed to determine appropriate off-site disposal in accordance with applicable regulations. A 10-inch thick concrete slab will be poured on top of a new 12-inch thick light-weight aggregate base course to form the new floor slab in the truck dock area. Removed sections of the truck dock walls will also be replaced.

NMPC trusts that the proposed concrete removal activities described above will be acceptable to the NYSDEC. Please do not hesitate to contact me at (315) 428-3490 if you have any questions or require additional information.

Sincerely,

Robert J. Cazzolli/mbl

Robert J. Cazzolli
Environmental Analyst
P:\CMD\2000\46401750.WPD

cc: Mr. John T. Spellman, P.E. New York State Department of Environmental Conservation
Mr. Jeffery Gregg, New York State Department of Environmental Conservation
Mr. Clifford Van Guilder, P.E., New York State Department of Environmental Conservation
Mr. J. Reidy/Mr. P. Masters, USEPA - Region II, Hazardous Waste Facility Branch
Mr. Joseph Clore, USEPA - Region II, Office of Policy and Management
Mr. Jean Robert Jean, United States Environmental Protection Agency
Mr. James F. Morgan, Niagara Mohawk Power Corporation
Mr. Michael W. Sherman, Niagara Mohawk Power Corporation
William J. Holzhauer, Esq., Niagara Mohawk Power Corporation
Mr. Theodore White, Niagara Mohawk Power Corporation
Ms. Barbara Zacharek, Niagara Mohawk Power Corporation
Mr. David J. Ulm, Blasland, Bouck & Lee, Inc.
Mr. Michael C. Jones, Blasland, Bouck & Lee, Inc.

Table 1
Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Concrete Samples Analytical Results for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Samples Collected March 23, 2000	
NM-TSFLR-C40	0.5
NM-TSFLR-C41	0.5
NM-TSFLR-C42	1.7
NM-TSFLR-C43	31
NM-TSFLR-C44	14.5
NM-TSFLR-C45	11.2
NM-TSFLR-C46	5.2
NM-TSFLR-A3	<0.5
NM-TSFLR-A4	5.3
NM-TSFLR-DUP4 (C43)	31
Samples Collected March 29, 2000	
NM-TSFLR-C47	0.9
NM-TSFLR-C48	2.2
NM-TSFLR-C49	1.6
NM-TSFLR-C50	0.3J
NM-TSFLR-C51	2
NM-TSFLR-C52	0.8
NM-TSFLR-C53	30
NM-TSFLR-C54	1.4
NM-TSFLR-C55	75
NM-TSFLR-DUP5 (C49)	2
Samples Collected March 29, 2000	
NM-TSFLR-C55A (0-1)	52
NM-TSFLR-C55B (1-2)	17
NM-TSFLR-C55C (2-3)	4.3
NM-TSFLR-C56	<0.5
NM-TSFLR-C57	1.9
NM-TSFLR-C58	1.2
NM-TSFLR-C59	2.1
NM-TSFLR-C60	2.2
NM-TSFLR-C61	0.8
NM-TSFLR-C62	2.3
DUP-6 (C61)	0.90
Samples Collected April 4, 2000	
NM-TSFLR-C43A	26
NM-TSFLR-C43B	5.8
NM-TSFLR-C43C	1.20
NM-TSFLR-C63	<0.5
NM-TSFLR-C64	<0.5

6/6/00
46301750.xls

Table 1
Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Concrete Samples Analytical Results for Total PCBs (ppm)

Sample ID	Total PCB Concentration
NM-TSFLR-C65	<0.5
NM-TSFLR-C66	7.3
NM-TSFLR-C67	2
NM-TSFLR-C68	<0.5
NM-TSFLR-C69	1.5
NM-TSFLR-DUP7 (C66)	7.7

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) during March and April 2000.
2. Samples were analyzed by Scilab Albany, Inc. using USEPA SW-846 Method 8082 as referenced in the New York State Department of Environmental Conservation (NYSDEC) 1995 Analytical Services Protocol (ASP).
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. Sample designations indicate the following:
   NM = Niagara Mohawk Power Corporation;
   TSFLR = Transformer Shop floor;
   A3, A4 = Machine Shop floor;
   DUP = Duplicate sample;
   C = Concrete sample; and
   55A (0-1) = Depth integrated sample (depth range in inches).
5. < = Indicated each aroclor was not detected above the presented concentration.
6. Analytical results have not been validated.

6/6/00
46301750.xls

Table 2
Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

TSDF Closure Activities
Soil Sample Analytical Results for Total PCBs (ppm)

Sample ID	Total PCB Concentration
Samples Collected April 4, 2000	
TS-2 (0-2)	<0.05
TS-2 (8-10)	<0.05
TS-3 (0-2)	<0.05
TS-3 (8-12)	<0.05
TS-4 (0-2)	<0.05
Samples Collected April 5, 2000	
TS-1 (0-2)	0.8
TS-1 (6-9)	1.2
TS-4 (8-12)	<0.6
DUP-1	1.0

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) during April 2000.
2. Samples were analyzed by Scilab Albany, Inc. using USEPA SW-846 Method 8082 as referenced in the New York State Department of Environmental Conservation (NYSDEC) 1995 Analytical Services Protocol (ASP).
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg)
4. Sample designations indicate the following:
   TS = Transformer Shop;
   (0-2) = Sample depth range in feet; and
   DUP = Duplicate sample.
5. Analytical results have not been validated.

Attachment A

Soil Boring Logs

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

Transformer Shop Subsurface Investigation

Boring Location: TS- 1

Interval (ft)	Drive Record	N	USCS Code	Soil Description	PID Reading
0.5-2.0	7-7-7	14	SW	Grey-well graded sand w/trace gravel	1.0
2.0-4.0	7-4-4-4	8	NA	no recovery	NA
4.0-6.0	3-14-17-17	31	SP-SM	Grey-poorly graded sand w/silt and gravel-saturated	0.0
6.0-8.0	4-3-2-2	5	SP-SM	Grey-poorly graded sand w/silt and gravel-saturated-odor	5.0
8.0-9.0	4-3	-	SP-SM	Grey-poorly graded sand w/silt and gravel-saturated	0.0
9.0-10.0	4-4	7	Pt	Peat-moist	0.0
10.0-12.0	7-9-17-18	26	MH	Dark Grey-Sandy elastic silt w/gravel-moist	0.0
12.0-13.0	17-21	45	ML	Dark Grey- Sandy silt w/gravel-moist	0.0
13.0-14.0	24-30	-	SP-SM	Dark Grey- Poorly graded sand w/silt and gravel-moist	0.0
14.0-16.0	20-24-20-28	44	GW	Dark Grey- Well graded gravel w/sand, trace weathered bedrock-moist	0.0
16.0-18.0	29-31-38-46	69	SP	Dark Grey- Poorly graded sand w/gravel-moist	0.0
18.0-19.8	21-30-46-100/0.3	76	SP	Dark Grey- Poorly graded sand w/gravel, trace weathered bedrock-moist	0.0

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

Transformer Shop Subsurface Investigation

Boring Location: TS- 2

Interval (ft)	Drive Record	USCS Code	N	Soil Description	PID Reading
0.5-2.0	3-7-5	GW	10	Brown/Black- Well graded gravel- moist	0.0
2.0-2.5	6	GW	-	Red/Brown- Well graded gravel, trace silt- moist	4.8
2.5-4.0	7-7-6	SP-SM	14	Grey/Brown- Poorly graded sand w/silt and gravel- moist	0.0
4.0-6.0	17-10-10-8	GW	20	Grey/Black- Well graded gravel, trace silt- moist	0.0
6.0-8.0	2-2-3-10	GW	5	Grey/Black- Well graded gravel, trace silt- saturated	8.2
8.0-10.0	4-6-4-6	GW	10	Grey/Black- Well graded gravel, trace silt- saturated- odor	28.4
10.0-12.0	3-4-3-4	ML	7	Dark Grey- Sandy silt with gravel- saturated	7.8
12.0-12.5	2	Pt	-	Dark Brown- Peat w/wood chunks- saturated	3.1
12.5-14.0	2-3-4	SP-SM	5	Grey- Poorly graded sand w/silt and gravel- saturated	1.5
14.0-16.0	4-5-17-21	GW	22	Grey/Black- Well-graded gravel, trace silt- saturated	1.4
16.0-18.0	16-18-31-41	SM	49	Dark Grey- Silty Sand, trace weathered shale- saturated	0.0
18.0-20.0	27-33-39-41	SW-SM	72	Grey/Black- Poorly graded sand w/silt and gravel-saturated	0.0
20.0-21.3	45-59-100/0.3	GP-GM	-	Grey/Black- Poorly graded gravel w/silt	0.0

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

Transformer Shop Subsurface Investigation

Boring Location: TS- 3

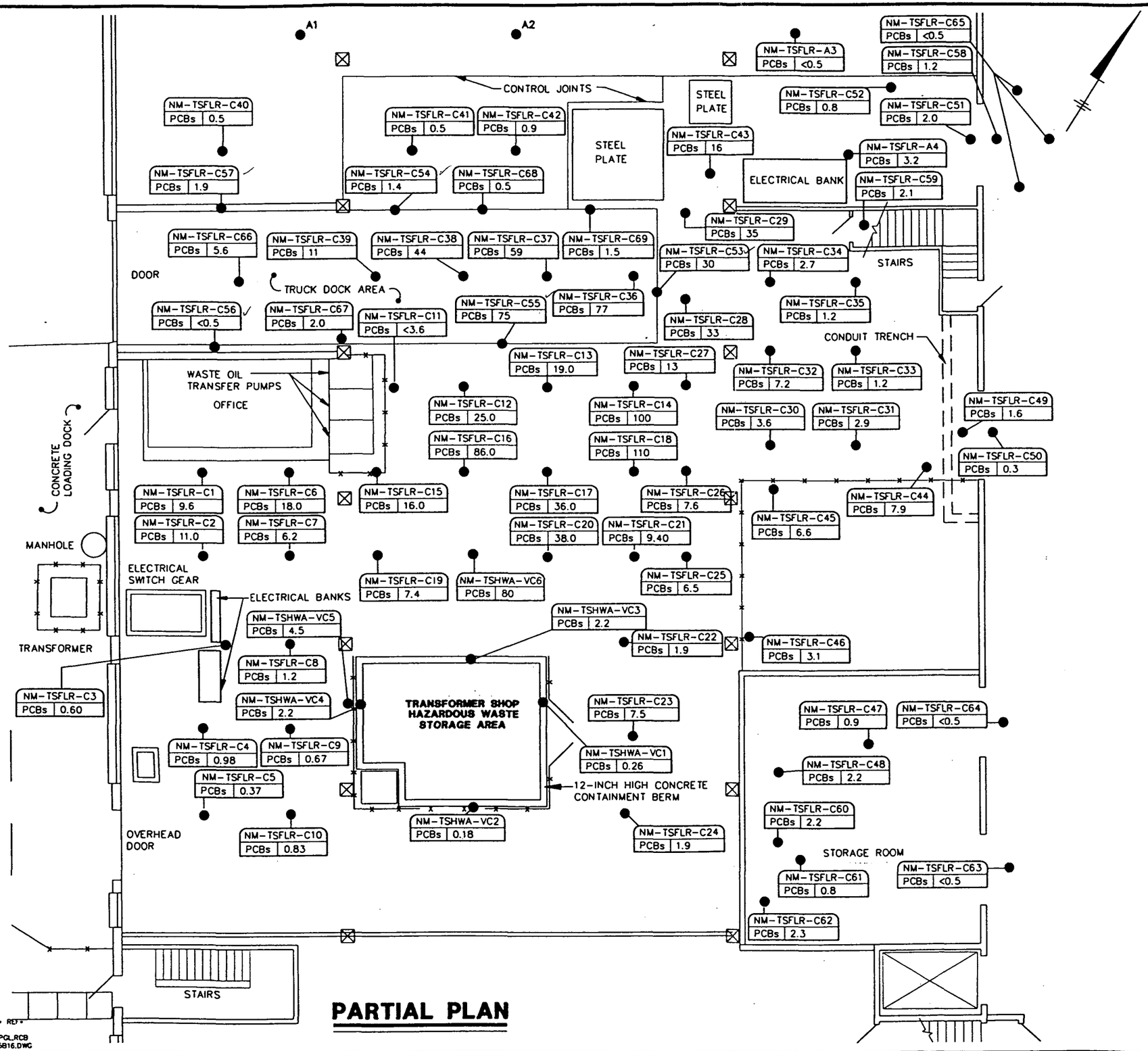
Interval (ft)	Drive Record	USCS Code	N	Soil Description	PID Reading
0.5-2.0	3-12-14	GW	15	Dark Brown- Well graded gravel- moist	0.0
2.0-2.5	7	Pt	-	Brown- Peat w/trace gravel- moist	0.0
2.0-4.0	9-12-16	SP-SM	21	Dark Brown- Poorly graded sand w/silt and gravel- moist	0.0
4.0-6.0	17-12-9-8	SW-SM	21	Grey- Well graded sand w/silt and gravel- moist	0.0
6.0-8.0	6-6-3-5	SW-SM	9	Grey- Well graded sand w/silt and gravel- saturated	243
8.0-10.0	4-5-4-6	SW-SM	9	Grey- Well graded sand w/silt and gravel- saturated	55.1
10.0-12.0	4-4-3-4	SW-SM	7	Grey- Well graded sand w/silt and gravel- saturated	26.7
12.0-14.0	1-1-1-1	Pt	2	Dark Brown- Peat- moist	18.2
14.0-16.0	woh	SW-SM	-		6.2
16.0-18.0	woh-1-2	-	1	no recovery	NA
18.0-20.0	3-6-3-6-	SP-SM	9	Dark Grey- Poorly graded sand w/silt and gravel- saturated	0.0
20.0-22.0	6-6-9-9	SP-SM	15	Dark Grey- Poorly graded sand w/silt and gravel- saturated	0.0
22.0-24.0	9-12-16-12	SW-SM	28	Dark grey- Well graded sand w/silt and gravel	0.0
24.0-24.8	17-100/0.3	-	-	no recovery	-

Niagara Mohawk Power Corporation
North Albany Service Center
Albany, New York

Transformer Shop Subsurface Investigation

Boring Location: TS- 4

Interval (ft)	Drive Record	USCS Code	N	Soil Description	PID Reading
0.5-2.0	7-10-12	SW	17	Brown- Well graded sand w/gravel- moist	0.0
2.0-4.0	10-7-5-13	SW	12	Brown- Well graded sand w/gravel- moist	0.0
4.0-6.0	26-64-32-22	SP-SM	96	Grey/Brown- Poorly graded sand w/silt- moist	0.0
6.0-8.0	8-13-27-22	SM	40	Dark Grey- Silty Sand w/gravel- saturated	0.0
8.0-10.0	44-30-20-12	SP-SM	50	Dark Grey- Poorly graded sand w/silt and gravel- saturated	0.0
10.0-12.0	28-23-7-10	SP-SM	30	Dark Grey- Poorly graded sand w/silt and gravel- saturated	0.0
12.0-13.0	8-8	SW	-	Dark Grey- Well graded sand w/gravel- saturated	0.0
13.0-14.0	8-8	Pt	16	Dark Brown- Peat- moist	0.0
14.0-16.0	11-17-24-31	OH	41	Dark Brown- Organic Silt w/gravel- moist	0.0
16.0-18.0	14-18-36-27	SW	54	Dark Grey- Well graded sand w/gravel- moist to saturated	0.0
18.0-18.8	47-100/0.3	SP-SM	-	Dark Grey- Poorly graded sand w/gravel and silt- saturated	0.0



PARTIAL PLAN

L: ON= * OFF= REF*
P: STD BL_PCP
5/2/00 54-AK.PGL.RCB
36455001/36455B16.DWG

LEGEND

- COLUMN
- FENCE
- AREA OF PRIOR SOIL AND CONCRETE REMOVAL(BERM WALLS TO BE REMOVED)
- CONCRETE SAMPLE LOCATION

NM-TSFLR-C5 (SAMPLE IDENTIFICATION)
PCBs 0.37 (CONCENTRATION (ppm))

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. CONCRETE SAMPLES COLLECTED BY BBL DURING FEBRUARY, MARCH AND APRIL 2000.
3. PULVERIZED CONCRETE SAMPLES AT EACH LOCATION WERE COLLECTED FROM TWO 3-INCH DEEP BORINGS.
4. CONCRETE SAMPLES WERE ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
5. ALL LOCATIONS ARE APPROXIMATE.

0 12' 24'
GRAPHIC SCALE

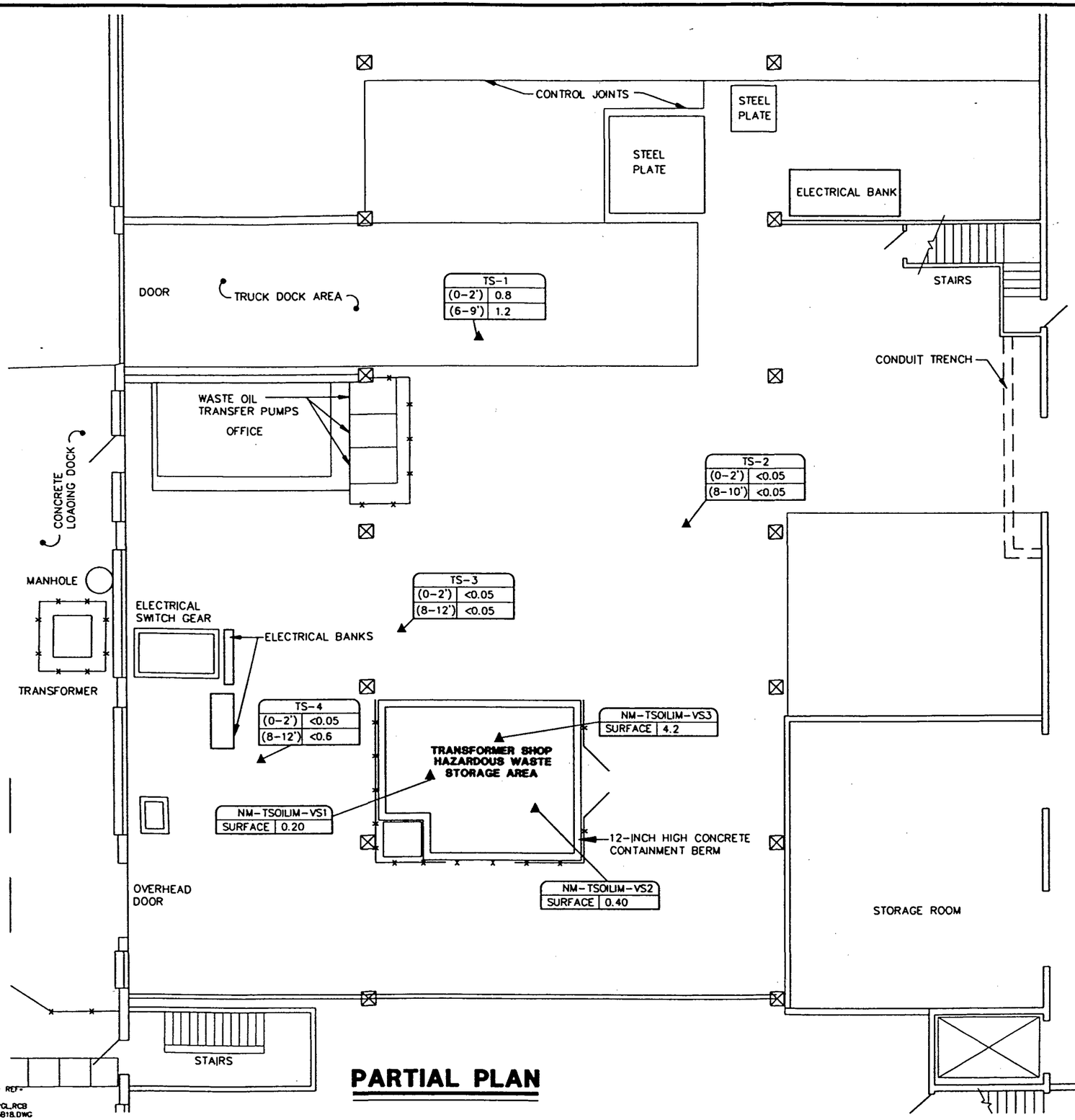
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

CONCRETE SAMPLING LOCATIONS AND PCB SAMPLING RESULTS (ppm)

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 1



L: ON= • OFF= REF=
P: STD BL_PCP
5/1/00 54-AK_PCL_RCB
36455001/36455818.DWG

PARTIAL PLAN

LEGEND

- ⊠ COLUMN
- -x-x- FENCE
- AREA OF PRIOR SOIL AND CONCRETE REMOVAL(BERM WALLS TO BE REMOVED)
- ▲ SOIL BORING LOCATION
- NM-TSOILIM-VS2 — SAMPLE ID
- (0-2') 0.40 — PCB CONCENTRATION (PPM)
- SAMPLE DEPTH RANGE

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. SOIL SAMPLES NM-TSOILM-VS-1 THROUGH VS-3 WERE COLLECTED FROM THE SURFACE BY BBL FOLLOWING REMOVAL OF THE CONCRETE FLOOR AND 6-INCHES OF SUBGRADE MATERIAL ON FEBRUARY 11, 2000.
3. SOIL SAMPLES TS-1 THROUGH TS-4 WERE COLLECTED BY BBL ON APRIL 4 AND 5, 2000.
4. SOIL SAMPLES ANALYZED BY SCILAB ALBANY, INC. USING USEPA SW-846 METHOD 8082.
5. ALL LOCATIONS ARE APPROXIMATE.

0 12' 24'

GRAPHIC SCALE

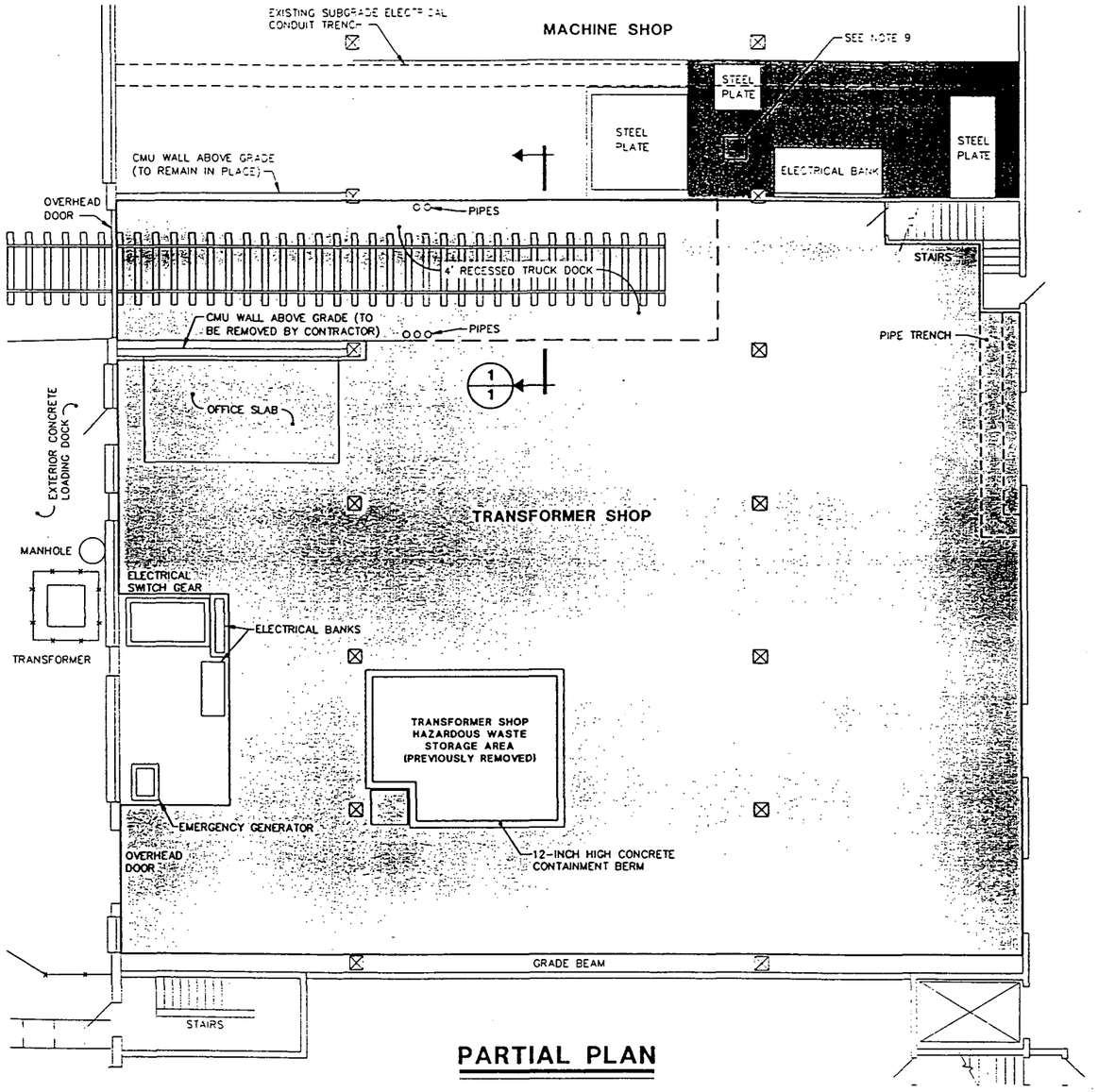
NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER

TSDF CLOSURE ACTIVITIES

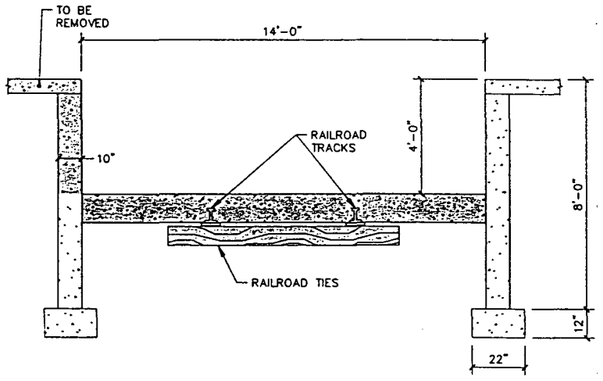
SOIL SAMPLING LOCATIONS AND PCB SAMPLING RESULTS (PPM)

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 2



PARTIAL PLAN



SECTION 1/1

NOT TO SCALE

LEGEND

- COLUMN
- FENCE
- AREA TO BE REMOVED
- FLOOR AREA TO BE SCARIFIED
- HORIZONTAL LIMITS OF REMOVAL
- TRUCK DOCK WALL REMOVAL LIMITS

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED "NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP-INDEX.
2. ALL LOCATIONS ARE APPROXIMATE AND TO BE FIELD VERIFIED BY CONTRACTOR.
3. UNDERGROUND UTILITIES TO BE MARKED OUT BY NMPC AND FIELD VERIFIED BY CONTRACTOR.
4. CONTRACTOR TO REMOVE 6" CONCRETE FLOOR SLAB AND 12" OF UNDERLYING SUBGRADE MATERIAL TO THE APPROXIMATE HORIZONTAL LIMITS SHOWN.
5. CONCRETE FLOOR TO BE SCARIFIED 1/2-INCH DEEP TO THE APPROXIMATE HORIZONTAL LIMITS SHOWN.
6. COLUMN BASES TO REMAIN. CONTRACTOR SHALL HAND EXCAVATE NEAR THESE LOCATIONS SO AS NOT TO DISTURB STRUCTURES.
7. CONTRACTOR TO REMOVE TRUCK DOCK FLOOR SLAB, RAILROAD TRACKS, RAILROAD TIES, AND 12-INCHES OF SUBGRADE MATERIAL BELOW. TRUCK DOCK WALLS WILL BE REMOVED TO TOP OF TRUCK DOCK FLOOR SLAB TO THE HORIZONTAL LIMITS SHOWN. CMU WALL ON EAST SIDE OF TRUCK DOCK (TOWARDS TRANSFORMER SHOP) WILL BE REMOVED BY CONTRACTOR.
8. PIPES LOCATED IN TRUCK DOCK TO BE PLUGGED AND CAPPED BELOW GRADE.
9. LOCATION OF 12-INCH THICK CONCRETE FLOOR REMOVAL AREA TO BE VERIFIED IN FIELD BY ENGINEER.
10. ELECTRICAL BANKS, SWITCH GEAR, EMERGENCY GENERATOR, AND COLUMN BASES TO REMAIN.
11. STEEL PLATE VAULT COVERS IN SCARIFICATION AREA TO REMAIN.
12. CONTRACTOR TO REMOVE 10" THICK CONCRETE OFFICE SLAB AND UNDERLYING 6" THICK FLOOR SLAB.
13. CONTRACTOR TO REMOVE FLOOR SLAB AS CLOSE AS POSSIBLE NEAR ELECTRIC BANKS.
14. CONTRACTOR TO REMOVE FLOOR SLAB TO ISOLATION JOINT AT GRADE BEAM OF SOUTH COMMON WALL TO PRESERVE WALL INTEGRITY.
15. CONTRACTOR TO REMOVE TRANSFORMER SHOP HAZARDOUS WASTE STORAGE AREA CONTAINMENT BERM WALLS.

0 5' 10'
GRAPHIC SCALE

NIAGARA MOHAWK POWER CORPORATION
NORTH ALBANY SERVICE CENTER
TSDF CLOSURE ACTIVITIES

CONCRETE FLOOR REMOVAL AND SCARIFICATION AREAS

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

L: ON=*, OFF=REF
P: STD-PCP/DL_PCP
5/22/00 54-GMS
36455001/36455B23.DWG

Appendix B - Daily Field Reports

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
NMPC: Closure (TSDF) Acts			1/31	1/3

DISCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:00 Kickoff Mtg
All sign in
MCJ: * OSHA Certs → TBM

* Need Mix design + source

* Backfill source + sample → Analytical

- Compact w/ plate tamper

* Lock Out/Tag Out

→ Off shift work

- Outdoor enclosure

AAA: Saw at night, remove, import fill, compact

* Gas powered eqpt. inside
AAA man to wear air monitor
Heat only during acts.
Propane tank
Exc. inside (Bobcat out)
No idling Eqpt.

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SUBJECT	PROJ. NO.	BY	DATE 1/31	SHEET 2/3

CHKS. BY _____: DATE _____ CHECKED BY _____: DATE _____

Exterior sawcut → work to inside
VB: Drums to be moved
Use grate to support saw inside VB
Plan on cutting next Mon 2/7

Waste Streams:
- Solvent (Mineral Oil)
Clor N Oil test kits
~400 gal. leftover fluid in PCB Cont. tank
Poly tank is porous
Cont. oil → Vac truck
(3) x 1200 gal. poly tanks → WW
* Secondary containment
Remove residuals → drums (~400 gal.)
Solvent oil ⇒ Vactruck → AAA to T+D
Throw away PCB drums → solid disposal
PCB liquid → Sun Ohio
Vac out sludge → drums → DECon Vactruk
Mix sludge + PCB cont. oil
WW → poly tank (2) 1200 gal. Trans. Bldg.
PCB conc. debris
18-20 tons / Rolloff cont. / PCB Haz.
~15 ton soil (Non Haz)
~36 ton concrete (Haz)

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			1/31	3/3

DISCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

NMPC to sign manifests

NMPC to have inspector

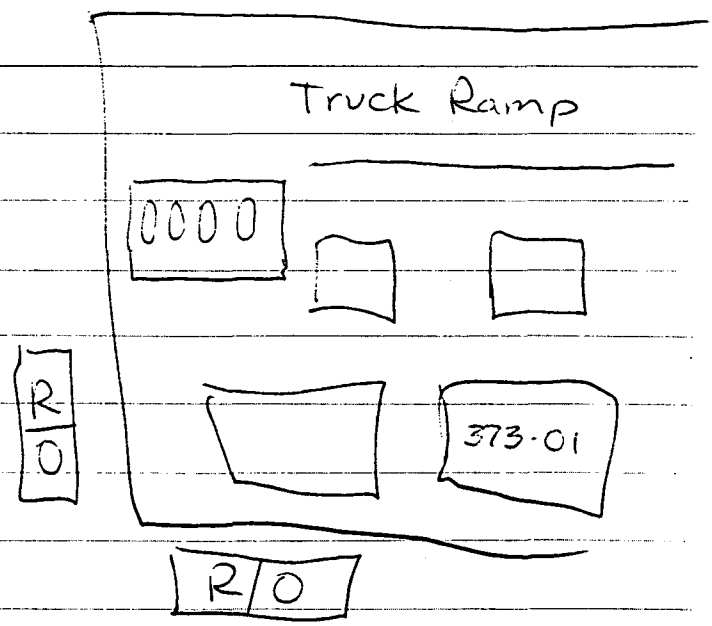
R, F, - cut conc. M

No noise before 4PM

* Conc. restoration TBD

NMPC Grounds + Maint. → LO/TO + AAA

Safety barriers



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SUBJECT	PROJ. NO.	BY	DATE 1/31	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Snow (~4")
~ 20° F
Monday

10:00 AAA (Tony G.) on-site

10:30 BBL on-site (TBM, MCJ)

11:00 K/O Mtg w/ MikeA. (NM), Tony G (AAA), MCJ + TBM (BBL)

See attached items
- Off shift work
- Mix sludge + PCB cont. oil
- NMPC to sign manifests
- No noise before 4PM
- Conc. restore TBD
- NMPC to Lockout/Tagout

12:00 Walk site

12:30 K/O Meeting end

AAA crew on site -- Box top Truck w/supplies

Safety Meeting

12:40 MCJ (BBL) off-site

13:00 AAA begin assemble encl. @ TS ItWSA

13:30 Rich O'Connell (NMPC) LO/TO breaker box near TS HWA

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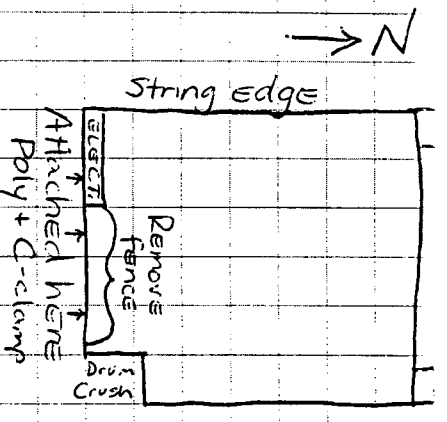
SUBJECT	PROJ. NO.	BY	DATE 1/31	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:00 AAA assemble enclosure
- C-clamp 2"×6" to hor. I-beam
- Staple poly to 2×6
- Staple poly edge + ~~cord~~ cord
- Run cord along edges
- Duct tape seams
- Anchor to floor w/ tape



14:15 ✗ NMPC man cut fence from anchor

15:00 AAA begin to attach side curtains to encl.
↳ Staple and tape seam along top
→ Hang sides + anchor

16:00 AAA begin install HEPA units

16:30 Walk VB w/ ~~Tom~~ Ron S. (NMPC)
- Drums in No. area → to be removed
- Contain area has grates that are same level as berm wall
- Grates will need to be relocated to access containment area surfaces (to be cleaned)

17:00 AAA off site
BBL off site
NMPC off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE 2/1/00

TUES
Cloudy
~15°-25°
Some Sun

07:00 BBL on-site (TBM)

AAA on-site: Tony G
Greg G.
Ed B.
Andy B.
Stan S.

Box top Truck #6327
- Supplies
- Eqpt.

Safety Mtg.

Daily Plan

Look over Ext. tanks + pumps w/ Tony (AAA)

07:30 AAA assemble encl. frame → (2x4)s + Poly

08:00 AAA cont. ass. Access way to TS encl.

08:15 AAA unlock cover on top of 373-01

- No venting tank
- NO ignition source removal
- NO Air monitoring (w/ 4-gas meter)

→ Little residue on bottom of tank
→ No visible liquids
→ Remove debris & place in (1) drum - 55 gal.

09:00 AAA coffee break

09:30 AAA construct encl. @ TS HWA
- Install (3) HEPA units
- Construct triple trap access way

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SUBJECT	PROJ. NO.	BY	DATE	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE 2/1

10:00 Tony off site to obtain Backfill sample

10:30 Meet w/ Jack (NM) to discuss cleaning area around Ext. tank farm (by NMPC)
- Snow rmvl.
- Rmv. switches, trans, breakers
- 1,000 gal poly (w/ frozen soil inside, ~1/4 full)

BBL unload sampling + monitor eqpt.
BBL receive field test kits, monitor eq. via Fed-X

11:00 AAA deliver 1,000 gal. poly tank
- Stage tank in Trans. storage Bldg.
- Fair condition, no stains

1:20 AAA Turbo Vac truck on site
- # 6306 - 71
- License: NY-3681IAF

1:50 Tony (AAA) returns on-site w/ Backfill sample (Troy Sand + Gravel)
(1) 5 gal. pail

2:00 AAA off site for lunch
→ NMPC Clear area around Tank farm

:00 AAA back on site

AAA constructing encl. for outdoor Tank farm
- Staple cord to top edge
- Raise poly + attach (c-clamp) to columns on West side

0[illegible]
- Having difficulty anchoring poly
- Hung + supported @ top, wind blows and tears poly from anchors

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SUBJECT	PROJ. NO.	BY	DATE 2/2	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wed
Sun
~15°F
Cold
Windy

07:00 BBL on site (TBM)

AAA on site (see Sign In Log)

07:15 Safety Meeting

Daily Plan: Finish outside enclosure → TF
Core full depth of TS floor

07:30 ~~AAA~~ Site Observations:
- Wind has torn poly wall from anchors
  ↳ Need to repair
- Prep core drill for TS floor

08:30 BBL talk w/ Jack H. (NMPC):

- BBL to arrange ABC analysis w/ SciLab
- ~~BB~~ Tom White (NM Regional Super, #2 Man) verbally OK for AAA to pour concrete vis-a-vis Labor Union issues → Jack H, TBM

09:00 BBL contact SciLab (Sean Hugg) → ABC analysis

- Need to Specify Analysis
- No 24 hr TAT for SVOC → Must sub out

09:15 Call MCJ, leave message → ABC analysis

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SUBJECT	PROJ. NO.	BY	DATE 2/2	SHEET

DES. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:30 AAA core full depth of TS HWA floor
- Total = 12.0"
Top course = 6.5"
Bottom " = 5.5"

09:45 AAA coffee break

10:00 AAA back to work

10:15 AAA install 2ND core in TS HWA floor

Ext. enclosure @ TF tearing from anchors, frame

2ND Core: Total = 12"
Top = 7"
Bottom = 5"

11:00 AAA cont. repairs to TF enclosure

11:30 AAA prepare Tank (373-01) residue removal
* Confined space
→ See Monitoring Log

12:00 AAA break for lunch

12:30 BBL deliver ABC to SciLab: PCBs
VOCs
SVOC
Metals - Full
↳ See COC

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SUBJECT	PROJ. NO.	BY	DATE 2/2	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

13:00 AAA begin removal of sludge/solids from bottom of 373-01
- No fluids
- Dark, hard pack sediments
- About 6" deep in center, ~24" wide
- Hand excavated debris w/ buckets out of tank
- Generated (1) drum TSCA debris + PPE → 50016/275 kg (B007)

→ (Tony's boss)

13:00 Mike Pickering (AAA) on-site
- Propose to wrap tank only

Albany Ladder delivers lift
- 45' Articulated boom lift
→ See Rental Agree.

14:15 Discuss proposed method of TF enclosure
- Too windy for exist. wall
- Need to wrap tank only
- Drape poly over top brace wire and form TEE PEE down to base of berm
- Anchor:
- Heating
- Venting

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SUBJECT	PROJ. NO.	BY	DATE 2/2	SHEET

CS. BY _____ DATE _____ CHECKED BY _____ DATE _____

15:00 AAA begin removal of exist. TF poly wall

15:15 AAA begin construct Tank enclosure

AAA clean up debris, PPE, etc. from Tank 373-01 residue removal

16:00 AAA complete removal of TF poly wall

16:15 BBL contact Galson → Sampling Pumps
- Rvw operation procedures

AAA begin TF teepee at North end
- Poly hung from top tension cable
- Plan to wrap poly down + around containment tank and wrap 1/8" steel cord around concrete base and cinch cord w/ come-along (like belt)

16:45 AAA break down + clean up work area

17:00 AAA labor off site

Tony G (AAA) + TBM (BBL) discuss activities

- Tony: When are rolloffs to be delivered?

- Plan to begin concrete cutting in TS ItWA tomorrow (2/3) @ 4:00 PM (@ Off, NMPC hours)

- AAA to flush piping systems

17:30 AAA, BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/3	SHEET

CS. BY _____: DATE _____ CHECKED BY _____: DATE _____

Thur
~20°F
Snow

15:00 BBL on site

AAA on site → See sign-in

Safety Meeting

Project Mtg: Tony (AAA) & TBM (BBL)

* Ken Polisse is replacing Tony as AAA on site Supervisor

15:15 AAA begin setup for TS HWA conc. floor removal activities

Eqpt: Conc. Saw: Core Cut CC 3700

VacTruck Admar Supply - Albany Gas powered

Power Lift removed from site

AAA move conc. saw into enclosure

16:00 NMPC + AAA pump 800 gal. Virgin Oil from TS interior pump into AAA VacTruk + 200 gal = 1,000 gal (Total)

45 NMPC + AAA priming pump to transfer Virgin Oil from VacTruk into PCB cont. lines → Tank 373-01

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SUBJECT	PROJ. NO.	BY	DATE 2/3	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

17:00 PCB cont. oil pump keeps tripping the electric circuit breaker.

NMPC (Ron S.) ~~changing~~ filter on pump removed

17:15 AAA + NMPC begin flush TS lines w/ Virgin Oil from Vac Truk to Tank 373-01

Pump pressure = 18 PSI

Filter press = 14 PSI = Out

45 AAA pump 801 gallons Virgin oil from VacTruck thru NMPC TS pump to Tank 373-01

18:00 Tony G. (AAA) off site

17:30 AAA begin TS HWA conc. floor cutting

- Conc. saw vented to HEPA filters
- HEPA units vented (poly) to outdoors
- Each HEPA has own vent line
- Wetting blade as cutting progresses
- No dust is being generated visible
- Saw cut ~3" from berm wall
- (1) Man cutting, (1) Man vacuuming cutting H20
- AAA monitoring w/ 4-Gas meter

DDL
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SUBJECT	PROJ. NO.	BY	DATE 2/3	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

18:15 AAA stop conc. cutting to clean area
- Generate (1) 55 gal. drum of cutting H2O
- Bring in ~~ee~~ next 55g. drum
- Conc. saw not running

18:20 AAA pump 200 gal. Virgin oil from VacTruk thru outdoor, TF pump into Tank 373-01 (Truck loading dock)

18:45 AAA Vac solvent from Tank 373-01 into VacTruk (~1,000 gal.)

19:00 AAA continue conc. cutting
- No visible dust generated
- Wetting blade as cutting proceeds
- Feels very humid inside enclosure

AAA flushing interior of 373-01 w/ solvent pumped from VacTruk
- Flush ~1,000 gal. of solvent
- No entry into 373-01

19:15 AAA remove solvent from 373-01 w/ VacTruk
- No entry into 373-01 tank

19:35 AAA stop concrete cutting to ~~clean~~ cut H2O (vacuum & contain)

19:40 AAA break for dinner

:20 AAA back to work

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SUBJECT	PROJ. NO.	BY	DATE 2/3	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

20:30 AAA continue concrete cutting

20:45 BBL observe interior of 373-01 following 1ST flush w/ solvent
- Some rust stains
- Primarily No heavy, dark staining

21:00 BBL performs Clor-N-Oil field test
- AAA collect solvent sample from Vac Truk
- ClorNOil test vial is med. purple
- Results indicate <50 ppm PCBs
→ OK to reuse solvent for flushing

21:15 AAA proposes to remove/cut berm wall in TS HWA to allow access for the Mini-Excavator
- Will berm bear weight of excav.?
- Can excav. go over ramps over berm?
- Sufficient clearance?
-> Need to speak w/ Mike Abbott

21:30 AAA stop concrete cutting

21:15 AAA performing 2ND flush of interior surfaces of 373-01
- No entry into tank

21:40 AAA remove solvent from 373-01 using Vak Truk
- No entry

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SUBJECT	PROJ. NO.	BY	DATE 2/3	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

22:00 BBL observe interior of 373-01
- Similar observations as previous

22:15 BBL perform ClorNOil field test of solvent
- AAA collect sample from VacTruk
- ClorNOil test vial is light purple
- Field test results indicate <50 ppm PCBs
- Solvent acceptable for reuse → flushing

22:30 AAA continue concrete cutting

AAA performs 3RD flush of 373-01
- No entry in tank

23:00 AAA removes solvent from 373-01 using VacTruk

BBL visual observation of 373-01 interior
- No visible staining on sides + ends
- Little residue remains on bottom
- Some rust along internal braces + seams

23:30 AAA stop concrete cutting

24:00 AAA continue concrete cutting along northern
Fri berm - chipping is occurring on exterior
00:00 face of berm
- H2O is leaking from bottom of upper floor

00:30 AAA stop conc. cutting

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SUBJECT	PROJ. NO.	BY	DATE 2/3	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

00:45 AAA resume conc. cutting
- Making cross cuts to initial cuts
- Wetting & vac'ing area as cutting proceeds

01:15 AAA cease conc. cutting

AAA clean up & end work day

01:30 AAA off site

AAA generated (4) drums of conc. WW

02:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/4	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
~25°F
Cloudy/Sun

BBL on site

11:45 Talk w/ MCJ

- Monday Mtg.
- Monitoring ISSUES
- Contact this WEEKEND

12:00 Talk w/ MCA

- Why did we work past 12:00 last nite?
* Berm wall stays up
- Schedule of activities

12:15 Site Walk 'Hotsy' Pressure Washer
- Eqpt: Poly Tank - 1,100 gal → solvent
(2) Roll-offs - NMPC supplied
Vac Truk
Box Truck - supplies
* REMOVE STEEL belt around TF
Hand concrete saw

12:30 Talk w/ Ken P. (AAA)
- Need air monitoring logs
- Replace HEPA filters
- All personnel in full PPE
- Clean up / Safety barriers

Todays Schedule:
- Finish conc. cutting in TS HWA
- " " " " VB
- Clean outside TF
- " inside TS pump area

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SUBJECT	PROJ. NO.	BY	DATE 2/4	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:45 Safety Meeting

13:00 AAA begin cleaning TS pump station (1ST Pass)
- Apply Bio Mite cleaning solvent
- Hand wipe pumps, pipes, frame, etc.
- Absorbent ~~to~~ mats placed on ground

AAA offload solvent from VacTruk into 1,100 gal. poly tank (supplied by AAA)
- 1,000 gal. of solvent
- BBL perform ClorNOil field test

13:30 AAA remove enclosure around exterior TF

14:00 AAA place access controls around exterior TF area
- Safety tape + cones

14:30 AAA prep for 373-01 interior cleaning
- Set up 'Hotsy' hot H2O pressure washer
- Confined space set up
- Safety check + monitor
- Spray interior w/ solvent (Bio-Might)

~~TS~~ AAA complete cleaning TS pump station (1st Pass)
- BBL observations:
  - Generally clean
  - Pumps have some oil on surfaces
  - Other components free of oil
  - Containment pans have trace of oil

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SUBJECT	PROJ. NO.	BY	DATE 2/4	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:00 BBL prepare monitoring eqpt.
- Air samplers → silica
- MINI RAM
- Multi-RAE

15:30 AAA begin 2ND pass cleaning TS pump area
- Reclean pumps, motors, etc.
- Remove catch pads from contain pans
- Clean contain pans

16:30 BBL observation:
- 3 transfer pumps generally clean
- Contain pans free of oil
- Some debris remains in corners

16:00 AAA finish 2ND pass TS pump cleaning
- Observations above

16:00 AAA begin TS HWA concrete cutting
- Wetting floor @ saw blade
- Collecting WW w/ wet Vac

16:20 AAA ~~sp~~ begin cleaning 373-01 interior
- Man enters tank (confined space)
- Attendant at exterior
- Spray interior of tank w/ BioMight cleaner

16:40 AAA stop concrete cutting
- Ventilate enclosure

00 AAA resume concrete cutting in TS HWA

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SUBJECT	PROJ. NO.	BY	DATE 2/4	SHEET

CHKS. BY _____: DATE _____ CHECKED BY _____; DATE _____

17:30 AAA stop concrete cutting
- Ran out of gas for saw

AAA attempt to pressure wash 373-01 int.
- H2O line from bldg. to pressure washer is frozen
- Cannot pressure wash
- Move H2O line indoors to thaw

17:40 AAA break for dinner
- Go get gas

19:00 AAA resume work activities

19:15 AAA pressure wash (w/ hot H2O) interior of 373-01 tank
- (1) man inside tank
- (2) attendants on top of tank
- Pressure = 2,700 psi
- Collect WW w/ Vac Truk

AAA resume concrete cutting in HWA

20:30 AAA finish pressure wash 373-01 interior

BBL observation:
- Good condition, no staining, no oil residue
- Photos taken

AAA generate 5.5 drums of WW

[illegible]:00 AAA off site

21:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/7	SHEET

CS. BY _____ ; DATE _____ CHECKED BY _____ ; DATE _____

AM Project Coordination Meeting

Monday
~30° F
Sun/Clouds

13:45 BBL on site

14:10 Meet w/ Mike Abbott (NMPC)
- NM personnel noticed dust outside of enclosure located in ~~TF~~ TSA HWA
- Monitor for dust inside/outside of enclosure
- No work past midnite

14:30 Documentation prep: Daily logs, monitoring, H+S

15:00 Site Walk

Exterior TF
- Access controls in place
- Confined space gear in place
- Mini excavator on site

Interior
- Enclosure taped shut
- Eqpt. & supplies neatly stored

Equipment
- Power conc. saw (Gas)
- Mini excavator
- Bobcat
- Box truck
- Hot water pressure washer
- Vac Truk
- Hammer drill

30 AAA on-site

Safety Meeting

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SUBJECT	PROJ. NO.	BY	DATE 2/7	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:45 AAA set up Eqpt. + supplies

BBL discuss w/ AAA:

- Dust outside of enclosure
- No excavator over TS berm wall
- Clean TS pumps + transfer eqpt.
- Daily AAA schedule
- Incorrect backfill → Need type F
- Proper PPE + monitoring

Troy Sand + Gravel deliver 10.9 tons of Ledgerock #2 stone
- Wrong type

16:30 AAA remove conc. saw from TS enclosure and relocate to VB

16:45 Talk w/ MCJ:
- 3 wipes inside / 3 wipes outside 373-01
- Call SciLab re: backfill VOC data
- QIS tank inspect → Tues. 2/15
- Cancel Bruce E. crew
- Clean drum crusher last

16:00 AAA construct enclosure in Versaire Bldg.

00 → Need to create negative pressure within enclosure
- Encl. modified to produce neg. press. w/shed vent

AAA begin removing conc. debris from TS

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SUBJECT	PROJ. NO.	BY	DATE 2/7	SHEET

CS. BY _____ ; DATE _____ CHECKED BY _____ ; DATE _____

17:15 AAA begin conc. cutting in VB
- Conc. saw on top of grate
- Cut ~ 3" in from face and ~ 9" deep

18:00 AAA complete saw cut conc. berm in VB

18:15 AAA excavator inside TS HWA berm
→ Remove immediately

18:30 AAA begin jack hammering VB wall to demo

18:45 AAA remove excavator from inside TS HWA

19:00 AAA smoke break / Dinner

20:30 AAA back ~~to work~~ on site

AAA perform 3RD cycle of TS pump area
- Clean w/ BioMight
- Clean 3 pumps, pans, etc.

21:00 AAA complete removing 9" of berm wall
- Exposed face is smooth → needs roughing

AAA roughening exposed face of berm wall
- Use jackhammer w/ 1" blade - vertical passes

AAA steamwash PCB handling Eqpt. in North area of VB. Collecting WW w/ VacTruk
- Hoses, pipes
- Hand tools
- Forklift
- Hand truck

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SUBJECT	PROJ. NO.	BY	DATE 2/7	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

21:30 AAA finish roughing face of berm cut in VB
- Roughed to 1" from top

21:45 AAA complete 3RD clean cycle of TS pump area
- Some oily spots to be recleaned

22:00 AAA removing grates in VB to allow access to the containment floor to be cleaned

23:00 AAA removed grates from north area of VB
- Using VacTruk to ~~clean~~ remove WW

23:30 AAA move Corr. + Flam. cabinets to the Truck Loading Pad in exterior TF

AAA perform 1ST clean cycle of northern containment area in VB
- Rinse w/ Bio Might
- Mop + clean
- Hot water pressure rinse
- VacTruck out WW

~~25:30~~ BBL collect verification wipes from 373-01 interior + NM-37301-VW

BBL collect VW from TS pump station
- NM-TSPUMP-VW

24:00 AAA off site

BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/8	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
~25°F
Sunny

13:30 Talk w/ MCJ
- Rmv conc. debris by hand
- Sample VB berm wall
- Sample crusher after
- Cover conc. in bucket
- Collect (2) crusher + (1) hoist VW

Jack

Eqpt On Site
- Bobcat
- Mini excavator
- 2 hammers ~~drills~~
- Vac Truck
- Hot H2O Pres. Wshr.
- Air Compressor
- Hand demo saw
- Box Truck
- Hammer drill

14:00 BBL on site

AAA on site

15 Safety Meeting

Talk w/ Ken P. (AAA)

- Ed Horning to replace Ken P. as PM
- Finish VB cleaning
- Demo + remove TS floor (Top 6" layer)
- May need to cut more conc. pending lab data

14:40 Site Walk
- AAA prepping @ VB for North berm area
- AAA " " Corr. + Flam. cabinets for cleaning
- TS enclosure sealed w/ tape + stapled poly

15:00 BBL prep for conc. sample in VB berm

AAA cleaning Truck Load area E. of TF
- Rmv debris from Truck pad
  ↳ Leaves, soil, trash
- Place debris in R/O w/ lining

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SUBJECT	PROJ. NO.	BY	DATE 2/8	SHEET

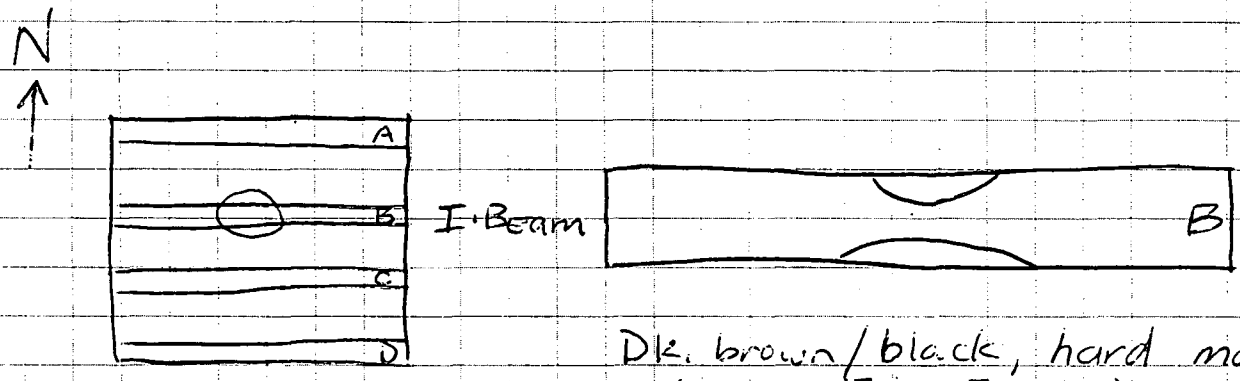
CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:05 AAA perform 2ND clean cycle of VB north area contain berm

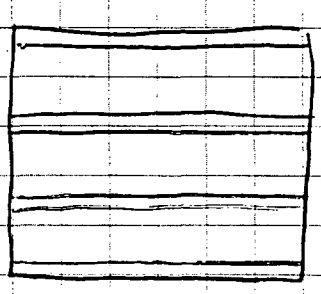
15:30 AAA complete 2nd clean of VB north contain.

AAA prep south area (VB) saw cut face for sample collection

→ Observations:
- Generally clean, No ~~at~~ staining
- Former sample locations visible



Dk. brown/black, hard material (Epoxy,? tar?, etc.) located under I-beam and stuck to floor



* Talk w/ MCJ: AAA to remove dark material

16:00 AAA complete 3RD clean of VB north contain. area

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SUBJECT	PROJ. NO.	BY	DATE 2/8	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:00 AAA moving eqpt → TS enclosure

- (2) 90 lb. jackhammers
- Air compressor located outside

16:30 AAA coffee break

17:10 AAA begin conc. rmvl. in TS enclosure

- Jackhammer 3'x5' sawcut conc. pieces into ~ 2'x1' pieces
- H2O applied to chisel to reduce dust

00 BBL begin dust monitoring (see Air Mon. Log)
↳ @ TS HWA

17:30 BBL collect Verification conc. samples @ VB
↳ See attached

MiniRAM PD3 = .00 @ 17:45 Pre-drilling
= 1.75 @ 18:00 Drilling
= .06 18:20 Post-drill

18:00 AAA removing conc. debris from enclosure (TS)

- Break large pieces down to smaller
- Pull Bobcat loader up to berm wall in air-lock
- Bobcat bucket is outside berm wall
- Hand load debris into bucket
- Remove B'cat out of air lock
- Transport debris + offload into R/O (lined)

18:30 BBL (→ AAA): Keep constant wetting on concrete
Ken P.

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SUBJECT	PROJ. NO.	BY	DATE 2/8	SHEET

DISCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

18:45 AAA continue concrete demo + removal

19:10 BBL → AAA (Ken P.): Make sure Bobcat stays in Air Lock during rmvl. acts.

19:20 BBL notify Ken P. (AAA) that HZO is leaking from rear of contain. berm

19:45 AAA break - Stop activities

20:30 Ken P. (AAA) off site

TS HWA Floor Rmvl Observations
- Demo ~ 75% of top floor (6")
- Removed ~ 50% " " "
- Work area still moist

21:15 AAA resume activities
- Conc. removal in TS enclosure

21:40 AAA to remove dark material from VB north area
→ material removed

22:00 AAA replacing grates in VB north area

22:15 AAA penetrates lower floor in TS enclosure
- Lower floor ~ 6" deep
- Dark soil below
- BBL to collect soil sample
- Photo taken

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SUBJECT	PROJ. NO.	BY	DATE 2/8	SHEET

CS. BY _____ : DATE _____ CHECKED BY _____ : DATE _____

22:50 AAA replaces grates over VB north area
- Floor area appears clean
- BBL to collect verify sample tomorrow

23:15 AAA continue conc. rmvl. from TS enclosure
- Constant wetting w/ hose during demo
- Hand load debris → BobCat
- Cover conc. in bucket w/ poly during offload

23:40 AAA stop work activities

AAA clean up

24:00 AAA off site

BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/9	SHEET

DES. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wed
~35°F
Sun/Clouds

9:45 BBL on site

10:00 AAA on site

Equipment:
- Box truck
- Bob Cat
- Mini Excavator
- Vac Truk
- Air Compressor
- Jack
- (2) Hammers ~~drills~~
- Hot H2O Press. Washer
- Hand demo saw

TS HWA Floor
- 8 drums of WW transfer to ext. poly tank (10)

VB Shed
- No. containment area clean
- Transfer eqpt (3x Wash) located under poly

Safety Meeting

10:30 Talk w/Jack H. (NMPC)

→ NMPC to remove 55g. drum from Flam. cabinet

10:45 NMPC remove drum

11:00 AAA set up for cleaning exterior Tank Farm

- Clean cabinets, tanks, etc. first
- Clean exterior of 373-01
- Clean containment of 373-01 + 101
- Place poly to catch/contain WW

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SUBJECT	PROJ. NO.	BY	DATE 2/9	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:00 Ed Horning (AAA) off site

14:15 AAA finish 1ST clean cycle of Tank 373-01 + Contain berm

AAA break for lunch

14:45 BBL off site to deliver samples to:

SciLab, Latham, NY

15:45 BBL back on site
AAA " " "

AAA start 2ND clean cycle of 373-01 + Contain
- Soak surfaces w/ Bio Might
- Scrub surfaces w/ brushes
- Rinse w/ Hot H2O pressure washer

16:15 AAA begin 1ST clean Flammables Cab.
" " " Corrosives "
" " " Outdoor pump catch pans

- All eqpt. located in Truck Load Pad

16:30 Talk w/ MCJ:

- Clarify sample QA/QC questions
- (3) drums in VB HW Shed
  ↳ MCJ will speak w/ MCA

16:45 Talk w/ Jim (SciLab)
- Hold concrete samples until 2/10

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SUBJECT	PROJ. NO.	BY	DATE 2/9	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:00 AAA cleaning Tank 101 (Virgin Mineral Oil) exterior

Talk w/ Ed (AAA) → Cleaning Tank 101 is not in Spec, Contract

12:00 BBL collect VBSW-VC3
VBSW-VC4

:30 BBL collect NM-VBTE-VW1
VW2
VW3

12:30 AAA cleaning Tank 373-01 + Contain Tank (Int. Only) (Ext.)
- Spray surfaces w/ Bio Might
- Pressure wash w/ hot H2O
- Photo taker
- Need to clean better, w/ brush or other means of agitation

13:00 AAA staging TS HWA floor WW drums (10) near TS overhead door
- # WW to be trans. → Vac Truck → Poly tank

BBL prep samples for delivery

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SUBJECT	PROJ. NO.	BY	DATE 2/9	SHEET

CS. BY _____ DATE _____ CHECKED BY _____ DATE _____

17:00 AAA & complete 2ND clean cycle of 373-01 (ext.) and containment (int.)
- No residues, sludges on bottom of contain
- Some stains + rust remain

AAA clean Corr + Flam Cabs (ext. only)
- Need to redo tops (both)
- " " do interior

AAA clean ~~4E~~ exterior pumps near Truck Pad

AAA perform 1ST clean cycle of TF Pump catch pans

17:20 AAA begin 3RD clean cycle of 373-01 + Contain

18:30 AAA complete ~~2ND~~ 1ST clean cycle of Truck Load area

19:00 AAA complete 3RD clean of 373-01
- Spray tank exterior w/ cleaner
- Hand brush wash
- Hot H2O pressure rinse

19:10 AAA transfer drums (10) WW → Vac Truk

19:35 AAA complete 2ND clean cycle of Truk Load area
- Removed Flam + Corr cabinets
- Complete 2ND clean of TF pump catch pans

20:00 AAA offload WW from VT to 1,500 gal. poly tank located in TS Storage Bldg.

AAA off site

20:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/10	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thurs
~35°F
Sun/Clouds
Poss. Frz. Rain

15:00 BBL on site

AAA on site

Equipment:
- Box Truck
- BobCat
- Excavator
- VacTruk
- Air Compressor
- (2) Jack hammers
- Pressure washer
- Hand demo saw

AAA Daily Plan: • Finish Truck Load Pad
" " removing TS 6" subfloor

15:10 Safety Meeting

15:15 AAA set up, prep eqpt. for activities

15:30 AAA "deCon" (AAA) 55 gal. drums of WW (10)
- Cleaner, press. wash rinse
- Set up at Truck pad
- Using VacTruk to contain liquid
- Off liquids VT → Poly tank

15:50 AAA begin 3RD clean of Truk Load Pad
- Clean w/ Bio Might
- Scrub brush wash
- Hot H2O press. wash rinse

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SUBJECT	PROJ. NO.	BY	DATE 2/10	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:45 AAA ~~finish~~ finish 3RD clean Truck Pad
- Very clean near entry
- Many patches - brown + gray
- Some staining near pumps

AAA finish clean of TF pump catch pans

17:00 AAA begin TS concrete demo (6" Sub floor layer)
- (1) man on Jackhammer
- (2) men hand loading debris → Bobcat
- BobCat located in Air Lock chamber - (1) man
- Bucket w/ concrete is covered during removal
- BobCat off conc. debris into lined Rolloff (R/O)

17:00 BBL collect verification samples
- (3) wipes from 373-01 exterior (NM-E37301-VW)
- (3) wipes from containment tank interior
- See sample log → (NM-373SCT-VW)

TS
18:00 AAA continue conc. demo in enclosure
- Start at backside
- Control joints near N+E berm walls
- Hand loading into BobCat
- Constant wetting during demo w/ hose

:00 AAA cont. conc. demo acts.
- BobCat turned off while loading debris

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			2/10	

CS. BY _____ ; DATE _____ CHECKED BY _____ ; DATE _____

20:00 AAA break for dinner

AAA move mini-excavator in Air Lock

21:00 AAA back on site

AAA cont. conc. rmvl. from TS enclosure

AAA move mini-excavator out
- Cannot reach conc. debris
- Easier to hand load

22:00 AAA ~80% of conc. debris removed from TS lower floor
- Soil below is dark brown + moist

23:10 AAA finish removing TS conc. floor
- Offload debris → R/O

BBL collect ver. wipes from TF pump pans
+ NM-PUMPAN-WV 1 + 2

AAA clean up

24:00 AAA off site

BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 2/11	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
~35° F
Cloudy/Rain

12:00 BBL on site

AAA on site

Equipment: * Waiting for NMPC R/O for soil

AAA daily plan:
- Clean interior of TS enclosure
- Remove top 1" of soil → TSCA R/O
- " next 5" " " → 3RD R/O

12:15 Safety Meeting

AAA: ~~&~~ Monday activities?

Talk w/Ron (NMPC)

- AAA is cleaning drum crusher & interior of enclosure to enable NMPC personnel to crush (13) drums following soil rmvl.

12:30 AAA begin cleaning interior of TS enclosure

- Hand washing drum crusher
- " " berm wall & surfaces
- Removing used materials & debris
- HEPA filters are running

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SUBJECT	PROJ. NO.	BY	DATE 2/11	SHEET

CS. BY _____ DATE _____ CHECKED BY _____ DATE _____

13:00 Talk w/ MCJ

- Todays game plan
* - Can we get PCB ~~re~~ concrete results in 24 Hr?
- Mondays tasks

09:30 Talk w/ MCA

- NMPC has R/O coming today
* • Clean drum crusher + interior of enclosure
- Remove top ~~of~~ layer of soil + conc. dust

13:45 AAA Question: What to do w/ ~20 gal. of sludge that remains in VacTruk?

→ Ron calls MCA: OK for AAA to solidify sludge in VacTruk and place in TSCA R/O for disposal

AAA to complete soil removal first, then NMPC can crush drums (13).

30 BBL collect PCB wipe duplicate from 373-01 - NM-E370301 - VW4 next to E370301-VW1

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SUBJECT	PROJ. NO.	BY	DATE 2/11	SHEET

DISCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:00 AAA cont. cleaning interior of TS enclosure
- Outside floor clean
- Berm wall clean
- Inside ledge clean
- Drum crusher clean
- Redo poly walls

14:30 AAA finish cleaning TS enclosure
- Observations ↓ above
- Photos taken

14:40 * Still waiting for NMPC R/O for soil

AAA on break

16:00 Talk w/ MCA
- R/O not here
- Remove soil + stage on 2x 6-mil poly
- Have concrete samples analyzed 24 Hr. TAT

16:30 AAA set up soil stage area near OH door
- 2 layers of poly

AAA begin soil rmvl.
- Break soil w/ pick by hand
- Load soil into Bobcat bucket
- Off soil onto staging area

17:00 Talk w/ Shawn at SciLab
- Rvw sample analysis
- Jim will be in tomorrow (Sat.) for sample drop

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SUBJECT	PROJ. NO.	BY	DATE 2/11	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

18:00 AAA ~50% done w/ soil removal

19:30 AAA complete soil removal from TS
- Stage soil outside on concrete deck
- Soil to be transferred to NMPC R/O
- Poly anchored on top w/ BobCat, pallet, pipe

* BBL grab soil sample TSOILEX-CS1 → SciLab

20:00 AAA off site

BBL begin collect soil + concrete samples
+ NM-TSHWA-VC1, 4
+ NM-TSOIL/M-VS1, 3

21:00 BBL collect concrete samples
- See sample notes

22:00 BBL finish sampling

22:15 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 2/15	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sun
~35°F

05:30 Leave Syracuse

08:00 Arrive at NMPC No. Albany
BBL on-site
Waiting for QIS

08:15 Call MCA on cell phone
- Discuss lab results

08:20 MCA on-site
- Cont. conversation of lab results

08:40 QIS on-site
- To perform inspection of Tank 373-01
- Intro NMPC personnel
- Describe project background

Safety Meeting

09:10 Conf. call w/TBM, MCJ (BBL) + MCA, JM (NM)

- Discuss lab results
- VB ok → no further rem. action
- TSHWA-VCs
- TSHWA-Soils

* MCA + JM to discuss approach
↳ Call back at Lunch time

* Fax results + diagrams → MCA + JM

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			2/15	

LCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:40 Fax results → MCJ (BBL) 428-3101

10:00 Fax results → JM (NM) (315) 428-3549 Fax (821)-3101

09:45 QIS begin inspection

- Sean enter tank + visually observe
- Stiffeners on each head (end plate)
  - ↳ Welds still contain slag
    - ↳ Need to remove slag w/ wire brush
- Paint chips on ext. need repainting / touchup
- Cracked / Peeling paint on floor of containment tank
- Failing paint on piping

11:00 QIS off site for lunch

12:00 QIS back on-site

QIS begin Ultra Sound test

- Begin testing heads first
- Take readings over grid pattern
- Move to barrel section next
- Most readings are .250 inch thick

13:00 QIS test pipes/couplings

MCA off site

Talk w/ MCJ: need to decide next task

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SUBJECT	PROJ. NO.	BY	DATE 2/15	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:00 QIS finish tank testing

- Overall 'good' condition
- Interior: Sound, welds (as before), little corrosion
- Exterior: Good, paint chips, no pitting

14:10 QIS completing paper work + documentation

15:00 QIS off site

15:30 TBM talk w/ MCJ

- Collect (2) conc. floor samples from just outside of berm wall adjacent to exist. samp. locations
- Submit samples → SciLab (24 Hr TAT)

16:00 BBL ready to collect samples
NMPC personnel in area → need to wait for them to leave

16:30 BBL begin collect samples NM-TSHWA-VCS +6

18:15 BBL complete COC, sample containers, etc...

18:30 BBL off site to deliver samples

18:00 BBL deliver samples to SciLab

21:00 TBM return to Syracuse + Unload eqpt.

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			2/24	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thurs
~50°F
Cloudy

13:00 BBL on site (TBM, WBH)

BBL meet w/ Jack H. + Barbara Zacharek (NM)

- Give project overview to Barb
- Discuss anticipated activities (sampling)
- Mike Abbott to be on site later
- Barb Z. is replacing Mike Abbott

* BBL wants to <u>confirm no structures</u> (conduit, pipes, lines, etc.) are in Trans. Shop concrete floor before sampling

13:30 BBL unload equipment & supplies

Walk site w/ WBH, discuss activities

14:00 Safety Meeting

14:15 TBM leave voicemail → MCJ
RE: Structures in concrete floor

14:30 BBL prep for sampling

- Markout TS concrete floor sample locations
- Prep bottles

15:30 BBL off site

2/3

BBL
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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			2/25	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
~ 50°F
Clouds/Rain

07:00 BBL on site (TBM, WBH)

Daily Documentation

Safety Meeting

07:30 BBL finish sample markouts of OTF Truck pad

07:45 BBL begin collecting rinsate samples

→ NM-OTFTP-VR1: VOCs
SVOCs
RCRA Metals
PCBs

08:30 BBL begin collecting concrete samples from Transformer Shop floor

- Most eqpt. has been relocated from floor area West of HWSA
- Work benches, electric boxes, etc. remain on floor area South of HWSA
- Sample locations as per figure

→ See Sampling Notes

BBL collect rinsate sample from Corrosive Cab.

→ NM-OTFCC-VR1: pH

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SUBJECT	PROJ. NO.	BY	DATE 2/25	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:30 BBL collect rinsate sample from Flammable Cab.

→ NM-OTFFC-VR1: VOCs

10:30 BBL cont. collect concrete samples
" " " rinsate "

12:00 BBL complete collecting rinsate samples

13:30 BBL complete collect concrete samples

14:00 BBL restore concrete floor sample locations

- Mix batch of 5-Star grout; thick mix
- Fill bore holes to match floor surface

14:30 BBL prep samples for delivery → SciLab

16:00 BBL demobilize + off site

16:30 BBL deliver samples to SciLab (Latham, NY)

→ See COCs

16:45 BBL leave SciLab → Return to Syracuse

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SUBJECT	PROJ. NO.	BY	DATE 3/15	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
~45°F
Cloudy

09:30 BBL on site (TBM, WPH)
→ Safety Meeting

09:45 BBL survey TS + MS
- 'New' + 'Old' concrete in MS
- Permanent structures
- Steel plates

11:00 Fax figure to MCJ (BBL) to confirm sample locations

11:15 BBL markout sample locations

12:00 BBL begin collect concrete samples
- WPH collect samples
- TBM measure locations
- TBM regrout sample holes

13:00 BBL off site

14:00 BBL on site - Continue sample collect
- TBM collect samples
- WPH documenting

16:00 BBL off site

17:00 BBL deliver samples → SciLab (Latham)

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SUBJECT	PROJ. NO.	BY	DATE 3/29	SHEET

CKD. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Cloudy
~45°

08:15 BBL @ SciLab to obtain sampling supplies

08:30 AAA on site
- Labor: (2) Labors (1) Foreman
- Eqpt: Vac Truck, Box top truck, Bobcat
- Matls: ~1,100 gal. of WW in poly tank in storage bldg.

08:40 BBL on site (TBM, WPH)

Meet w/ Jack H. (NMPC) discuss days activities

AAA to: 1) Remove TS enclosure
2) Cover excavation
3) DeCon drum crusher, OH hoist
4) Move soil from pad to R/O
5) DeCon Vac Truk

BBL needs access to Meter Storage, Stairwell

09:00 Safety Meeting

09:15 Mark out sample locations w/ WPH
AAA clean drum crusher

09:00 AAA begin @ TS HWSA enclosure removal

10:00 AAA finish TS HWSA enclosure remove

10:15 AAA begin clean up eqpt./supplies from TS and OTF → place debris in R/O w/ Sc11

AAA Clean OH hoist

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SUBJECT	PROJ. NO.	BY	DATE 3/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:00 BBL begin collect concrete samples

11:00 AAA begin cover TSHWSA excavation

11:20 AAA finish " " "

11:30 AAA begin DeCon VacTruck

12:15 AAA finish " "

12:20 AAA collect verification wipes from interior of VacTruck (NM-AAAVT-VW1→3)

12:45 BBL collect ver. wipe from OH hoist (TS) - 1
Drum crusher - 2

12:30 AAA off site → lunch

13:15 AAA on site

13:25 AAA begin moving soil from pad into R/O

12:50 Bobcat delivered

R/O contains pads, trash, debris before soil

14:15 AAA finish loading soil into R/O

14:30 AAA off site

Bill Hopkins (BBL) on site

* Walls at entrance of truck dock to replace?

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SUBJECT	PROJ. NO.	BY	DATE 3/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:00 BBL review vaults in MS
- Does NM want to fill ~~&~~ any/all?
- Must relocate Elec bank
- IO conduit run 12" below floor surface
- Vaults filled w/ 1420

Truck dock
- Sanitary location
- Pipes in floor
- Walls near entrance
- Pipes + ducts above

Pipe Trench
- What function? → Condensate?
- Where to?

(2) 11"/18" Floor drains?
- Identify
- Future status

(3) Sealed Drains + 15"
- Id
- Future status

Is TS floor sloped or settled?

Restore floor over column base/pile cap? → No

VB: Trim back waterstop
Anchor fresh mortar to exist
Coat w/ same system

16:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 4/4	SHEET

CS. BY _____ DATE _____ CHECKED BY _____ DATE _____

Tuesday
Rain
~50° F

09:15 BBL on site (TBM)

Speak w/ Jack H. → discuss todays activities
- Collect concrete samples
- Parratt Wolff to collect (4) soil borings
- WPH to be on site tonite w/ P/W
- JH - scrape on OTF truck dock

09:30 Unload eqpt.

Prep sample containers

Mark out sample locations

10:00 Safety Meeting

17 drums = 3 ring top / 14 fluid
2 full / 12 full
1 = ½ full / 1 empty
1 ½ full

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SUBJECT	PROJ. NO.	BY	DATE 6/7	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sunny
~70°F

9:30 BBL on site

AAA on site - 1 Super, 3 labors
See Sign In Sheet

9:45 Safety Meeting

0:00 AAA Supply Truck on site

(16) HEPA units
4" Rib/Corrugated HDPE pipe
Lumber: 2x4s
Mobile circuit breaker
OSB - 4x8s
Poly
Hand tools

0:30 AAA begin constructing enclosure

Walk site w/ Ken P.

- Enclosure @ Gen./Elec. banks to be vented by opening windows
- BBL will markout non\TSCA conc. rmvl. areas
- Remove office slab
  → Wait for floor tile status
- Outlets on cols → See McNamee
- OH crane to be LOTO
- Water in truk dock
- NMPC material on MS side of TD needs removed
- Can R/O be placed in TD?

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SUBJECT	PROJ. NO.	BY	DATE 6/7	SHEET

A. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:30 AAA construct air locks @ TD enter + manway

12:00 Ken P. off site

12:45 AAA crew break

13:45 Ken P. on site

AAA resume enclosure construction

14:20 BBL talk w/ Jim McNamee (NMPC)

↳ See "NMPC' Items" ℄ sheet

15:00 AAA off site

BBL talk w/ Barb Z.

↳ See 'NMPC Items' sheet

Observations:
- TD air lock framed
- Manway " " "
- Gen/elec. bank framed
- TD wall framed
- Supply truck (AAA) left on site
- TD steel deck (bridge) removed from TD + placed in MS

15:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/8	SHEET

CHECKED BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Sunny
~70°F

07:00 BBL on site (TBM)

AAA on site: (1) Super (4) labors

07:15 Safety Meeting

AAA continue to construct enclosure

Site Observations
- OH crane to be LOTO
- TD/MS wall frame needs lateral bracing
- Few frame sections attached to pipes
  → Must be supported by structural members

08:30 AAA cont. w/ enclosure
- Framing needs lateral bracing

08:35 AAA break

09:05 AAA back to work

- Need to move sprinklers in TS office
- Power hookup for 480 V, 1-phase, 125 Amp

09:30 AAA hanging poly on frames

AAA find poly bag w/small amount of asbestos (friable)

10:30 AAA placing poly over MS area

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SUBJECT	PROJ. NO.	BY	DATE 6/8	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:30 Ken P. off site

12:00 AAA cont. hanging poly in MS & TS Gen/Bank area

2:30 Ken P. on site

13:15 Ken will not be on site tomorrow

13:45 Hanging poly in MS area

" " near office O/H

14:00 AAA hanging cables in TS Meter area O/H

14:30 AAA off site

15:00 BBL talk w/NMPC (TBM w/ BSZ)

- ID lab for floor tile asbestos samples
  → BSZ will find out

- Leave voicemail w/ J. McNamee
  → Need to ID power source in TS

15:15 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/9	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday ~80°F
Cloudy/Sun

07:00 AAA on site → Keith B. replace Ken P. (foreman)

BBL on site

07:15 Safety Meeting

AAA - No addl. eqpt. on site today

Site Observations:

- Enclosure complete @ MS
- " wall " @ TD/MS Need brace *
- " " @ TS Gen/Bank
- " " @ TS office area O/H
- Cables hung @ Meter area O/H

07:45 Talk to Jim Mc (NMPL) re power outlet for AAA

08:30 Hang poly on TS east wall

" " @ Meter area O/H

09:00 Carl (Facilities) locate power box

→ Breaker Box # PPZ-3 (Outdoor pumps disconnected)

* 208 Volt, 3ϕ → located @ col. near TS HWSA

AAA to hard wire their transformer to PPZ-3

* Need qualified electrician

08:45 Talk w/ Bill Donovan: Encl. to be done by T/W, 6/13,14

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gineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 6/9	SHEET

[redacted]. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:45 AAA break

10:15 AAA off break

10:45 Poly over O/H door from TS to main garage?
- Talk w/ Ken P. on Monday

11:15 BBL photo Genesee St. Sub Station

11:45 AAA break for lunch

[redacted] AAA back on site

13:30 AAA break
- Men + ~~eqpt.~~ truck gone

13:15 AAA off site

BBL take photos @ interior of TS

Observations:

- Enclosure complete @ TS Meter area (low bay) OH
- NEED to brace TD poly wall
- Talk w/ Art (NMPC) → remove elec. box @ col.

15:00 BBL off site

[redacted]

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SUBJECT	PROJ. NO.	BY	DATE 6/12	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Cloudy
~60° F

NMPC: Barb Z off site today

09:30 AAA on site

09:45 Safety Meeting

10:00 AAA continue hanging poly

BBL on site

AAA Equipment: flat bed eqpt. truck #6318

- Scissor Lifts: Genie GS-1930 #P1688
  " " " #P1689

AAA hanging poly near SE O/H door

11:05 AAA coffee break

11:30 AAA hanging steel cable from O/H crane rails in TS high bay area

- 1 man in lift/1 man on ground
- Wrap cable around rail ledge + anchor

12:30 Steel cables hung in TS high bay area

13:00 AAA begin hanging poly over cables

- Start on east end
- Attach wall poly + cieling poly @ cable
- Pull poly to next wire + staple
- Wrap poly around cable + staple

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SUBJECT	PROJ. NO.	BY	DATE 6/12	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

4:00 AAA cont. hang poly in TS high bay area

4:45 AAA clean up/break down

Observations:

- AAA circuit box located in Gen. Encl.
- Circuit box wires above poly to NMPC box
- Office low bay area enclosed
- Meter " " " "
- Poly hung over TS area
  Need to hang poly over TD area
- * ~~AAA~~ Barricade around TD area

5:00 AAA off site

5:20 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/13	SHEET

CHKD. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sun/Clouds
~70°F

07:00 BBL on site

AAA on site

Barb Z on site today

07:15 Safety Meeting

AAA eqpt: No new pieces

AAA to finish enclosure today
- Weld seams @ Hi bay/Low bay
- Hang poly over TD area

08:00 Talk w/ Barb Z. (NMPC)
- NMPC observer selected? → Tom White to decide
- Asbestos lab? → Barb Z. to confirm

08:15 Talk w/ Jim M. (NMPC)
- AAA to have electrician wire circuit box
- H2O source in wash bay + outside spigot

08:30 AAA hanging wires in TD area
" cont. weld seams (w/staples) @ Hi/Low bay

08:45 AAA leave seam open @ O/H heater in TS
→ Talk w/NMPC re: " " "

09:15 AAA break

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JBJECT	PROJ. NO.	BY	DATE 6/13	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

9:35 AAA back to work

0:00 Ed Rosen (Rosen Electric) on site

- $500 est. to wire AAA circuit box to NMPC source

0:30 Rosen off site

1:00 AAA hanging poly @ TD bay

- Poly hung over TD & in TS & anchored to TD wood frame

BBL measure TD steel deck extension (Bridge)

- TD bearing plate (3" × 51" × 3/8") welded to 4"×4" L iron, welded to 2"×1" L iron legs w/ 3 anchor bolts into TD concrete walls. (1) leg cut from floor (~12") w/ 2 anchor bolts on West side

- What is bearing 'Bridge' mass — L iron or legs?

→ TD drain plug w/ DEC C.O. # R70624-91-07

- Recommend installing legs under bridge to carry loads

- Ladder on west side has (1) leg bent

AAA break down eqpt.

12:15 AAA turn off Hot H2O valve @ TS O/H heater

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SUBJECT	PROJ. NO.	BY	DATE 6/13	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

13:00 BBL conduct enclosure observations:

Office: ✓ Weld seam @ Generator area
✓ 2-Ton radial arm O/H hoist not covered
✓ Seam @ fluor. lite
✓ Seam @ Gen. encl.

TS: ✓ Anchor bottom seam @ Meter area

MS: ✓ Cover elec. bank

TD: Anchor ext. poly @ air lock
Attach ballast

* Check Gen. enlosure for Hi temps
↳ Ventilate as needed

All: No exposed nails/screws in wood members

13:45 TD O/H door wont close
— Cable fell off pulley * AAA to repair end. 6/19
14:15 O/H door opens/closes smoothly

14:00 Rosen Electric on site

— Wiring AAA transformer to NMPC breaker box
— Rosen test system

0

Rosen off site
AAA off site
BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/13	SHEET

CHKD. BY _____; DATE _____ CHECKED BY _____; DATE _____

9:35 AAA back to work

0:00 Ed Rosen (Rosen Electric) on site

- $500 est. to wire AAA circuit box to NMPC source

0:30 Rosen off site

1:00 AAA hanging poly @ TD bay

- Poly hung over TD @ in TS & anchored to TD wood frame

BBL measure TD steel deck extension (Bridge)

- TD bearing plate (3" x 51" x 3/8") welded to 4"x4" L iron, welded to 2"x1" L iron legs w/ 3 anchor bolts into TD concrete walls. (1) leg cut from floor (~12") w/ 2 anchor bolts on West side

- What is bearing 'Bridge' mass — L iron or legs?

→ TD drain plug w/ DEC C.O. # R70624-91-07

- Recommend installing legs under bridge to carry loads

- Ladder on west side has (1) leg bent

45 AAA break down eqpt.

12:15 AAA turn off Hot H2O valve @ TS O/H heater

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SUBJECT	PROJ. NO.	BY	DATE 6/19	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sunny
75° F

14:00 AAA on site

AAA equipment:

- VacTruk #7A-376
- Eqpt./Supply truck
-
- (2) Concrete Saws: Target Pro 35 #P1573
  #P1427

BBL on site

AAA repair TD enclosure

AAA setup air machines

- (9) machines stacked @ rear OH door
- (3) " " " TD OH door

15:00 BBL check w/ NMPC re: LOTO of outlets @ TS columns

Karl (NMPC) Facilities: Mike Clark will do

Mike Clark (NMPC) will be on site observer

↳ Pager 876-5084 → ext. #
Cell 428-3439

15:20 Mike Clark on site

BBL request outlets de-energized by Mike C.

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SUBJECT	PROJ. NO.	BY	DATE 6/19	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

5:30 Safety Meeting

5:45 Mike C. begin tracing outlet circuit @ Meter bay

6:00 BBL collect concrete samples

- Collect (1) composite from TD block wall

6:15 AAA begin knocking down TD block wall

- Using sledge hammers to break wall
- Start at ends, mid-height
- Remove towards middle
- Lower section remaining
- Knock down lower section
- Clean debris + drop in TD area

7:00 AAA finish demo of TD blok wall

- Need to repair enclosure along top of TD

17:30 NMPC (MIKE C.) LOTO/deenergize Meter bay outlets

18:00 AAA collect TS office floor tile sample

- Collect (1) composite from 3 discretes
- So. end + midsection have black adhesive (Mastic?)
- No. end have yellow/tan adhesive

18:20 NMPC (Mike C.) LOTO/deenergize Office bay outlet

18:30 AAA begin concrete cutting

- 2 teams: 1 man on saw + 1 man vacuuming H2O
- (1) team @ Gen. encl.
- (1) team @ TSH/USA

PPE: Level C

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SUBJECT	PROJ. NO.	BY	DATE 6/19	SHEET

ADDED BY _____: DATE _____ CHECKED BY _____; DATE _____

9:10 AAA stop activities due to high CO reading
- CO = 294 ppm

9:40 AAA back to work cutting concrete
- 2 teams
- 1 man on saw / 1 man vacuuming H2O
- Cutting H2O → Vac Truck

20:00 AAA stop activities → Hi CO reading = 278 ppm
- @ Team make 1 pass

Dinner break

21:00 AAA resume concrete cutting
- 2 teams
- 1 cut / 1 vac
- Cutting floor (TS) in E/W lines @ 4' o/c
- Make 1 pass @ team

21:25 AAA stop/break → Hi CO = 330 ppm

21:50 AAA resume concrete cutting
- 2 teams
- 1 pass / team

22:20 AAA stop cutting → CO = 307 ppm

22:45 AAA resume cutting

23:00 AAA stop cutting → CO = 286 ppm

23:20 AAA resume cutting

23:30 AAA stop cutting → CO = 294 ppm

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/19	

BY _____; DATE _____ CHECKED BY _____; DATE _____

3:45 AAA break/clean up for shift

4:00 AAA off site

BBL off site

NMPC off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/20	

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sunny
80° F

15:00 BBL on site

15:15 BBL calibrate H+S monitoring eqpt.

15:45 Site Observations:
- Some cracks in concrete along cut lines
- AAA complete 8 passes E/W
- Change filters on HEPA units
- H2O puddle in Meter bay
- (3) N/S passes in Meter bay

16:00 AAA on site

AAA eqpt:
- No new eqpt.

Safety Meeting
BBL collect Air Monitoring samples

16:10 AAA begin concrete cutting
- 1 operator wearing PCB air sampler
- " " " silica " "
- Concrete saws spraying H2O on blade
- No visible dust
- Vac H2O into VacTruck

16:40 AAA stop activities → CO = 327 ppm

[illegible]:10 AAA resume cutting concrete

19:30 AAA stop cutting → CO = 276 ppm

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/20	

BY _____; DATE _____ CHECKED BY _____; DATE _____

7:55 AAA resume concrete cutting
- Cutting around perimeter
- " " TS office pad

8:50 AAA stop concrete cutting
- Begin to remove eqpt.

9:00 BBL observe concrete cuts
- Need clean cut near Generator
- Need saw cut @ perimeter of removal area
- " " " " Main garage perimeter
- " " " " SE corner

14:00 AAA resume concrete cutting
- Cutting @ Main garage perimeter

19:50 AAA stop cutting activities

20:10 AAA resume cutting concrete
- (1) team @ Generator enlosure

21:15 AAA stop concrete cutting

21:30 AAA resume conc. cutting @ Gen. enclosure

21:50 AAA stop work activities

22:00 AAA off site

22:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

6/21

	MS	TS
09:30	2.58	1.09
10:00	1.82	0.427
10:30	2.72	0.397

Add 2 HEPAs → MS
Change all filters.
Poly over debris
Barricade around TD
Repair TD airlock
Clean up trash/debris
Clean MS debris
Airlock @ MS

6/22

5:25	0.842
6:00	0.265
6:30	2.762
7:00	0.383
7:30	0.482
8:00	0.274
9:00	1.913
10:00	.579
10:30	.276
11:00	.580
11:30	.868

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/21	

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sun/Clouds
75° F

5:00 BBL on site

5:15 BBL calibrate H+S eqpt.

5:40 Site Observations:

- (4) N/S cuts @ Meter bay
- (1) E/W " " " "

(Meter) - Sawcut along N wall, NOT sawcut @ E wall
- (6) E/W " " Hi bay area
- (1) N/S " " " " " → ~6' off grade beam
- (2) E/W " " Generator low bay
- (1) N/S " " " " " " " "
- (1) N/S " " Trans. Shop office slab

15:50 AAA on site

AAA eqpt:

- Previous exist. eqpt
- Albany Ladder/AirMan # PDS185S Air compressor
- (1) Jack hammer
- Bob Cat w/ steel track over wheels
-

16:00 Safety Meeting

AAA repairing enclosure

- @ TD O/H door
- @ MS manway
- @ East wall
- @ TD west wall

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JBJECT	PROJ. NO.	BY	DATE 6/21	SHEET

A[illegible]. BY _____; DATE _____ CHECKED BY _____; DATE _____

6:15 AAA setting up air compressor + Eqpt.

6:45 AAA begin cutting concrete @ East wall

7:00 AAA begin scarifying around steel plates in MS

- Jack hammer up to plates
- Misting H2O w/ hose
- Found pipe hole in floor @ NE corner

7:30 AAA resume saw cutting @ East wall

- Does not appear to be full depth (~2"-3")

8:00 AAA bring BobCat on site

- Cat Model 246
- Steel tracks over rubber wheels

AAA cont. scarifying @ MS

- Need to mist more w/ H2O
- Area in garage has coating that is breaking concrete to a depth of 1"-2"
- Area in MS down to ~1/2"

8:15 AAA moving MCV wall debris towards back of TD

9:00 AAA switch teams @ MS scarify area

AAA switch bucket w/ ram hoe on Bob Cat

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/21	

CHKD. BY _____ ; DATE _____ CHECKED BY _____ ; DATE _____

9:30 AAA continue scarify in MS area

- Small area near W bank breaking down 2"-3"
- Appears to be asphalt mixed w/ concrete
- Sweet smell → PID = 1.7 ppm VOC

19:45 AAA bring Bobcat up to TS floor

- Stack MCU wall debris @ N end of TD
- Drive Bobcat up + over debris onto TS floor

20:00 AAA breaking concrete in TS w/ ram-hoe + Bobcat

- Broke ~ 4'x4' section
- Dark material + aggregate below
- No odor → PID = 2.2 ppm VOC

20:15 AAA change ram hoe w/ fork blades

20:30 AAA breaking concrete @ TS w/ Bobcat + forks

- Placing forks under concrete edge in excavation and popping concrete up
- Removing TSCA concrete
- Placing concrete debris @ S end of TD

21:00 AAA continue scarify @ MS

AAA cont. breaking concrete @ TS

- 1" horizontal conduit embedded in debris
- (2) 2" vert. conduit in removal area

21:30 AAA cont. scarify @ MS

AAA cont. concrete removal @ TS

22:00 AAA break

22:30 AAA resume work activities

- Cont, scarify @ MS
- Cont. concrete removal + demo in TS

23:00 AAA breaking concrete in TS w/ Ram'hoe

23:30 AAA, BBL, NMPC inspect conduit in TS concrete removal area

- See attached figure

23:40 AAA stop work activities

24:00 AAA, BBL, NMPC off site

TD Area

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/22	

ASS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Cloudy
80° F

14:30 BBL on site

Prepare documentation & H/S equipment

15:00 NMPC (Mike Clark) reinstalling TD O/H door control @ TD column

Site Observations:

- Approx. 1/3 of MS area scarified around steel plates + main garage
- ~1,000 sf of concrete in TS demo'd + placed in TD area (separate from MCU wall)
- Soil in TS removal area is dark brown/black
- TD airlock needs repair
- AAA needs to barricade around TD

15:45 AAA on site

AAA eqpt: No addl. pieces today

16:00 Safety Meeting

BBL review punchlist items w/ AAA

16:15 AAA removing concrete debris in MS

AAA adding (2) HEPAs in MS (Total = 3)

AAA replacing all filters on HEPAs

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/22	

CKS. BY _____; DATE _____ CHECKED BY _____; DATE _____

6:40 AAA repairing TD airlock @ exterior

AAA placing poly over debris in TD

7:00 AAA demo + remove concrete in TS

AAA saw cut TS perimeter @ stairwell

~~8:00~~ 17:30 AAA begin scarify in MS area

8:00 AAA cont. concrete ~~&~~ demo + removal @ TS

" " scarify in MS

18:30 AAA removing concrete from TS + placing in TD w/ Bobcat + bucket

Ken P. moving debris towards ext. end of TD w/ front end loader

19:15 AAA cont. scarify in MS

19:30 Bob Cat w/ ram-hoe demo concrete in TS

- Breaking concrete at perimeter of TSCA/Non
- Min. 1' clearance from column pads

20:20 AAA break

- TSCA debris @ S end of TD
- CMU wall debris @ N end of TD

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SUBJECT	PROJ. NO.	BY	DATE 6/22	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

21:00 AAA back to work activities

Bobcat w/ forks removing ~ 3'x3' sections of TS floor

Cont. scarifying in MS area

- Small area of unsound concrete within larger area of sound concrete

22:00 Bobcat 'popping' sections of TS concrete

- Removing TSCA section first

22:20 AAA break

22:45 AAA resume work activities

23:15 Bobcat replace forks w/ Ram-hoe

23:30 Removing concrete @ TS + Meter bay

- Embedded conduit near joint
→ Notify NMPC

24:00 AAA off site

BBL off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET

BY _____ DATE _____ CHECKED BY _____ DATE _____

6/23

7:00 Observations

Repair TD air lock
Clean Office pad
Saw cuts @ (3) cols near office
Column pad near SW TSWSA @ corner broken
2 walls of TSWSA ~~to be~~ demo'd
TS flr TSWSA + Low bay (Meter) removed between
MS 95% scarify
Punch thru @ MS ~ 4' E of C43
Scabbler

6/26

4:45	1.109
5:15	0.443
5:45	~~0.362~~
~~6:15~~	1.042
6:50	0.939
6:00	0.487
9:30	0.429
	0.328

NMPC

Oil line

11:30 ~~Jim M.~~

~~Cindy~~

~~MEJ — No 7/3/00~~

445-9161

FAX

1:30 * ~~American~~

2:30 ~~Laurie I. → Hand calcs.~~

FJK: * GE - Carroll - Sampling / Eqpt. clean /

Figures

Daily Notes Forms

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A.D. BOUCK & LEE, INC.
Engineers & Scientists

SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/23	

BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sunny
80° F

5:00 BBL on site

Prep documents + H/S eqpt.

5:30 NMPC (Mike C.): Embedded conduit in TS
* has been deenergized and cut at circuit bank. OK for AAA to terminate

5:15 AAA on site

Site Observations:

- Approx. 2/3 of MS scarified
- Rebar exposed in garage area (~1.5" deep)
- Conduit exposed/embedded near elec. bank
- (3) HEPA units in MS area
- TS: Conc. removed TSWSA → TD, Hot area near office
- Column pad cracked over conduit near Meter bay
- Slab on earth, no ABC
- Soil near Office/Gen. is dk. brown/black

AAA eqpt.

- Vac Truck
- (2) Supply trucks
- Air compressor
- Front end loader - Cat TH83
- Road saw #1573
- Cat Bobcat 246
- (16) HEPAs
- Jackhammer

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SUBJECT	PROJ. NO.	BY	DATE 6/23	SHEET

BY _____ DATE _____ CHECKED BY _____ DATE _____

5:45 Safety Meeting
TSCA

6:00 AAA removing ✓debris w/ Bobcat + bucket from TS and placing in TD @ S. End

AAA removing ~100 gal. of liquid from 1,400 gal. poly tank into VacTruk

* Need to sample Poly Tank
AAA
Load poly tank into ✓supply truck

[redacted] AAA begin scarify in MS

- Scarify concrete w/ jackhammer
- Wetting work area w/ H2O

17:00 AAA begin demo concrete in TS

- Ram-hoe attached to Bobcat
- Punching through concrete @ saw cuts, central area of cuts, around column pads

17:[redacted]0 BBL → AAA:

* AAA must saw cut around All column pads

17:30 AAA begin saw cut around TS columns

[redacted] AAA break air line to jackhammer
- Jack was uprite, fell over + cut airline
- Turn off air compressor
- Replace air line

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BJECT	PROJ. NO.	BY	DATE 6/23	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

8:00 AAA break → CO = 220 ppm

8:30 AAA resume activities

- Scarify in MS
- Saw cut in TS
- Ram-hoe break concrete in TS

AAA knocking down TSITWSA berm wall(S)

- Punch thru wall
- Push into bermed area
- Slab + wall pulled off of col. pad (SW corner of TSITWSA)

9:00 AAA continue activities

AAA knock down (W) TSITWSA berm wall

- Punch thru wall
- Push into berm area
- Berm wall pulls corner of column pad off
- AAA to repair col. pad

19:30 AAA break → CO = 217 ppm

20:00 AAA resume work activities

- Scarify in MS
- Saw cut column pads
- Demo/remove concrete in TS

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SUBJECT	PROJ. NO.	BY	DATE 6/23	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

20:15 AAA punch hole thru floor in MS

- Unsound concrete; crater on top + bottom
- Approx. 4" round hole
- Located approx. midway bet. C29 + C43
  → Appears to be C43 location

20:30 AAA continue work activities

20:45 AAA stop work activities for day

21:00 AAA off site

Site Observations:

→ See 6/26 Field Notes

21:30 BBL off site

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JBJECT	PROJ. NO.	BY	DATE 6/23	SHEET

S. BY ________; DATE ________ CHECKED BY ________; DATE ________

6:00 AAA team moving debris from TS

Team 2 transfer liquid from 1400g → Vactruk ~100 gal

2 HEPA units

1:30 Scarify MS

5:00 Hammer TS conc.

5:15 Airline to jackh. broke

Jack fell over & pinched line

Shut off comp.

	MS	CO ~~H2S~~ ~~Out~~	TS	VOC
5:15	1.069	127 ~~.0__~~	2.64	1.4
5:45	1.038	220	.514	0.9
6:45	.118	17	.323	
7:00	.979	217	1.501	
7:30	1.847	66	1.617	
8:15	.497	14	.480	

6:00 ~~7:30~~ Break

6:30 Resume

5:30 Sawcut around col. pads

6:30 Hammer @ TSHWSA berm wall

7:00 Cont. acts.

7:30 Break

0 Resume

8:15 Hole in MS

8:45 AAA off site 9:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/26	SHEET

CHECKED BY _____; DATE _____

Monday
Sunny
85° F - Humid

4:30 BBL on site

Ken P. (AAA) on site

4:40 BBL talk w/ Barb Z. & Jack H. (NMPC)

- (4) R/Os for TSCA debris
- Load @ ~ 15 ton concrete / R/O
- CWM will pick up in AM & drop off ~ 3PM

Talk to Dick O'Connor (NMPC Facilities)

- Show leaking pipe/valve @ Meter low bay
- NMPC will address tomorrow

15:00 BBL prep docs. & eqpt.

15:30 Site Observations;

- TSCA concrete removed from TS area between TD and TSHWSA → staged in TD
- Rest of TS concrete saw cut & punched
- (2) berm walls (N & W) of TSHWSA demo'd
- MS ~ 95% scarified

AAA eqpt:

Cat TH83 front end loader
Cat Bobcat #246
Air compressor
Road saw #1573
Demo saw
Jackhammer

Supply truck (w/ poly tank)
Vac Truck

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OBJECT	PROJ. NO.	BY	DATE 6/26	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

5:45 Safety Meeting

6:00 AAA demo concrete in TS w/ Ram-hoe

AAA clearing office slab for demo

6:30 AAA begin demo of TS Office slab

- Begin @ NE corner w/ Ram-hoe
- Punching holes in slab
- Spraying ram-head w/ H2O

6:45 AAA remove TSCA debris from TD (w/ Frontend ldr) and place in R/O 1 → ~~Full~~ ~ ½ full
- R/O lined w/ 2 layers poly

6:50 AAA break - stop concrete demo

7:10 AAA resume TS Office concrete demo

7:45 AAA break work activities

8:10 AAA resume work activities

- Ken P. loading debris into R/O 2
- Stan demo TS Office slab w/ ram-hoe
- Steve wetting work areas w/ H2O

10:30 AAA cont. work activities

11:00 AAA break work activities

- R/O 1 (CWM # 3039, 30 CY, ~ ½ full } 2x lined w/ poly
- R/O 2 (CWM # 3053, 30 CY, ~ ⅓ full } 2x lined w/ poly
- R/O 3 (CWM # 3025, 30 CY, ~ ⅓ full } 2x lined w/ poly
- TS Office slab → ~ ½ area broke w/ Ram-hoe

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OBJECT	PROJ. NO.	BY	DATE 6/26	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

7:40 AAA resume work tasks

- Stan demo TS Office slab w/ Ram-hoe
- Ken prep R/O 4
- Steve wetting concrete demo w/ H2O

9:15 AAA cont. work tasks

10:40 AAA break work activities

11:15 AAA resume work tasks

- Stan + Steve → Demo TS Office
- Punched ~ 2/3 of area
- Ken loading R/O 4 w/ TSCA debris

11:45 AAA stop punching TS Office slab

12:00 AAA begin 'popping' TS Off slab w/ Bobcat + forks

- Start on NE corner
- Slab contains welded wire fabric

12:30 AAA fill R/O 4 (#3013) ~ 1/2 full

13:00 AAA removing concrete around columns and TS Office slab → TD

13:30 TS Office slab removed + placed in TD

14:30 AAA off site

14:15 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/27	SHEET

A. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy
~80°F

5:00 BBL on site

AAA on site

BBL prep docs + eqpt.

AAA placing poly liners in R/Os (4)

5:30 Talk w/ Barb Z (NMPC)
- Coordinate R/O schedule

Talk w/ Ken P (AAA)
- Want to take Vac truck next week → Sample + Poly tank

5:45 Talk w/ Dick O'C. (NMPC)
- Mike Clark (NMPC) can sign "Hot Work Permit"

6:00 Safety Meeting

BBL begin ambient air monitoring outside enclosure for PCBs + Silica

AAA repair enclosure, replace HEPA filters

AAA equipment:
- Same as 6/26, Monday

CWM R/Os
- #934
- #2403
- #3056
- #2414

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SUBJECT	PROJ. NO.	BY	DATE 6/27	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:30 AAA sawcut TS Office slab along oil pipe line

AAA demo TS conc. slab w/ Ram-hoe
" " ~~TS~~HWSA berm walls

17:00 AAA pause work activities → CO = 97 ppm

17:40 AAA resume work tasks

- Sawcut around column pads
- Demo/remove TS Non-TSCA slab

18:00 AAA remove concrete @ SW corner of TSHWSA

" " " @ TS Office → into TD

18:30 Column pad @ NW Office slab irregular shape
- Expansion joint @ middle of column
- 6" slab appears to be poured up to column
- AAA to saw cut around column, hand remove

19:00 AAA removing ~~oil~~ pipe from below slab
- Removed slab on top
- Cut pipe @ S. end @ elbow w/ Sawz-all
- No liquid inside, dry VOC = 0.0
- Cut pipe @ 20' sections PID ⇒ LEL = 0
- Each section dry, no fluid
- Cut + remove pipe to low bay column line

19:30 AAA moving debris from TD into R/O & w/ FE loader

19:45 AAA removing small TSCA debris from TS

20:15 AAA break for dinner

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/27	

BY _____; DATE _____ CHECKED BY _____; DATE _____

20:45 AAA resume work activities

- Steve scarifying MS w/ hand scabbler + HEPA
- Stan moving TS concrete debris
- Ken moving debris from TD to R/O 2

21:30 AAA continue work tasks

BBL collect MS verification concrete samples
→ NM-MSFLR-VC1→3

21:50 AAA break work tasks

[redacted] AAA resume work activities

- Ken placing TSCA concrete debris from TD into R/O 3
- Stan staging non-TSCA debris in TS
- Steve scarifying MS floor w/ hand scarifyer

22:45 AAA ~~continue~~ break work tasks

23:00 AAA resume work tasks

23:30 AAA stop work activities

- Clean up + break down eqpt.

23:45 AAA off site

24:00 BBL off site

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BJECT	PROJ. NO.	BY	DATE 6/27	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

MinRam

0.427	5:00
	6:10
0.318	7:45
	9:15
	9:45
	10:45

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engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 6/28	SHEET

DES. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sun/Clouds
80°F

4:30 AAA on site

5:00 BBL on site

CWM on site:
- P/U + haul (4) R/Os TSCA debris
- Drop (4) R/Os " "

Silvarole Haulers
- Drop (3) Non Haz R/Os

BBL discuss R/O schedule w/ Barb Z. (NMPC)
- AAA requests 4/day
- BBL to collect samples for soil characterization

5:30 AAA eqpt: Vac Truck, Supply Truck, F/E loader, Bobcat, Air Compressor, Jack hammer, Demo Saw

AAA place poly in R/Os

16:00 Safety Meeting

AAA demo TS concrete slab
- Stan + Steve demo slab @ Generator
- Remove rubble @ sawcut

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Engineers & Scientists

SUBJECT	PROJ. NO.	BY	DATE 6/28	SHEET

CKS. BY _____; DATE _____ CHECKED BY _____; DATE _____

6:30 AAA scarify in MS
- Steve + hand held scabbler
- Spraying w/ H2O + WetVac WW
- Scabbler tough to handle

7:15 CWM + (4) R/Os off site
- TSCA debris → Model City

7:30 AAA cont. work tasks
- Steve scarify in MS
- Stan demo TS concrete
- Ken begin load R/Os w/ debris

7:45 AAA notice footers near Gen. Enclosure
- Approx. 4'×8' 'footers' appear @ subgrade
- Removed surrounding slab → footers remain
- Depth unknown

12:15 AAA break

12:45 AAA resume work tasks

19:30 AAA cont. activities
- Stan demo East wall of TS1tWSA
- Saw cut embedded rebar

20:00 AAA dinner break

21:00 AAA resume work tasks
- Ken filling R/Os
- Stan demo TS floor slab

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SUBJECT	PROJ. NO.	BY	DATE 6/28	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

12:15 AAA fill (3) R/Os - Non TSCA
- R/Os ~ 1/2 full of concrete debris

12:30 AAA demo concrete slab @ No. Low bay
- Steve remove conc. by popping w/ Bobcat forks
- Saw cut sections removing easily

3:00 AAA cont. work activities

3:30 AAA break + clean up

3:45 AAA off site

4:00 BBL off site

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Engineers & Scientists

SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/29	

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Sun/Clouds
80°F

16:00 BBL on site

AAA on site

15:15 Barb Z (NMPC): Only 2 R/Os today + tomorrow

15:30 BBL prep docs + Eqpt

15:40 Safety Meetmg

16:00 AAA begin activities

- Steve demo conc. near pipe trench + Garage w/ jackhammer + Ken
- Stan remove 'crete from Meter bay w/ Bobcat

R/Os on site today:

EWI (463-0400) - No ID#
Malones (279-9697) - No ID#

AAA Eqpt.
Yesterdays
+ Bartell EY20 scabbler

16:40 AAA break work acts.

16:55 AAA resume work tasks

17:00 BBL collect soil characterization samples in TS
- NM-TSOILEX-CS2 → 7

17:30 AAA continue work tasks
- Stan demo low bay area
- Steve + Ken demo pipe trench area

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JBJECT	PROJ. NO.	BY	DATE 6/29	SHEET

. BY _____; DATE _____ CHECKED BY _____; DATE _____

7:50 AAA break activities

8:10 AAA resume work tasks

8:30 AAA finish demo near pipe trench

- 6" slab demo'd up to joint at Garage
- Pipe trench still intact - not disturbed

8:45 AAA begin demo concrete in MS

- Area of unsound concrete
- Demo w/ jackhammer + pick
- Remove down to earth

9:45 AAA finish demo in MS

- 2" pipe @ N end
- Unsound concrete under W elec. bank

9:50 AAA scarify in MS

- Bartell EY20 walk behind scabbler w/outboard HEPA unit
- Ken wetting area w/ H2O

20:15 AAA break activities

20:30 AAA resume work

20:45 AAA dinner break

21:30 AAA resume work activities

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			6/29	

CHECKED BY _____; DATE _____

22:00 AAA break

22:20 AAA resume work tasks

- Steve scarify MS, HEPA unit, misting w/H2O
- Stan demo + place debris in TD w/ Bobcat
- Ken loading debris from TD into R/O

23:15 Ken load (2) R/O w/ non-TSCA debris
- Both R/O ~ ½ full

Stan + Steve cont. demo + rmv TS slab

23:45 AAA off site

12:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 6/29	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

		PID	
NM - TSOILEX - CS2		0.0	17:00
	3	0.2	10
	4	0.3	20
	5	0.0	30
	6	0.2	40
	7	0.2	50

:30 Finish area pipe trench

6:45 Begin demo in MS

7:45 End " " "

Begin Scar. " " Bartell EYZO

9:30 Stan rmv column 6" pad

9:45 Dinner

1:30 Resume

Ken load R/O, Stan demo low bay

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SUBJECT	PROJ. NO.	BY	DATE	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

6/30 Start

MS:

- Soft conc. excavated – To be rmvd
- Small area scarified
- Rmv garage area to full depth

TS:

- Void near stairwell
- Pipe trench/Garage area conc. rmvd.
- 24" 'drain' pipe remains
- Col. pad near TSHWSA → broken corner

R/Os:

MCJ → Cat B Rpts

Russ → No

Silvarole, Rick (716) 272-0741 → Hi. Acres
Hauler

Ken P. off next week

Friday
Sunny
~75°

3:00 AAA on site

R/Os:

- (4) Haz → Model City Empty
- (2) Non-Haz → Hi Acres Empty
- (2) " " → " ½ Full

3:20 AAA load concrete debris (Non-TSCA) into R/Os
- (2) R/Os (~½ full) Non-Haz concrete
- Conc. debris staged in TD (~6 R/Os)

14:00 AAA cont. demo concrete in TS

14:30 BBL on site

Observations:

- TS concrete demo'd, removed, staged in TD
- Void under slab at wall near stairwell
- Column pad near SW corner TS/HWSA broken @ rebar
- MS area scarified
- Garage area to be removed to full depth

15:20 BBL talk w/ waste hauler

- Rick Silvarole (716) 272-0741
- Haul waste to Hi Acres
- P/U (4) R/Os, Drop (4) R/Os → Mon. 7/3

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SUBJECT	PROJ. NO.	BY	DATE 6/30	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

5:30 AAA off site

6:00 BBL prep sample eqpt. + supplies

6:30 BBL collect soil characterization samples
- Collect (2) samples from TS Meter bay

7:00 BBL pack samples + paperwork

7:30 BBL pack eqpt. + supplies

8:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 7/5	SHEET

S. BY _____ DATE _____ CHECKED BY _____ DATE _____

Wednesday
Sunny
80° F

14:45 BBL on site

15:00 Talk w/ Barb Z (NMPC):

- NM has exist. profile for WW
- NM will get wipes (6) (to sample VacTruk) from Adirondack
- Silvarole Haulers picked up (4) Non-Haz R/Os
  " " left (2) " " "

15:20 BBL prep docs + eqpt.

Site Observations:

- MS: Garage slab to be rmvd to full depth
- Exposed conduit @ slabtop

TS:

- Slab to be rmvd. near stairwell
- 6" thick column pad top removed
- ~~TS MS~~ Conc. debris staged in TD
- Need repairs to enclosure
- Pipe trench remains

AAA Eqpt: Bobcat (P1659) Supply Truck
F/E loader (P1614) TH83
VacTruk

(2) R/Os - Empty - Non Haz
(4) " - Empty - Haz

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HARD, BOUCK & LEE, INC.
Engineers & Scientists

SUBJECT	PROJ. NO.	BY	DATE 7/5	SHEET

CHKD. BY _____; DATE _____ CHECKED BY _____; DATE _____

6:00 AAA on site

- Keith Balbuena (replace Ken P.) as Foreman

Safety Meeting

NMPC: Carl Vaeglia on site (replace Mike Clark)

16:15 BBL walk site w/ AAA (Keith) + discuss work tasks

- Repair enclosure
- Rmv conc. debris
- C43 area in MS → Exposed conduit
- Rmv. garage slab to full depth (~6")

16:30 NMPC (Karl V.) repairing TD O/H door

- Door does not open

AAA placing poly in R/Os

17:00 AAA removing non-TSCA concrete debris from TD and placing in R/O

17:25 AAA observe broken pipe @ N. end of TD/TS near MS/TS wall (Elec. bank)

- 12" ø, clay pipe
- Broken at connection of hor. + vert.
- H2O @ ~4' bgs

18:00 AAA continue work activities

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SUBJECT	PROJ. NO.	BY	DATE 7/5	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

3:10 AAA transfer conc. debris → R/Os

- (2) R/Os ~ ½ full

8:45 BBL observe pipe near TS Office + TD O/H door

- Mostly submerged, cannot clearly ID
- Appears to be 12" ø, clay pipe (hor.)

9:20 AAA break for dinner

20:30 AAA resume work tasks

21:30 AAA cont. work

22:30 AAA done for shift

AAA clean work area

23:00 AAA off site

BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 7/6	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Cloudy
75° F

10:30 Site Meeting → Review project status

NYSDEC, NMPC, BBL in attendance

12:00 Mike Pickering on site (AAA)

- Discuss project issues w/TBM (BBL)

5:00 Pickering off site

5:00 AAA crew on site

6:00 Safety Meeting

6:30 AAA implement work tasks

- Constructing enclosure frame in MS
- Placing non TSCA conc. debris in R/O

AAA Eqpt: Bobcat
F/E loader TH83
Vac Truck
Supply Truck

R/Os on site:

- (4) Haz - Model City — Empty
- (1) Non haz - Hi Acres — Empty
- (1) " " — ½ full (from 7/5)

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SUBJECT	PROJ. NO.	BY	DATE 7/6	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

7:30 AAA cont. work tasks

- R/O ½ full of non-TSCA conc. debris

8:00 BBL collect MS concrete floor samples

- NM-MSFLR-VC4 + VC5

9:00 AAA cont. remove soil from Meter low bay area

11:45 AAA dinner break

12:45 AAA resume work tasks

1:30 AAA remove 12" ∅ clay pipe from TS/TD area

- Pipe is dry, no liquids, no stains
- Pipe runs E/W along N. end of TD
- Elbows @ NE corner of TD and parallels TD to ext. of building

Notify NMPC of above ↑ pipe - OK to remove

2:30 AAA clean up

- Conc. debris in TD
- Soil staged in Hibay near TD

3:00 AAA off site

BBL off site

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JBJECT	PROJ. NO.	BY	DATE	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

12" soil rmvd @ N. end + pipe trench 7/6/00

Rmv. 12" clay pipe

Enclosure.

BBL collect samples

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/7	

BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sun/Clouds
75° F

13:00 AAA on site

AAA transfer conc. debris from TD to R/Os

(3) Empty R/Os on site
(1) ½ full R/O from 7/6
AAA eqpt: Bobcat
F/E Loader
Supply Truck
Vac Truck

14:00 AAA hand excavate soil from concrete rmvl. area in MS

14:30 AAA cont. removing conc. debris + place in R/O

15:00 BBL on site

Barb E (NMPC)

- Silvarole may bring 1 R/O tonite + P/U 1 R/O from last nite
- WW P/U for Monday 7/10 AM
- 4 R/Os sched. for Monday

16:00 BBL talk w/ AAA (Mike Pickering)

- AAA to scarify addl. MS area at exist. unit cost
- No charge for addl. enclosure (4 Manhours)
- BBL to fax AAA addl. areas

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JBJECT	PROJ. NO.	BY	DATE 7/7	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

6:30 AAA ½ fill (3) R/Os w/ concrete debris

AAA placing stock piled soil (TS) into TJ

7:00 AAA excavating soil from Meter lowbay and stock pile in A1 bay (TS)

BBL ~~pe~~ prep for sampling

AAA cleanup eqpt + site

7:45 AAA off site

BBL collect MS conc. ver. sample

9:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 7/10	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sunny
80° F

7:45 BBL on site

Speak w/ Barb Z. (NMPC) re:

- R/O from Fri (7/7) nite
- Schedule of work tasks
- VacTruck WW offloaded today

8:00 BBL prep docs + eqpt.

9:00 Site Observations:

- Addl. MS enclosure constructed
- (3) 2-inch pipes exposed in MS conc. rmvl. area
- Pipe trench remains
- 12" soil removed @ N. end of TS
- Soil staged in ~½ TD
- (2) Footers remain

R/Os:

(1) ½ full (from 7/7) = EWI, Inc.
(4) Empty – CWM Model City
(5) Empty (Today, 7/10) = (4) HazMat + (1) Wst. Mng.

AAA eqpt: Vac Truck
Supply truck

Cat F/E loader - TH83

Cat 'Bobcat' - Z46

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/10	

BY _____; DATE _____ CHECKED BY _____; DATE _____

6:00 AAA on site

Safety Meeting

6:30 AAA excating soil in TS - Generator area

AAA loading "Hazmat" R/O w/ soil from TD

AAA placing poly in R/Os

BBL receive Soil Sample Results

- Some samples w/ PCB detects
- All soil will be disposed of as TSCA-waste

7:15 BBL talk w/ HazMat, Inc.

- Colleen (Compliance): OK to haul TSCA soil → Model C.

7:30 BBL talk w/ Barb Z.

- OK to load (4) HazMat + (4) Model City R/Os

18:30 AAA fill (2) R/Os - HazMat

19:00 AAA cont. work tasks

19:30 AAA fill (2) R/O - CWM Model City

AAA dinner break

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JBJECT	PROJ. NO.	BY	DATE 7/10	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

20:30 AAA resume work activities

- Stan removing soil from TS Hi bay area → TD
- Ken loading R/Os w/ soil from TD

21:30 AAA cont. work tasks

22:30 AAA transfer soil between R/Os & for even distribution

23:30 AAA clean up

[illegible]:00 AAA off site

24:00 BBL off site

AAA (1/3 - 1/2) fill (8) R/Os =

(4) HazMat R/Os

(4) CWM Model City R/Os

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JB.'ECT	PROJ. NO.	BY	DATE	SHEET
			7/11	

BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sunny
80° F

4:30 AAA on site

5:00 BBL on site

AAA removing ~~@~~ solids from VacTruck

- Remove solids and place in F/E loader
- DECon pad set near OTF
- Place solids in R/O w/ TSCA soil

6:00 Safety Meeting

AAA Eqpt: VacTruck, Supply Truck, F/E Loader, Bobcat, Air Compressor, Jackhammer, Scabbler

R/Os: (4) ½ full (from 7/10)
(4) Empty

16:15 AAA demo footers in TS

- Jackhammer top 6"

AAA excavate & remove soil from TS

- Ken loading R/Os
- Stan excavating soil in TS → TD

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SUBJECT	PROJ. NO.	BY	DATE 7/11	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

7:00 AAA break work activities

7:20 AAA resume work tasks

- Ken loading 2ND R/O
- Steve demo footers
- Stan exc. soil

3:00 AAA break work

8:30 AAA resume work tasks

9:10 AAA break

19:30 AAA resume work activities
- Ken loading R/Os
- Steve demo footers

20:10 AAA break for dinner

21:10 AAA resume work tasks

21:30 AAA begin scarify in MS
- (2) HEPA units in sub enclosure
- Wetting scarified area w/ H2O

22:50 AAA break scarify

AAA resume scarify

22:30 AAA break scarify

23:00 AAA off site

23:30 BBL off site

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JBJECT	PROJ. NO.	BY	DATE 7/12	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sunny
80°F

5:00 AAA on site
BBL on site

5:30 NMPC + AAA discuss R/O schedule

6:00 Safety Meeting

AAA eqpt: VacTruck * Excavator
Supply truck
F/E loader
Bob Cat

R/Os: (4) Empty (HazMat)
(4) Full (from 7/11)

R/O Estimate: (4) TSCA soil → TS + ramp
(2) TD walls
(5) TD slab
(4) TD subgrade

16:30 AAA demo footers w/ ram-hoe

AAA lining R/Os w/ poly x2 layers

BBL collect TS verification soil samples

17:00 AAA demo TD slab w/ Ram-hoe

AAA demo pipe trench w/ demo saw

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SUBJECT	PROJ. NO.	BY	DATE 7/12	SHEET

[redacted]S. BY _____; DATE _____ CHECKED BY _____; DATE _____

7:30 AAA break

[redacted]8:00 AAA resume work activities
- Steve demo pipe trench, sawcut TD wall
- Stan demo TD slab
- Ken loading R/Os w/ soil

[redacted]8:40 AAA break

[redacted]9:00 AAA resume work tasks
- Remove 12" clay pipe along E. side of TD

[redacted]9:45 AAA break for dinner

[redacted]5 AAA resume work activities

- TD wall @ N. end >10" thick (see sketch)
- Column pad @ N.E. of TD broken

21:15 AAA remove footers @ Generator area
- While removing debris from top, footers easily came loose & were removed

21:30 AAA notice meter box hanging @ TS NE corner
- Notify Chris (NMPC), will repair tomorrow

22:00 AAA break

22:30 AAA resume work tasks

23:00 AAA break / clean up

[redacted]5 AAA off site

23:30 BBL off site

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JBJECT	PROJ. NO.	BY	DATE 7/13	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Sunny
80° F

5:00 BBL on site

Talk w/ Jack H. (NMPC):
- (4) R/Os for Monday, will order 4x/day for Tues. + Wed.
- OK for AAA to set up DECon pad near OTF

5:30 AAA on site

AAA eqpt: BobCat, Excavator (Cat 311B), F/E loader, Vac Truck, Demo saw, Hotsy pressure washer, Air compressor, Walk behind tamper, " " Scabbler

R/Os: (4) Empty (Haz Mat)

Site Observations
- Addl. MS area to be scarified
- Sawcut + remove MS Garage area
- Remove MS cut out
- TD walls + slab to be removed
- Pipe trench " " "
- Broken meter box removed @ NE corner TS
- Col. pad @ NE TD broken
- Elevation differential @ Generator slab

Talk w/ Ken P. (AAA)
- AAA to finish removal work by Tues.
- Need 12 R/Os after today → 6/6 Mon/Tues

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UBJECT	PROJ. NO.	BY	DATE 7/13	SHEET

S. BY _____; DATE _____ CHECKED BY _____; DATE _____

6:15 Safety Meeting

AAA set up & prep eqpt.

7:00 AAA demo & remove pipe trench
- Support pipes to remain w/chain to I-beam above
- Remove walls, walls extend down below 12" under pipes
- Earth bottom
- Remove small section conc. near col. pad
- Cut & remove (2) lower pipes @ stairwall → Dry

8:00 AAA begin scarify in MS
- Wetting blade w/ H2O
- Collecting cut water w/ VacTruck
- No visible dust

AAA demo TD walls w/ Ramhoe & Excavator

18:30 AAA break MS scarify

18:50 AAA resume MS scarify

19:00 Ken hand excavate pipe trench

19:30 AAA break for dinner

20:30 AAA resume work tasks
- Steve scarify in MS
- Stan demo TD walls
- Ken load debris into R/O

21:00 AAA break MS scarify

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/13	

BY _____; DATE _____ CHECKED BY _____; DATE _____

11:30 AAA demo TD floor slab
- Start at No. end
- Demo concrete @ punch holes
- West RR track removed (~30 LF)
- Slab is ~6" thick
- Remove RR ties + 12" subgrade
- Creosote odor
- PID = 0.1 VOC

12:30 AAA continue work tasks

13:00 Hole in West side of TD, 13' So. of No. end
- H2O flowing into TD area
- Hole is ~6" Ø, 5' below top of wall
- AAA plug w/ rags and backfill

13:30 AAA break work, clean up

14:00 AAA off site

BBL off site

DDL
DUANE, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/14	

BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sunny
80° F

7:30 AAA on site

BBL on site

Jack H. (NMPC) out today

Site Observations:

- Add MS scorify ~ 75%
- MS cutout to be done
- Garage excavate " " "
- TD walls removed
- TD slab ~ 35% removed
- H2O on bottom of TD exc.
- No column pad @ Mid TD
- Small (~12") stain on water
- Pipe trench removed, 2 pipes supported

R/Os – (4) Full (from 7/13)
To be picked up Mon 7/17

AAA eqpt:

Vactruck	Bob Cat
F/E Loader - TH83	Scabbler
Air Compressor	Wet Vac
Excavator - Cat 311B	Demo Saw

16:00 Safety Meeting

DDL
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SUBJECT	PROJ. NO.	BY	DATE 7/14	SHEET

BY _____; DATE _____ CHECKED BY _____; DATE _____

6:15 AAA scarify addl. MS area

AAA demo TD slab
- Excavator + bucket trying to pull up RR tracks + concrete
- RR tracks will not come up
- Suggest using Ram-hoe to demo concrete

6:45 AAA break scarify MS

AAA change Excavator bucket w/ Ram hoe

7:00 AAA demo TD slab w/ Ram-hoe

Ken grading TS to 18" below FFE

7:15 AAA resume MS scarify

7:30 AAA demo TD slab w/ Exc. + bucket

7:45 AAA break MS scarify

8:15 AAA resume MS scarify

8:30 Wind gust blows O/H door Air Lock over

8:45 AAA repair OH door to lower
→ Notify NMPC (Chris + Mike Clark)

9:40 O/H door down

10:10 AAA off site

10:30 BBL off site

BLASLAND BOUCK & LEE INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 7/17	SHEET

CALCS. BY _____ DATE _____ CHECKED BY _____ DATE _____

Monday
Sun/Clouds
80°F

1530 BBL on site
AAA on site
NMPC on site → Bob Connery (876-5346)

Site Observations:

Addl MS scarification → 95%
Remove garage slab → 33% (2" deep)
2ND Scarify MS → 0%
MS floor cutout → 0%
H2O in TD (Storm)
TD Walls rebar remove → 0%
TD slab + RR rails → 50%
Pipe Trench → 90%
12" of TS subgrade → 90%
O/H door Airlock ↔ Down
↳ To be reconstructed
No. Lowbay → Dry
Storm H2O @ SE O/H door
Appears storm drain was removed during excavation

AAA reconstructing O/H door Airlock

AAA Equipment: Vac Truck, Supply truck, Air Compressor, Scabbler/WetVac, F/E loader, Excavator, Bob Cat, 1500 gal Poly tank

R/Os: (4) 20 CY Haz Mat – Empty
(2) 30 CY " – "
(6) – Total

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 7/17	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:00 Ken P. only AAA personnel → No crew

Ken constructing 0/4 door Airlock
↳ Does not know about crew

16:30 Call AAA + leave message for Mike Pickering

17:00 BBL talk w/ M. Pickering (AAA)
→ AAA crew member will be here in 2 Hrs.
- 1 Man sick / 1 man late
- AAA needs to finish this WEEK

16:00 BBL + NMPC (Bob Connery) observe storm pipe
- 4" ø iron pipe located @ SE corner TS
- Appears to ~~be~~ be broken, not cut
- Appears to flow in TS from both ends
* - Need to repair: NMPC or AAA
↳ Bob will pass on → J. McNamee (NMPC)
- Bob will check dwgs. for more info

18:30 AAA begin removing H2O from TD into Vactruck

18:40 Steve (AAA) on site
- Prep eqpt to scarify MS

19:00 Ken removing H2O from TD → VacTruck

19:30 Steve begin scarify MS

19:45 Ken off load H2O (Vactruck → Poly tank)

20:00 AAA break for dinner

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SUBJECT	PROJ. NO.	BY	DATE 7/17	SHEET

CALCS. BY _____ DATE _____ CHECKED BY _____ DATE _____

20:30 AAA resume work tasks

* Bob Connery: AAA to replace 4" storm pipe
↳ Spoke w/ Jim McNamee

Ken demo TD slab w/ Ram hoe
- Demo concrete near RR rails @ O/H door
- Cont. demo remaining TD slab (Steve)

21:30 AAA cont. demo TD slab

22:00 AAA finish TD demo, begin to remove concrete debris w/ F/E loader + forks
Placing concrete debris in R/O

22:30 AAA removing TD concrete debris, placing in R/O
- Remove center section first
- Rmv West section
- Rmv East section

23:30 AAA cont. remove conc. debris & place in R/O

(2) R/Os (30CY + 20CY) for off site disposal

24:00 AAA off site
BBL " "
NMPC " "

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 7/13	SHEET

CALCS. BY ____________ : DATE ____________ CHECKED BY ____________ : DATE ____________

Tuesday
Sun/Clouds/Rain
75° F

14:30 BBL on site

Walk site to observe storm flow patterns

May be storm flow coming from off site (Broadway)

Parking lot slopes to East + South → Appears to flow into Haz. Area

Trench drain in TD access driveway → Connected via 2" ϕ pipe to Catch Basin in Haz. Area

& ✱ Prevent storm water from entering Haz. Area

15:30 AAA on site

AAA work tasks:

- Rescarify MS
- Remove garage slab → full depth
- Remove 2 sf MS floor
- Remove storm water from TD
- Rmv remaining TD walls + rebar
- Rmv RR rails + ties
- Rmv TD subgrade
- Rmv pipe trench walls + concrete
- Rmv 12" soil from TS Office area
- Replace 4" ϕ storm pipe (~14' length)

16:00 Safety Meeting

BARGING BOUCHARD & LEE INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 7/18	SHEET

CS. BY _____ DATE _____ CHECKED BY _____ DATE _____

16:30 AAA (Stan) demo TD bulkhead wall

AAA (Steve) scarify MS (Addl. area)

AAA Equipment:

VacTruck	F/E Loader
Supply Truck	Excavator
1900 gal Poly tank	Bob Cat
Air compressor	Cutting torch
Jack hammer	Scabbler

R/Os:

(4) Haz Mat (Empty) from (7/17) yesterday
(6) " " " dropped today
(10) - Total R/Os

Additional soil removal:

17' x 27' x 1' = 459 f^3 = 17 CY = 25.5 ton

17:00 Steve collecting cutting H2O w/ Wet Vac

Ken cutting RR rails @ JH door w/ torch

17:45 AAA break work tasks

RR rails cut into ~ 30' sections

18:15 AAA resume work tasks
- Ken removing 12" soil from TS office area

30 BBL collect concrete verification samples in MS
NM - MSFLR - VC 7+8
Collect from additional scarify area

19:00 AAA break work tasks

19:30 AAA RESUME WORK ACTIVITIES
- Steve rescarify MS
- Stan off site to obtain 4" storm drain pipe
- Ken cutting RR rails to fit R/Os

20:00 Steve break scarify @ MS

20:15 Stan begin remove TD wall debris
- Mix debris w/ standing H2O creating slop

20:30 AAA remove H2O in TD w/ VacTruck

21:15 AAA dinner break

22:00 AAA RESUME work tasks
- Stan remove debris from south end of TD
- Need to remove H2O
- Stan place debris back in TD
- Vactruck @ TD removing H2O
- Steve scarify MS
- Ken move soil from TS Office → TD

22:45 Steve finish rescarify in MS
Offload Vactruck H2O into 1,100 gal. poly tank
Ken loading R/Os w/ TD debris

23:30 Ken repair 4" ϕ storm drain

:00 AAA off site
BBL " "
NMPC " "

BBL
ERASLAND, BOUCK & LEE, P.C.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 7/19	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sun/Clouds
70 °F

14:30 BBL on site

Talk w/ Jack Holleran (NMPC)
- Stormwater in TD tested positive for PCBs
- Will call for fluid pickup + offsite disposal

15:00 Work Tasks to be performed/Site Observations

- Clean MS area ✓
- MS cutout area ✓
- Garage slab removal ✓
- Rehang wires over TD area ✓
- Remove H2O @ TD ✓
- Filters on HEPA unit ✓
- Repair 4" ϕ storm drain
- Rmv TD walls rebar ✓
- Rmv pipe trench walls
- Stabilize TD soil ✓

AAA on site

AAA equipment: Vac Truck, Supply truck, Poly tank, Air compressor, Scabbler, F/E loader, Excavator, Bobcat, Demo saw

R/Os: (1) 20 CY - Full (from 7/18)
(1) 30 CY - " " "
5(4) 20 CY - Empty
3(2) 30 CY - Empty

BABLAINE BOUCHARD & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 7/19	SHEET

CALCS. BY _____ DATE _____ CHECKED BY _____ DATE _____

15:00 Safety Meeting

BBL discuss work tasks w/ AAA

16:30 Stan working on 4" drain pipe
Steve cleaning up MS area
Ken bring VacTruck to TD to remove H2O

17:00 Perform flow test of West 4" drain pipe
Both East + West 4" pipes flow into TS

AAA probing + excavating area to locate outlet
Excavate 12"-24" → find nothing, no apparent outlet

VacTruck removing H2O from TD area

18:00 Continue removing H2O from TD
Steve finish cleaning MS area
↳ Some areas moist from cutting H2O

16:30 AAA finish removing H2O from TD

AAA begin removing Garage slab adjacent to MS

19:00 Trial batch of wet soil + lime
- Chem-Cal Hydrated Lime
  50 lb. bag 1.75 CY bucket
- Mix ½ bag w/ bucket of wet soil
- No apparent reaction
- Lime sitting on top of H2O - no absorbtion

19:30 AAA cont. concrete removal in ~~MS~~ Garage area

BBL
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SUBJECT	PROJ. NO.	BY	DATE 7/19	SHEET

CALCS. BY _____ : DATE _____ CHECKED BY _____ : DATE _____

21:00 AAA break for dinner

21:00 AAA resume work tasks
- Transfer soil from TS into TD
- Transfer soil from No. to So. end of TD

21:30 Steve remove 2 sf area concrete in MS
- Sawcut perimeter and cross sections
- Remove debris by hand

22:00 Ken transfer soil from TA to R/Os
- Soil moist but not wet, No free liquid
- Fill (2) R/Os

23:00 AAA break work activities

23:30 AAA off site
BBL " "
NMPC " "

SUBJECT	PROJ. NO.	BY	DATE 7/20	SHEET

CALCS. BY _____ : DATE _____ CHECKED BY _____ : DATE _____

Thursday
Sunny
75° F

15:00 BBL on site

Site Observations:
- Enclosure to be repaired → Weld gaps + openings
- MS area scarified
- Garage slab removed
- MS concrete floor 2 sf area removed
- TD walls removed
- H2O in TD → No. end
- Pipe trench walls to be removed
- Stabilized soil @ So. end TD
- West 4" storm drain capped, East 4" drain open

15:30 AAA on site

R/Os: (3) 30 CY - Full
(1) 20 CY - Full
(1) 30 CY - Empty
(5) 20 CY - Empty

AAA eqpt: VacTruk, Supply truk, Air Compressor, Poly tank, F/E loader, Excavator, Bob Cat, Demo saw, Scabbler

16:00 Safety Meeting

16:15 AAA add (6) 50 lb. bags Hydrated Lime to soil in TD area to stabilize

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SUBJECT	PROJ. NO.	BY	DATE 7/30	SHEET

CALCS. BY _____ DATE _____ CHECKED BY _____ DATE _____

16:30 AAA begin remove pipe trench walls
Ken clean up outside TD + R/O area

17:00 Ken begin moving soil from TD → R/Os

17:30 BBL collect soil verification samples + concrete
- NM-TSOIL NM-MSFLR

18:00 Ken continue fill R/Os w/ TD soil
Steve + Stan finish remove pipe trench walls

18:30 Ken fill (2) R/Os w/ TD soil

19:00 AAA installing collection sump @ SE corner TS
- Excavated area 2'-3' deep
- Place sump pump in 55 gal. drum in excavation

20:00 Ken cont. fill R/O w/ TD soil

20:30 AAA dinner break

21:30 AAA resume work tasks
- Ken repairing enclosure
- Stan grading No. Loadbay of TS
- Steve removing soil @ East TD wall

22:30 Ken placing TD soil in R/O

23:00 Steve cutting TD wall rebar
Stan, Ken cleanup

:00 AAA off site
BBL " "
NMPC " "

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/21	

CALCS. BY _____ DATE _____ CHECKED BY _____ DATE _____

Friday
Sun / Clouds
75°F

10:00 AAA on site

AAA eqpt: Vac Truck
Supply truck
1 Air compressor
Poly tank
F/E loader
Excavator
Bob Cat
Scabbler
1 Hotsy pressure wa

R/Os: (4) 30 CY - Full
(4) 20 CY - Full
(2) 20 CY - Empty

10:30 AAA set up decon pad between OTF + conc. pad

AAA Decon Excavator w/ Hotsy pressure washer
- Collecting debris on poly
- Vac truck remove washwater
- Solids + poly into R/O

11:45 AAA remove Decon pad + material
- Place pad + material into R/O

12:00 BBL on site

BBL observe excavator for Decon
- Some material on track hub
- AAA to remove remaining material

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SUBJECT	PROJ. NO.	BY	DATE 7/21	SHEET

CALCS. BY _____ ; DATE _____ CHECKED BY _____ ; DATE _____

12:30 AAA set up Decon pad
- Place poly on ground near CTF + conc. pad

AAA remove remaining material from excavator
- Use shovel to scrape material from tracks
- Clean remaining area w/ H2O
- Place decon materials in R/O + Vactruck

13:00 BBL talk w/ AAA re: setting up sand bags for stormwater dam + diversion

BBL discuss stormwater diversion system w/ Jack H. (NMPC)
- Diversion dam @ fence to parking lot
- Dam + poly @ TD O/H door

13:30 AAA off site

14:30 BBL contact Bob C. (NMPC Facilities)
- Review dam plan
- Can NMPC obtain sand bags? → Yes
- NMPC to obtain and place sand bags around TD area

16:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/21	

CALCS. BY _____ DATE _____ CHECKED BY _____ DATE _____

10⁻ AAA on site
DeCon Excavator
Load Eqpt.

12⁻ BBL on site
AAA rockon Excavator

1³⁰ AAA off site
BBL rvw storm plan w/ Jack

2³⁰ BBL contact Bob (Facilities)
" rvw storm plan w/ Bob

3¹⁵ NMPC will obtain and place sand bags

BBL
BLASLAND, BOUCK & LEE, INC.
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SUBJECT	PROJ. NO.	BY	DATE 7/25	SHEET

LCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sunny
80° F

10:00 BBL on site

AAA on site

10:30 Speak w/ Ron S. (NMPC) re: Hot Work Permit (HWP)
- AAA plans cutting rebar w/ torch
- NMPC issues H.W.P. to AAA for 7/25

Talk w/ Jim McNamee (NMPC)
- Schedule facility personnel for tonite

Troy Sand & Gravel drop sand → incorrect material
- Need Type "F" / Crusher run

AAA Eqpt: Vac Truck (empty) (2) Poly tanks - Empty
(2) Supply truck F/E loader
Pressure washer Cutting torch
Excavator (Decon'd) BobCat

R/Os: (2) 20 CY HazMat - Empty

Hauler on site early today to offload fluids from AAA Vac Truck + poly tanks

HazMat pick up (4) R/Os yesterday, 7/24
" " " " " today 7/25

Safety Meeting

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SUBJECT	PROJ. NO.	BY	DATE 7/25	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:45 Site Observations:

- MS area 1 to be rescarified
- HZO in TD
- Concrete @ Condensate to be rmvd
- Temp. sump system @ SE corner of TS
- No apparent rain over weekend
- Clean up TD wall removal areas
- Approx. 24" soil rmvd from sector C13

11:00 AAA begin removing HZO from TD
- Rmv HZO from So. End first
Steve begin cutting rebar @ TD wall w/cutting torch

30 Troy Sand & Gravel drop load of crusher run stone

12:30 AAA continue removing HZO from TD

13:00 Troy Sand drop load of crusher run stone

12:30 AAA cont. remove HZO from TD
13:45 AAA finish " " " "
14:00 AAA place geotex fabric @ So. End of TD
- Place ~25' length of fabric N/S direction
- " (2) 12' wide fabric w/overlap
Steve finish cutting TD wall rebar
14:30 AAA place ~6" stone on top of fabric @ So. T.D

15:00 AAA drive F/E loader on top of stone to remove soil from middle of TD
- Rmv soil + place in R/O

BBL verify 12" soil removal in TS
- Hang string from column pad to col. pad
- Take measurements along string → 18" to grade

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SUBJECT	PROJ. NO.	BY	DATE 7/25	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:00 Tom Lawton (NMPC Facilities) on site

AAA remove saturated soil from mid TD

16:30 AAA place ~6" stone at mid TD

Stone appears to have absorbed groundwater and is unstable to walk on

17:15 AAA stop TD activities

AAA fill (2) R/Os w/ TD soil

:00 AAA clean up work site
- Leave blowers on at night
- Stage eqpt + mat'ls

18:30 AAA off site

19:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			7/26	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Clouds/Rain
75° F

14:30 BBL on site

Talk w/ Jim McNamee (NMPC)
- NMPC facility person will be here tonite

Talk w/ Jack H.
- Survey Request Form has been submitted
- (2) R/Os ready to go off site (Haz. soil)

Site Observations:

- H2O in TD area → No. end, ~6" deep
- TD So. end: dry, stone over geotex
- (2) pipes @ pipe trench supported by chain
- Concrete removed near condensate system
- Temp sump @ TS SE corner
- Decon pad @ area between conc. pad + OTF

AAA Eqpt:
- Supply truck
- Vac truck
- Pressure washer
- Scabbler
- F/E loader
- Bobcat
- (2) poly tanks

R/Os:
- (2) 20 CY - Full - Haz Mat
- (1) 30 CY - Empty - Non-Haz

16:00 Safety Meeting

BBL
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SUBJECT	PROJ. NO.	BY	DATE 7/26	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:20 AAA begin DECon activities
- Decon pad outside TS, SE corner
- 2 layers poly over wood berms
- Clean eqpt. w/ pressure washer

AAA begin scarify in MS
- Steve run scabbler over No. area

16:50 AAA cease scarify in MS

17:00 AAA decon Bobcat

Steve capping pipes @ removal perimeter
- 2" pipe @ east stairwell
- (2) 2" pipes in pipe trench

17:30 AAA decon F/E loader

18:00 Steve cap pipes + wall
- 12" clay pipe @ O/H door
- 6" hole in WEST TD wall adjacent to South vault

18:30 BBL collect MS concrete sample

19:00 AAA DECon Vactruck
- Approx. 8" sludge on bottom
- Offload sludge to F/E loader bucket
- Stabilize sludge w/ Lime
- Offload into R/O

BBL
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SUBJECT	PROJ. NO.	BY	DATE 7/26	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

20:30 AAA decon VacTruck
- Pressure wash inside of tank on pad
- Collect WW at sump
- Pump WW into poly tank

21:00 AAA break down decon pad
- Place decon pad + mat's in R/O w/ F/E loader.

21:30 AAA clean debris on ground near Decon area

Steve clean concrete dust + debris in MS

:00 AAA load eqpt. and mat'ls on Supply truck

AAA clean up outside

23:00 AAA off site

BBL off site

AAA generate ~ 2,000 gal. waste water
↳ H2O from TD + DECon

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/14	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Cloudy/Rain
~70°F

10:00 BBL on site

AAA on site

AAA eqpt: 1500g. poly tank
1000g. " "
Excavator - P1608
Supply truck
Vac Truck
Roller Cat CS323C
Load All - TH83

R/Os: (1) Non Haz 30 CY Empty
(2) Haz Mat 20 CY
(1) NMPC 20 CY ½ full

Safety Meeting

Site Observations

MS scarified + clean
Vapor blanket over HZO in TD
" " shrunk ~6' from No. end / ~12" from sides
" " is dark brown/black
HZO covers entire TD area = So. → No. ends
2 Pipes @ trench supported by chains to I-beam
Soil dry in TS
HEPA units ON
Temp sump @ SE corner disassembled
Diversion dam @ HWA fence + TD O/H door
Enclosure up @ interior, Down @ exterior

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/14	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:00 AAA unload mat'ls:

(3) rolls Geotex fabric
H2O pump + hoses
Perf 55g. drum + hand tools
(3) rolls poly sheeting

Stan (AAA) work on Dewater pad
- Moving No. 2 stone + sand to make berm (~ 2' high)
- Grading pad area
- Pad area ~ 20' x 30'

:30 Baker Tank on site - Clean, dry inside

AAA place geotex fabric over dewater pad
" " clear poly over geotex fabric
" " heavy duty rubber/plastic sheeting over poly

12:00 Baker Tank staged @ west side OTF

12:20 Baker carrier off site

12:30 AAA weld seam of rubber sheeting
- Paint both sides w/ rubber contact cement
- Press sheets together + roll entire seam
- Weld seam up over berm

13:00 AAA break for lunch

:00 AAA resume work activities

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/14	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:15 AAA set up pump system in TD

- Wrap perf. drum w/ geotex fabric
- Place perf. drum @ No. end ~ deep
- H2O pump connect to flex pipe in perf. drum
- H2O pump → 3" hose → Baker tank
- Collection head in perf. drum wrapped w/ geotex.

14:45 Ken reassemble temp sump system

- Slight rain → flow only from West pipe
- Erosion channel under west pipe,
  ↳ No erosion ~~on~~ under east pipe
- System pumping H2O → outside

15:00 Talk w/ Barb E. (NMPC)

- Barb order (2) R/Os for Thur (8/17)
  " " (3) " " Fri (8/18)

15:30 AAA trial run TD pump system

- Pump is leaking @ Outflow joint
- Sucking H2O from TD
- H2O not flowing into Baker tank
- Pump not powerful enough?

15:45 AAA (Ken) off site to obtain new H2O pump

16:30 Temp sump system

- Raining: Flow from west pipe
  No flow from east pipe

:45 Ken back on site

- Obtained centrifical pump

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/18/04	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

17:00 AAA set up new pump

Trial run TD pump system
- H2O flow from TD → pump → Baker tank

17:45 Grover (AAA) return with equipment
- Hotsy pressure washer
- Bucket for Load All

18:00 AAA off site

BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/15	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy/Sun
~70° F

6:00 BBL on site

AAA on site

AAA eqpt: H2O pump system — 1,400 gal. poly tank
Baker tank — 1,000 g. poly
Excavator — Vac truck
Load All — Hotsy press. washer
5 Ton roller

R/Os: (1) 30 CY Empty Non Haz
(2) 20 CY Full Haz

Safety Meeting

Site Observations:

- Dewater/pump system set in TD
- Temp sump system set @ SE corner TS
- Dewater pad constructed between conc. pad + OTF
- Baker tank set @ west side OTF
* CB11 covered w/poly mat

06:20 AAA begin removing H2O from TD
- Pumping H2O into Baker tank

07:00 Troy Sand + Gravel drop 22 ton of No. 67 stone
- Stage near gate @ parking lot
- ~~well graded~~, washed, round, ~1" stone
- To be used for middle 6" lift
- Ken P. order 3" washed stone

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/15	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

07:30 AAA cont. remove H2O from TD

08:00 Troy Sand & Gravel drop 19.5 ton of L3 stone
- Washed, 2"-3" stone
- TSG will deliver 2/3 more loads

08:15 Talk w/ MCJ

08:30 AAA cont. remove H2O from TD
- (~6"-8") H2O removed
- Saturated soil visible in some areas
- Vapor blanket settling

AAA install 2ND sump pump in TD

AAA begin remove sat. soil from south end of TD
- Place poly on ground @ TD + Dewater pad
- Cover CB w/ poly
- Transfer less than full bucket

09:20 TSG drop another load of L3 (3") stone

09:30 Most surface H2O removed from TD

10:15 AAA place large stone @ So. end of TD
- Place ~12" lift over ~25 LF

11:00 AAA order more large stone

AAA bring excavator over stone @ So. end

" begin remove saturated soil from Mid TD

BBL
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SUBJECT	PROJ. NO.	BY	DATE 8/15	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:15 Remove saturated soil from Mid TD
- Grab sat. soil & w/ excavator
- Transfer soil from exc. to Load All
- Trans. soil over poly on ground
- Load All place soil on Dewater pad

11:30 TSG drop load of 8"-12" stone

11:50 AAA place 8"/12" stone @ Mid TD as base
- Push sat. soil towards No. end

AAA cont. remove sat. soil from TD

12:30 AAA excavate sump @ No. end of TD

13:00 AAA break for lunch

14:00 AAA resume work activities

14:15 Sump + pump placed @ No. end of TD
- Drum bottom placed ~18" bgs
- Large stone placed around drum + in excavation
- H2O surround drum + flowing into drum
- Pump blowing H2O into Baker tank

15:00 AAA continue pumping H2O from TD

AAA removing sat. soil from Mid TD

16:00 AAA place load large stone @ Mid TD
- Bring excavator on stone
- Continue remove sat. soil near No. end TD

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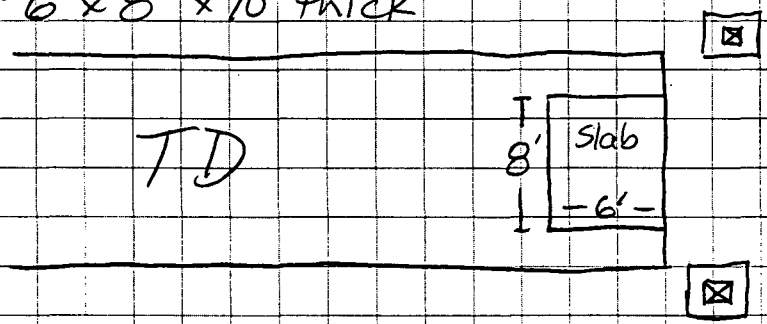
SUBJECT	PROJ. NO.	BY	DATE 8/15	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:30 AAA remove sat. soil from No. end TD

→ Concrete slab @ No. end
~18" below former TD floor elevation
~ 6'x 8' x 10" thick



00 AAA dewater No. end TD

17:30 AAA place large stone @ No. end
- Stone surrounds sump pump
- Sump to remain overnite

18:00 AAA begin clean up
- Remove poly from outside ground
- Clean up yard area
- Stage eqpt. + mat'ls.

19:30 AAA off site

BBL off site

Baker Tank → ~4' of H2O ~ 8,000 gals.

DeWater Pad → ~ 24' x 12' x 3'

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SUBJECT	PROJ. NO.	BY	DATE 8/16	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Cloudy / Rain
~70 °F

07:00 BBL on site

AAA eqpt:
- H2O pump system
- Baker tank
- Excavator
- Load All
- 5 Ton roller
- Vac truck
- 1,000 + 1,400 g. polys
- Pressure washer
- Transit + Rod

R/Os:
(1) 30 CY Non Haz Empty
(2) 20 CY Haz Full
↳ to be picked up Thur, 8/17

Site Observations:

- Rain overnite
- H2O in TD → (~2' bfs) @ No. end
- No H2O @ So. end TD
- Sump system @ No. End
- Temp sump sys: Flow from West, No flow from east
- Excavator in So. TD
- No cover over Dewater pad
- 8"/12" + 3" + 1" stone staged ~~@~~ drive to parking lot

08:00 AAA on site

BBL talk w/ B. Hopkins: Subgrade issues
→ 12" lift of 12" stone
Geotex fabric
Compacted 6" lift of 3" stone
Poly vapor barrier
Compacted 6" lift of 1" stone

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SUBJECT	PROJ. NO.	BY	DATE 8/16	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Safety Meeting

08:20 BBL talk w/ M. Jones (BBL)
- Rvw discussion w/ B. Hopkins
- TD → 4" slope over 70'
- Will adjust collection sump dims

08:40 BBL talk w/ M. Pickering
- Rvw design parameters of TD subgrade

09:00 Survey TD area w/ Stan (AAA)

10:00 Talk w/ M. Jones (BBL)
- Rvw TD design

10:30 BBL rvw. TD subgrade & final elevations w/ AAA

11:00 AAA markout control points @ TD

11:30 AAA begin grading 12" stone in TD

12:00 AAA break for lunch

12:30 BBL measure MHZ elevation
- CB12 6' steel pipe invert → rim = 34.3"

13:00 AAA resume work tasks
- Remove sump @ No. end TD
- Begin excavate @ ends of pad @ No. TD
  ↳ 3' wide x 6' long x 2' deep
- Medium coal tar vapor → PID ⇒ 1.6 ppm VOC

13:30 AAA fill ends of slab w/ large stone
- Large stone at approx. elev. of pad

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SUBJECT	PROJ. NO.	BY	DATE 8/16	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:30 AAA grade large stone

15:00 AAA place ~~poly~~ Geotex over large stone

- Place (1) 12' wide Geotex down center
- Place (1) 6' " " down each side
- Lap edges up to anchor

15:45 AAA place medium stone over Geotex
- Place stone from So. end TD

16:10 AAA begin grading Medium stone
- Set control point @ TD entrance
- Grade So. → No. end

16:20 AAA clean up & break down
- Cover Dewater pad

16:40 AAA off site

17:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 3/17	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Sun
75° F

07:00 BBL on site

Site Observations:
- No visible H2O in TD
- Large stone, Geotex, medium stone placed in TD
- Medium stone to be graded, compacted
- Poly sheeting, small stone to be installed
- Temp sump @ roof drain to be tested
- Saturated soil to be dewatered
- Dewatered soil to be placed in R/Os
- Medium, small, crusher run stone piles in yard

AAA eqpt: VacTruck, 5 Ton roller, Pressure washer, Baker Tank, 1,000 + 1,400 g. Poly tanks, Load All Excavator

R/Os: (1) 30 CY Non Haz Empty
(3) 20 CY Haz Empty

07:45 AAA on site

08:00 Safety Meeting

Haz Mat Haulers on site
- P/U (2) 20 CY → Model City
- Drop (2)

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SUBJECT	PROJ. NO.	BY	DATE 8/17	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:00 AAA grading medium stone @ 16" offs
- Excavator bucket used to spread + grade stone
- Work from So. → No. end
- Grade up to pad @ No. end

08:30 AAA compact medium stone
- 4 passes over entire TD area w/ 5 ton roller
- Start in middle → work to outside

09:00 AAA place poly over medium stone
- (1) sheet @ No. end + (1) sheet @ So. end
- Overlap ~ 3' + trim edges

09:30 AAA place crusher run gravel on top of poly
- Start at So. end

09:45 Talk w/ MCJ:
- Fed-X dye tablets to NMPC tomorrow
- Add many tablets to produce dark liquid
- Place liquid upstream, wait 20-30 minutes, be patient, wait downstream
- Plenty of light needed downstream

10:06 AAA preparing crusher run material
- Mix 1 part crusher run + 1 part washed 1" stone + 1 part masonry sand

Observation
- Stone plant crusher run placed @ So. end
- Field mix to be placed @ No. end

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SUBJECT	PROJ. NO.	BY	DATE 8/17	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:15 HazMat driver notices liquid dripping from R/Os
- (1) R/O drate = 1 drop/second, (1) R/O rate = 1 drop/15 sec.
- Notify Barb Z. (NMPC), Ken P. (AAA)
- Need to identify source of liquid → possible rainwater
- Contain drips in drip pans

11:00 AAA remove top layer + excavate soil @ back of R/O
- Small amount liquid @ bottom corners
- Pull back 2x poly liners → ~1/4" liquid on bottom
- Absorb liquid w/ diapers
- Seal joint w/ silicone caulk
- Place clean sand over entire joint
- Relocate soil, tighten hatch, + cover w/ tarp

45 No apparent drips from both R/Os

12:00 HazMat leave site w/ R/Os

AAA break for lunch

13:00 AAA resume work tasks
- Place crusher run & grade @ 10" bffe

13:30 AAA grade crusher run w/ excavator @ ~10' bffe

14:00 AAA compact small stone w/ 5 ton vibratory roller
- Beginning passes w/ roller
- Followed by passes w/ vibratory roller

15:00 AAA finish compacting upper 6" crusher run

AAA placing poly liners in R/Os - 2 layers

15:30 AAA excavate eastside of east TD wall → formwork

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SUBJECT	PROJ. NO.	BY	DATE 8/17	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:30 AAA begin placing soil in R/O from dewater pad
- Soil is moist, no apparent free liquid

16:00 BBL measure MH-2
- Outfall 12" clay pipe invert → rim = 38"
- Bottom of MH-2 → bottom of 6" pipe (CB12) = 12"

16:15 AAA fill R/O 1 w/soil → ~75% full

Stan off site to get poly (→ liner R/O2)

17:00 AAA begin place soil in R/O 2
- R/O 2 has 2 layers poly liner

Baker tank: ~5.5' of liquid (→ ~11,000 gal.)

AAA load (2) R/Os w/soil
- Each R/O ~1/2 full

17:30 AAA clean up work site

18:00 AAA off site

BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 8/18	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sun
70°F

07:00 BBL on site

Site Observations:

- TD subgrade placed + compacted
- No H2O in TD area
- MS area to be cleaned + prep'ed
- Pipe trench " " " "
- TD edges to be compacted
- TD walls to be sloped
- Dewater pad covered
- Diversion dam to be constructed

AAA eqpt. Vac Truck, 5 Ton Roller, Baker tank, Press. washer, Poly tanks, Load All, Excavator

R/Os: (1) 30 CY Non Haz Empty
(3) 20 CY Haz Full

08:00 ~~Safet~~ AAA on site

Safety Meeting

Haz Mat haulers on site

08:30 1) R/O is too heavy → Need to offload some soil

AAA transfer 4 buckets to other R/O

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SUBJECT	PROJ. NO.	BY	DATE 8/18	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:45 AAA begin compact TD edges

AAA clear + prep TD walls

10:30 NMPC notify BBL of odors @ upstairs office
- Some NMPC employees went home yesterday
- AAA will seal enclosure, keep air units running
- NMPC to notify BBL if odors persist

AAA begin place dewater soil in R/O
- Soil saturated, but no visible liquids
- R/O has 2x layers of poly liner

:00 AAA excavate + prep pipe trench area
AAA remove temp. sump system @ TS roof drain
11:30 AAA reconstruct diversion dam / DECon poly tanks

12:00 AAA break down Dewater pad
- Placing soil + pad material into R/O
- Dewater pad = Geotex fabric + poly + rubber sheet

13:00 AAA remove dewater pad berm walls
- Berm walls = crusher run stone
- Stage stone in pile near concrete pad

13:40 AAA place 3" stone behind sand bags @ water diversion dam

14:00 BBL perform dye test @ roof drain pipes
- Dissolve 10 dye tablets in 5 gal. H2O
- Observe MH-1: ~6" clear fluid at bottom MH
  No flow thru MH
  Small amount sediment on bottom

PID = 0.0 VOC H_2S = 0.0 O_2 = 19.8%

DDL
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SUBJECT	PROJ. NO.	BY	DATE 8/18	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:15 BBL perform dye test:

- Pour 5 gal. of bright green dye into East pipe
- Install H2O hose @ ~ 3 gpm
- Inspect MH-1 → Green dye observed
- H2O flow ~ 5 mins. → green dye continues
- Reconnect east + west pipe w/ fernco joint

14:30 AAA finish clean (2) poly tanks

AAA grading dewater pad area
- Removed pad + mat's
- Grade crusher runs to approx. original grade

15:00 AAA clean up work areas

16:00 AAA off site

17:00 BBL off site

SUBJECT	PROJ. NO.	BY	DATE 8/21	SHEET

CALCS. BY ___; DATE ___ CHECKED BY ___; DATE ___

Monday
Sun
75° F

10:00 AAA on site

15:15 BBL on site

AAA eqpt. - ~~Vac Truck~~ Baker tank, (2) Poly tanks, Pressure washer — Load All, Excavator, 5 ton Roller

R/Os: (3) 30 CY Full Haz
(1) 20 CY ½ full Non Haz

Site Observations:

- DeCon. Eqpt. → Staged @ Back gate
  - Excavator - No visible debris
  - Load All - No visible debris
  - 5 Ton Roller - No visible debris
- Baker Tank: Top → 4' → fluid (w 6')
- DeCon pad removed → placed in R/O (Non-Haz)
- DeCon area clean
- Diversion dam in place
- Temp pipe set @ roof drain
- Pipe trench excavated ~9" below exist. floor
  ↳ remaining subbase = hard pack soil
  Sligo says "OK" to pour concrete on

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SUBJECT	PROJ. NO.	BY	DATE 8/21	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Site Observations (Cont.)

- TD subgrade compacted
- TD wall surfaces clean, rebar removed
- Poly placed over TD slope excavation
  ↳ No. end + east side
- (2) horizontal pipes @ TD removed
  ↳ placed in Haz. R/O
- TD South end — Dry
- TD North " — Moist, but not wet
- Pile (~ 8CY) Crusher run
- Pile (~ 12CY) Medium (3") stone
- (2) Poly tanks clean, near No. side OTF

10:00 AAA clear. N/S floor — 2nd pass
- Blows dust w/ air hose
- Collect dust w/ HEPA vacuum
- Sweep + brush floor area
- Fine layer of dust remains on floor

16:30 AAA clean up work areas

17:00 AAA off site
- To return next Wed. (8/30)

17:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 8/23	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Cloudy/Rain
75°F

08:00 BBL on site

AAA eqpt: DeLon
5 ton Roller
Excavator
Load All
Baker tank
(2) Poly tanks

R/Os on site: (3) 30 CY Haz Full
(1) 30 CY Non Haz 1/2 full

Site Observations:

- Decon. eqpt @ back gate
- (1) pile of crusher run
- Diversion dam @ Parking lot gate
- Sand bags @ O/H door (TO)
- (9) Air units running @ TS
- TO ready for form work
- Pipe trench ready for forms
- MS area needs dust removed from floor
- Temp pipe @ roof drain

09:00 Sligo on site

Safety Meeting

:30 Sligo prep work area

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SUBJECT	PROJ. NO.	BY	DATE 8/23	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:00 Haz Mat on site to P/U (3) R/Os

Sligo setting rebar @ TD wall
- No. 5 rebar placed @ center of wall @ 16" o/c
- Pour floor over wall or floor up to wall?
  ↳ 4' formwork will determine
- FFE to match exist. MS FFE

BBL review shedule w/ NMPC (Barb Z.)

- Wed (8/23) - Prep & formwork @ TD walls
- Thu (8/24) - " " @ pipe trench
- Fri (8/25) - Pour TD walls & pipe trench floor
- Mon (8/28) - Remove formwork
- Tues (8/29) - Pour pipe trench walls
- Wed (8/30) - Pour TD collection sump
- Thur (8/31) - Prep TD slab
- Fri (9/1) - Pour TD floor

10:30 AAA eqpt. offsite = Excavator
Load All

BBL perform air monitoring @ TD area

CO = 1
VOC = 0.0
H_2S = 0.0
LEL = 0.0
O_2 = 21.0

:30 Sligo cont. setting rebar @ TD wall

Sligo survey elevations w/ laser level

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SUBJECT	PROJ. NO.	BY	DATE 8/23	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:30 Haz Mat off site w/ (3) R/Os

12:30 Sligo cont. prep work @ TD

13:00 Sligo to construct ledge for forms @ TD No. end
- Remaining concrete not horizontal
- Need horizontal surface for forms
- Form + pour concrete ledge @ No. side of No. wall
- No. wall to be 16" (due to forms)

13:30 Sligo construct form for ledge beam
- Fab form w/ 2" x 6" studs

00 Sligo pour ledger beam w/ mortar

14:30 Sligo clean up work area

15:00 Sligo off site

16:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 8/24	SHEET

DES. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Clouds
75° F

08:00 BBL on site
Sligo on site
Safety Meeting
AAA eqpt.: (2) Poly tank
Baker tank
5 ton Roller

R/O's: (1) 30 cy Non Haz 1/2 full

Site Observations:
- Diversion dam @ back gate
- (9) Air units running @ TS
- TD No. end → moist
- TD So. end → dry
- TD East wall → ∿ 2" H2O @ outside
- ledger beam @ No. end TD
- TD wall rebar anchor holes in place

08:30 Sligo survey elevations @ pile caps/columns

09:30 Sligo place wooden ledger board on East side of east TD wall

10:00 BBL photo Eqpt. Storage Pad area

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SUBJECT	PROJ. NO.	BY	DATE 8/24	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:30 Sligo constructing wooden forms

11:00 Sligo off site to obtain supplies

11:30 Sligo back on site

12:00 Rebar delivery → Sligo
- Stage rebar next to Baker tank
- #3, #3, #5, No. 4 bars

13:00 Rebar truck off site

13:30 Sligo off site

:00 BBL observations @ proposed Eqpt. Storage
- Eqpt. being moved by NMPC
- 100 amp panel @ SW corner Trans. Bldg.
- Outlets from 100 A panel along fence

15:00 BBL clean up work area

16:00 BBL off site

16:30 Sligo deliver forms to site
- Stage near Baker + poly tanks

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
Field Notes			8/24/25	1 of 2

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sun
~80°F

0615 BBL on site

0645 Sligo on site

AAA equipment

1500 gal poly tank

- Safety Meeting
- Site observations

Sligo began preparing existing concrete for concrete placement
- cleaning holes drilled w/ hammer drill w/ air
- installing steel reinforcement

- Spoke w/ Eric Murdock @ 0830
- Spoke w/ Bill Hopkins @ 0900
- Sligo began installing vertical steel w/ epoxy @ 0930
- spoke w/ Tony Guiss from AAA @ 0945
- Concrete pour cancelled by Sligo @ 1000

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
Field Notes			8/25	2 of 2

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

- Sligo's form work personnel is not going to be on site today. They will
- Sligo plans to perform final work on steel reinforcement on monday + will place concrete in truck dock walls on monday.
- AAA was notified that an approved concrete testing company must be on site whenever concrete is placed at the site

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SUBJECT	PROJ. NO.	BY	DATE 8/28	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Clouds / Sun
~75°F

07:00 Sligo (C+S) on site

C+S set forms @ TD walls

11:00 BBL on site

Safety Meeting

AAA eqpt: 1,500 gal. (Green) poly tank - Clean
1,000 " (White) " " "
20,000 " Baker tank (~6' fluid, ~12K gals.)
5 ton Roller

R/Os: (1) 30 cy Non Haz ~1/2 full

Sligo Equipment: (3) bundles No. 4 rebar
Trailer of forms

Site Observations:

- TD dry @ So. end
- TD moist @ No. end
- TD wall forms @ East + No. end
- East TD wall ≅ 12" thick (due to form ties)
- North TD wall ≅ 19" thick (" " " ")

BBL conduct air monitoring:

- CO = 0.0
  H_2S = 0.0 O_2 = 21.0
  LEL = 0 VOC = 0.0

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SUBJECT	PROJ. NO.	BY	DATE 8/28	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:30 Kevin M. (Sligo) On site

C+S placing ties + walers + braces

13:30 Bonded Concrete truck on site

- Bob Ashe performs slump test ⇒ 3" slump
- No air entrain test eqpt → cannot perform
- Pour North end to ~ 2' deep
- Vibrate w/ rod to full depth
- Pour East wall to full depth (~ 4')
- Vibrate east w/ rod
- Pour No. end to top, vibrate w/ rod
- Trowel finish top of concrete

✗ No Independent Test Personnel on site

BBL call AAA → leave voicemail w/ Pickering
RE: Testing of concrete

14:00 Bonded finish pouring walls
- Clean up/wash down truck

14:15 Bonded off site
Sligo off site
C+S
C+S finish concrete

15:00 C+S off site
BBL contact

15 ↳ Bonded: Bob Ashe is ACI Certified

16:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 8/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Overcast/Sun
80°F

07:00 BBL on site
C+S " "
Sligo " "

Safety Meeting

AAA Eqpt: (2) Poly tanks
Baker tank
5 ton Roller

R/Os: (1) 30 CY Non Haz ~1/2 full

Sligo Eqpt: (3) bundles No. 4 rebar
Formwork trailer

Site Observations:

- Enclosure intact
- (9) HEPA units blowing
- TD walls poured in forms
- TD No. end → moist, not wet
- TD South end → dry
- TD east wall: ~2" standing H2O
- (6) Concrete cylinders → testing
- TD subbase well compacted
- Poly placed @ TD wall excavation

TD East wall = 38' x 4' x 1' = 152 f^3 = 5.63 CY

TD North wall = 13.5' x 4' x 19" = 85.5 f^3 = 3.17 CY

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SUBJECT	PROJ. NO.	BY	DATE 8/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

07:30 C+S begin strip formwork

Talk w/ Kevin (Sligo)

- Rvw concrete specs: Test concrete before pour
- Sligo contracted test lab
- Test lab did not show up yesterday
- BBL obtain Bonded concrete ticket from Sligo

08:15 Kevin (Sligo) off site

08:30 C+S finish strip formwork
" load forms onto trailer

08:50 C+S off site

09:45 Sligo on site (Kevin + Craig)

10:15 Sligo begin finish TD walls

- Break + remove ties
- Finish wall face w/ grinder
- TD wall curing: cover w/ burlap and wet
  ↳ Minimize H2O in TD

10:30 BBL perform Air Monitor: CO = 0.0
H_2S = 0.0
LEL = 0
O_2 = 20.9
VOC = 0.0

11:30 Sligo place burlap cure blankets @ TD walls
- Wet burlap, place burlap down / poly up

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SUBJECT	PROJ. NO.	BY	DATE 8/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:00 Sligo off site for lunch

13:00 Sligo on site

Sligo begin formwork for pipe trench, column bases
- Measure + cut plywood

14:00 Bob Ash (Bonded Concrete) on site to pick up concrete cylinders for testing

→ Test Lab: Soil + Material Testing, Castleton, NY

30 Finished floor → exist. eqpt. floor elevation

* Barb Z (NMPC): Slope to match elevations

15:30 Sligo off site

17:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 8/30	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Clouds/Sun
~80° F

07:00 BBL on site

AAA eqpt: (2) poly tanks
Baker tank
5 ton Roller

R/Os: (1) 30 CY Non Haz ~1/2 full

Sligo eqpt: Stockpile of No. 4 rebar
Hand tools

Site Observations:

- MS area; dust over floor areas
- MS steel plate to be installed
- Curing blanket over TD walls
- TD walls warm (hydrating)
- Pipe trench ready for formwork
- TD east wall → ~2" H20 on east side
- Roof drain system → dry
- (9) HEPA units running

07:30 Sligo on site

Safety Meeting

08:00 TS Access → Can Sligo use door to Garage?
↳ BBL ask NMPC for clearance
Sligo survey elevations for forms @ columns

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SUBJECT	PROJ. NO.	BY	DATE 8/30	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:00 Sligo setting forms @ columns

10:00 Sligo placing rebar @ pipe trench

BBL Talk w/ AAA (M. Pickering) 8/31/00
- AAA to be on site tomorrow to do
  - → MS excavation backfill + compact
  - → Install MS steel plate
  - → Prep + clean MS area
  - → Replace roof drain pipe

11:00 BBL conduct Air Monitor: CO = 0
H_2S = 0
LEL = 0
VOC = 0.0
O_2 = 20.7

12:00 Sligo placing rebar @ pipe trench

12:15 Sligo off site

12:30 BBL contact J. McNamee
- RE: conduit @ (2) columns in TS → Dead/Alive

12:45 NMPC test conduit @ cols. → Dead

13:30 Sligo on site → place rebar @ pipe trench

Garage doorlock → Best (NMPC) #1K2

14:00 Craig (Sligo) on site

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

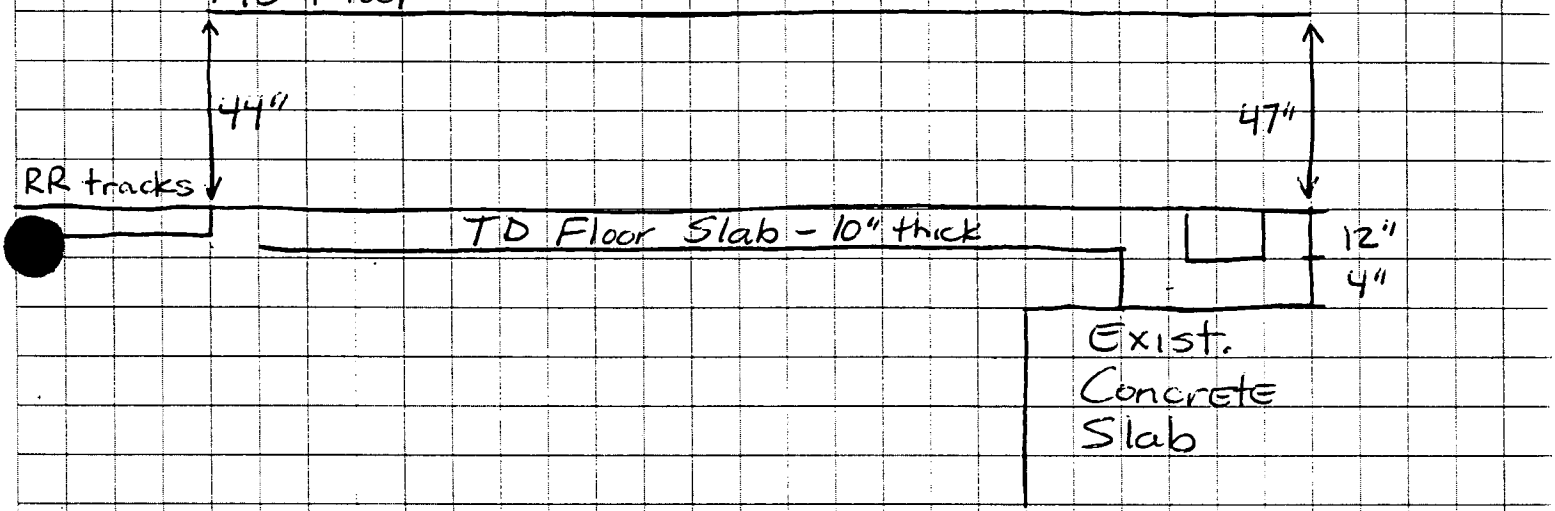
SUBJECT	PROJ. NO.	BY	DATE 8/30	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:00 Sligo begin excavating collection sump @ TD
- Remove subgrade w/ hand shovel
- HZO ~2" below top of aggregate base

16:00 Sligo preparing rebar for TD collection sump

Estimated elevations:



17:00 Sligo off site

17:30 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			8/31	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Clouds/Sun
85°F

07:00 BBL on site

AMA eqpt: (2) poly tanks
Baker Tank
5 ton Roller
(2) Bob Cats

R/Os: (1) 30 CY Non Haz ~1/2 full

Site Observations:

- TD sump excavated / H2O on surface
- TD wall cure blankets in place
- TD sump rebar formed
- Column bases formed
- Rebar placed @ pipe trench
- MS needs prep for pour
- Poly in place @ TD East wall
- (9) HEPA units running

08:00 Sligo on site
- Prep rebar for TD sump + pipe trench

08:30 BBL perform Air Monitor → CO = 0
VOC = 0.0
H_2S = 0
LEL = 0
O_2 = 20.9

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SUBJECT	PROJ. NO.	BY	DATE 8/31	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:00 Sligo cont. form rebar

09:30 AAA on site

10:00 AAA backfill MS area

10:20 Rebar set @ TD sump + pipe trench

10:30 NMPL collect fluid sample from Baker Tank

BBL talk w/ AAA:

- MS Plate = 26" x 26" x 1/2"
  - → Need min. 3" bearing of plate on concrete
  - → Anchor bolts to be flush w/ plate surface
    - ↳ Try 3/8" bolt w/ 1/2" sleeve
- AAA wants to backfill TD wall next week

11:00 Sligo prep concrete pour areas:

- Pipe trench floors
- MS excavations → (3' x 10') + (3' x 6')
- (5) column pads

11:30 AAA clean MS area w/ Wet Vac

12:00 Soil + Material Testing (SMT) on site

- Test batch off truck
- Slump = 3.75"
- Air = 4.5%
- Temp = 83° F

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SUBJECT	PROJ. NO.	BY	DATE 8/31	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:00 Bonded Concrete pour into Power Buggy
Transfer concrete to Pipe Trench
Pour, level, float, finish Pipe trench floor
Pour, level, float, finish Column pads
" " " " MS areas
" " " " TD sump floor

13:30 AAA off site

14:45 Bonded Concrete off site

15:00 Sligo finish concrete, clean up eqpt.

16:00 Sligo off site

17:00 BBL off site

DDL
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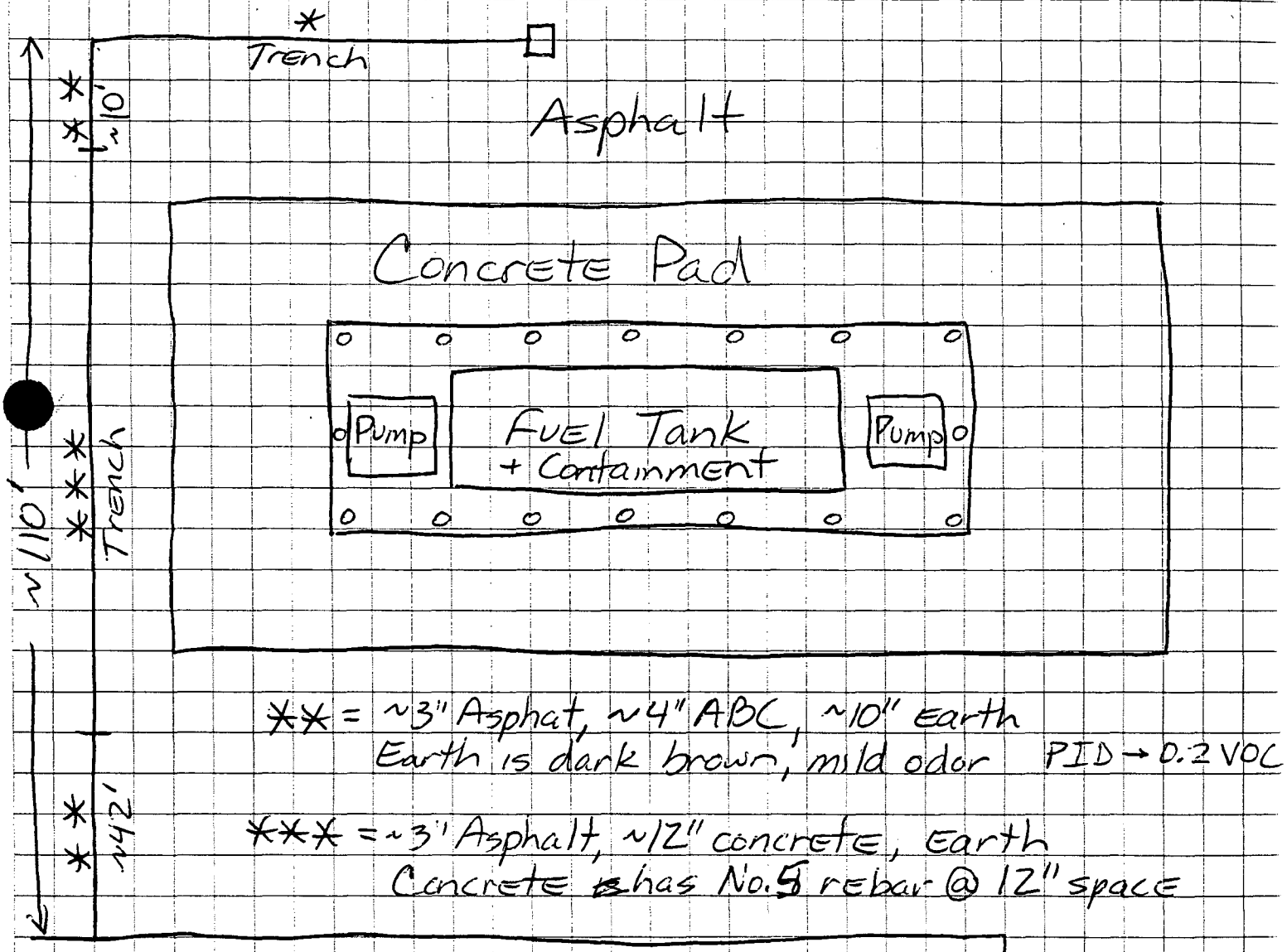
SUBJECT	PROJ. NO.	BY	DATE 8/31	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Trench is ~6" wide, ~18" deep
~3" Asphalt over trench area

~40'

* ~3" Asphalt, ~6" ABC, ~9" Earth
Earth is brown - dark brown



** = ~3" Asphat, ~4" ABC, ~10" Earth
Earth is dark brown, mild odor PID → 0.2 VOC

*** = ~3' Asphalt, ~12" concrete, Earth
Concrete has No.5 rebar @ 12" space

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SUBJECT	PROJ. NO.	BY	DATE 9/1	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sunny
~85°F

07:00 BBL on site

AAA eqpt: (2) poly tanks
Baker tank
5 ton Roller
(2) Bobcats

R/Os → (1) 30 CY Non Haz ~½ full

Site Observations:

- MS area → 1 Day concrete @ excavations
- TD ~~No~~ sump: " " "
- Curing blankets over TD walls
- Pipe Trench → 1 Day concrete
- Column pads → " "
- Poly over TD wall excation
- (9) HEPA units running

07:45 Sligo on site
- Remove forms from yesterdays pour
- Wet fresh concrete + cover w/ curing sheets
- Clean up work areas

08:00 Safety Meeting

08:15 Sligo begin stripping formwork

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SUBJECT	PROJ. NO.	BY	DATE 9/1	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:30 BBL talk w/ Sligo:

- Grating does not need to be close mesh
- Grating to be 1¼" thick
- Grating to be galvanized, Angle iron not galv.

09:00 Sligo placing curing blankets over fresh concrete

- Column pads
- ~~Pipe trench~~

10:30 Sligo off site

10:00 BBL perform air monitoring: CO = 0
VOC = 0.0
H_2S = 0
LEL = 0.0
O_2 = 20.9

11:00 BBL review documentation + Scope of Work

14:00 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/5	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sunny
65° F

08:00 BBL on site

AAA eqpt: (2) Poly tanks 5 ton Roller
Baker tank
(2) Bob Cats

R/Os: (1) 30 cy Non Haz ~1/2 full

Site Observations:

- MS area pours (2x) curing - No blanket
- TD sump + rebar - curing - " "
- Pipe trench pour - curing - " "
- Column pads - curing + blankets
- (9) HEPA units running
- Roof drain pipe to be replaced
- Poly over excavation
- TD walls curing + blanket
- Fuel Island Area:
  - Electric conduit in concrete + BF in place
  - Asphalt removed to ABC No. of ex. pad
    ↳ (~ 50' x 50')

10:00 Sligo on site

Safety Meeting

Sligo off load materials: joint felt
1/2-inch thick

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SUBJECT	PROJ. NO.	BY	DATE 9/5	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:00 Sligo off site

11:15 Fuel Island observations:

- (2) 20 CY R/Os - covered
- Conduit trench backfilled
- Asphalt removed No. of concrete pad
- Formwork set in asphalt removal area around stubbed conduit
- Formwork ~(20' x 30') set on raised ABC
- No odors, discoloration

45 BBL review documentation + paperwork

- Develop schedule + punchlist
- Rvw Scope of Work
- Rvw concrete specifications

15:00 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/6	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sunny
~65° F

07:00 BBL on site

Sligo on site

AAA eqpt: (2) Poly tanks (2) Bob Cats
Baker tank (1) 5 ton Roller

Sligo eqpt: Hand tools Supply truck
Power saw Rebar
Air compressor Joint material

R/Os: (1) 30 CY Non Haz. ~1/2 full

Site Observations:

- MS floor to be cleaned
- Pipe trench walls ready for forms
- TD sump to be formed
- Cure blankets on column pads
- (9) HEPA units running
- Roof drain to be replaced
- Poly over TD excavation
- ~2" H2O @ " "

08:00 1 crew working @ PT
1 crew " " TD sump

BBL
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engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 9/6	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:00 Sligo crew @ TD sump
- Trim concrete base pad
- Support rebar removed @ PT

10:00 Sligo break

10:20 Sligo resume work activities

10:30 BBL perform air monitoring: CO = 0
VOC = 0.0
H_2S = 0
LEL = 0
O_2 = 20.9

NMPC welding anchor bolts on angle iron

Sligo cutting wood for forms

11:30 Sligo break for lunch

12:30 Sligo resume work tasks

- 1 crew prep forms @ TD sump
- 1 crew prep rebar mats for TD slab

13:30 Sligo continue work tasks

14:30 Sligo cont. tasks

- 1 crew prep rebar mats
- 1 crew setting forms @ TD Sump

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/6	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:30 Sligo cont. work tasks

- 1 crew prep rebar mats → 2 mats @ ~14'x14'
- 1 crew prep forms @ TD sump
  - ↳ Rebar in place on North side
    Forms in place, spaced @ 18", 8" from wall
- TD floor slope = 1" from wall to sump
- Angle iron in place @ No. side

16:15 Sligo clean up work area

16:30 Sligo off site

17:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 9/7	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Sun
~75° F

07:00 BBL on site

Site Observations:

- Forms set @ TD sump
- Cure blankets over MS pour
- " " " column bases
- Pipe trench to be formed up
- Poly over TD excavation
- (9) HEPA units running
- Rebar mats, angle iron, joint mat'l staged outside

07:15 Sligo on site

Safety Meeting

AAA eqpt: SAY (Same As Yesterday)

Sligo eqpt: SAY

R/Os: SAY

08:30 Sligo setting joint material, angle iron, braces, at ~~pipe trench~~ TD sump

1 crew forming rebar mats

AAA on site

AAA remove (9) HEPA air units → off site

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SUBJECT	PROJ. NO.	BY	DATE 9/7	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:00 AAA replacing roof drain pipe

- Cut, smooth ends of exist. pipes
- Fernco joint couplers @ new + ex. pipe
- Hard, couple joint @ mid pipe

09:20 Sligo break work activities

09:40 Sligo resume work tasks

- Placing joint mat'l. @ perimeter of TD

10:30 AAA placing backfill @ TD wall + roof drain

- Place ~12" bedding of 2" stone under roof pipe
- BF w/ native soil

11:00 Sligo cont. forming rebar mats

10:00 BBL perform Air Monitor: CO = 1
VOC = 0.0
H_2S = 0
LEL = 0
O_2 = 20.8

11:30 Sligo break for lunch

AAA " " "

12:00 Solite Rep (Paul Zimakis) on site
- Rvw LW Aggregate backfill
- 60 lb/ft^3 = 1620 lb/CY = 0.81 ton/CY
- Can place in 12" lifts
- Roll 2x - No Vibration
- 4 Days to BF TS

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/7	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:45 Sligo resume work tasks
- Placing joint mat'l. @ TD

13:00 AAA resume work tasks
- BF TD wall w/ ~18" soil
- Compact w/ ~~bar~~ walk behind tamper
- Repeat above cycle

13:30 Sligo finish placing joint material @ TD

Sligo off site

Concrete scheduled 9/8 @ 8:00 AM

15:00 AAA finish placing + compacting soil @ TD wall

LW Aggregate scheduled for Mon. 9/12

15:30 AAA off site

16:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 9/8	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sunny
~ 75° F

07:00 BBL on site

Sligo on site

~~Sligo~~ Safety Meeting

Sligo prep TD area:

- Grease form surfaces
- Stage rebar
- Clean South end near O/H door

08:00 Bonded Concrete on site

SMT on site

Concrete batch Test:

1ST Batch
Temp = 70° F
Slump = 4¼"
Air = 6%

2ND Batch
Temp = 76
Air = 5.5%
Slump = 3½"

Set of (6) 6" x 12" cylinders made by SMT

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/8	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:30 Pour TD ~~slump~~ collection sump

Pour from No. end to South

Pour ~ 5" @ No. end

Place rebar mat

Pour ~ 5" over rebar mat

Spread, level, screed, bull-float

Pour next section as above - Total = 4 sections

10:00 Finish prelim pour activities

Curing / Sealer Compound = Euclid Super Floor Coat

11:30 Sligo begin hand floating @ No. end → So. end

Hand float edges / Power float main area

12:30 Finish 1ST pass Power Float

13:00 Begin 2ND pass Power Float

14:00 Sligo finish 2ND pass Power Float

:30 Sligo complete finish activities @ TD slab

15:30 Sligo saw cut control joints @ TD slab

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SUBJECT	PROJ. NO.	BY	DATE 9/8	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

16:00 Sligo place curing compound @ TD slab
- Euclid Super Floor Coat
- Pour on slab, spread w/ squeegee
- Start @ No. end → So. end

17:00 Sligo off site

BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/11	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sunny
~85° F

08:00 BBL on site

AAA on site

Safety Meeting

AAA equipment: (2) BobCats
(1) 5 ton Roller
(2) Poly tanks
(1) Baker tank

Site Observations:

- Cure blankets over MS pour areas
- MS steel plate to be placed
- TD slab poured + sealer/curing compound
- Forms in place @ TD sump
- Joint mat'l staged @ MS
- Cure blankets over column pads
- Pipe trench floor poured in place
- Roof drain pipe placed + backfilled
- Med. stone placed @ TS office area (24" excavation)
- Staging area (off concrete pad) clear

08:30 AAA backfill No. end TD excavation
- Place w/ 12" BF
- Compact w/ vibratory walk behind tamper
- Repeat cycle 2x times

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SUBJECT	PROJ. NO.	BY	DATE 9/11	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

- Compacting TS perimeter w/ Walk behind

09:00 AAA compact TS floor area w/ 5 ton Roller
- Roll TS area w/ NO vibration

10:00 Solite LWAgg truck on site
- Drop ~35 ton @ staging area
- Another load ~ 30 min. away
- Scheduled (3) loads for today

10:30 AAA begin placing LWA
- Start @ TD No. area near stairwell

11:00 Solite LWA truck on site
- Deliver ~35 ton LWA @ stage area
- Off site at 11:30

12:00 Solite compaction test
- 5 ton Roller (1 pass) vs. Walk behind tamper
- Walk behind produces more compaction on top
- Side by side compaction areas @ No. TD area
- Placed (1) 12" lift of Solite, grade by hand
- Roller compacts ~1" > Walk behind

12:30 AAA break for lunch

13:00 AAA back to work tasks

Solite LWA truck on site
- Deliver ~35 ton LWA
- Off site @ 13:30

* Compaction:
- Roll main areas 2x pass w/ 5 ton Roller
- Walk behind perimeter & transitions areas

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SUBJECT	PROJ. NO.	BY	DATE 9/11	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:00 AAA continue backfill activities

15:00 AAA cont. backfilling
- (2) BobCats placing LWA in TS No. end
- Laborer grading by hand w/rake

16:00 AAA cont. BF

16:30 AAA finish BF for day
- Place (3) truckloads LWA

:00 AAA off site

17:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 9/12	SHEET

LCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy
80°F

07:00 BBL on site

AAA on site

Safety Meeting

AAA eqpt: (2) Bob Cats Baker tank
(1) 5 ton Roller (2) Poly tanks

Site Observations:

- Enclosure to be repaired
- TS No. low bay area + ~1/2 Hi bay backfilled
- Pipe trench open
- TD slab → uneven cure compound
- Stage area clear
- Cure blankets @ MS area
- Forms in place @ TD sump

07:45 AAA begin compacting LWA

- 5 ton roller make 2x passes
- Walk behind compact at columns, walls, etc.

08:30 AAA finish compacting LWA

08:45 Solite truck on site
- Drop ~ ton LWA
- Offsite @ 09:15

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SUBJECT	PROJ. NO.	BY	DATE 9/12	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:15 AAA begin backfill TS area

10:30 AAA finish backfill TS area w/ LWA

11:00 Sligo (Craig Murray) on site

Review items:

- TS pour: (3) pours
  Pour pipe trench walls + TS floor together
- GTD curing compound
- Control joints
- MS topping + VB restore to be done together

11:00 AAA off site

11:30 Sligo off site

11:40 Solite truck on site
- Drop ~ ton LWA
- Offsite at 12:00

12:00 AAA resume work tasks
- Backfilling TS So. bay area

13:15 AAA begin compacting LWA w/ 5 ton Roller + Walk behind vibrate plate

13:45 Solite truck on site
- Drop ~ ton LWA

14:00 Ken P. remove AAA transformer from NMPC circuit breaker box in TS

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SUBJECT	PROJ. NO.	BY	DATE 9/12	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:30 AAA continue backfilling TS

15:10 AAA finish BF in TS
- Need to compact last fill areas

15:30 BBL observe crack in exist. concrete @ NE corner of TS elec. eqpt. (Generator pad)

16:00 AAA compact CWA in TS
- 5 ton Roller + Walk behind

16:15 AAA finish compaction CWA in TS

16:30 AAA off site

17:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 9/18	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sunny
~80° F

07:00 Sligo on site
- Unload mat'ls + prep work site

08:30 BBL on site

Equipment: AAA BobCat Baker Tank

R/O: (1) Non Haz 30 CY ½ full

Site Observations:

- Solite stockpiled @ staging area
- Rebar " " " "
- TS Area backfilled + compacted w/ Solite
- Coat of cure compound over TD
- Concrete pad @ Generator broken @ NE corner
- Forms in place @ TD sump

09:45 BBL talk w/ AAA (Mike P.)

- AAA to sawcut concrete pad @ Generator
- Other AAA work tasks

09:30 Sligo begin install isolation joint mat'l.

- Start at perimeter near MS

00 UIS truck on site
- Offload ~4,000 gals. fluid from Baker tank
- Truck off site @ 12:10

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SUBJECT	PROJ. NO.	BY	DATE 9/18	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:30 Sligo to trim conc. @ stairwell door

12:15 Site Visit by: M. Jones, BBL
J. Brussel, BBL
Jim Morgan, NMPC
Bob Cazzolli, NMPC
- Offsite @ 12:30

12:00 Sligo break for lunch

13:00 Sligo return to site
- Placing joint material, unsound concrete to anchor in some areas

14:30 BBL return photographs to Jim McNamee (NMPC) (3)

15:00 BBL talk w/ Sligo re: ISSUES:
- Enclosure to remain?
- Who install poly vapor over LWA?
- Brick rebar supports
- Pipe trench forms / backfill on No. side / Condensate System base unsound

15:30 Sligo continue placing joint material @ No. TS

16:00 Sligo off site

16:30 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			9/19	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Sun/Clouds
~80°F

07:00 BBL on site

Sligo on site

Safety Meeting

Equipment: AAA BobCat
Baker Tank
(2) poly tanks
Sligo hand tools, finish tools

R/O: (1) Non Haz ½ full

Site Observations:

- Joint mat'l in place @ No. columns, N+E perimeter
- TS area backfilled w/ Solite
- TA sump formwork in place
- Pipe trench to be formed
- Cure blankets off MS pour areas

08:00 BBL measure fluid in Baker Tank
→ ~4' fluid ≅ 8,000 gallons remaining

Sligo begin formwork @ Pipe trench

09:00 Base floor board in place @ PT
- Anchored in concrete floor w/ masonry nails

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SUBJECT	PROJ. NO.	BY	DATE 9/19	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:00 BBL talk w/ Sligo re: Pipe Trench
- PT plate elevations + Angle iron
- PT L iron: So. +1" = No. elevation
- Corner steel plate: So. + 2" = No.
- Transition El. from FFE to PT edge @ No. side
- Carry 1" diff. along entire length of PT
- Adjust corner elev. to fit plate

11:00 Sligo continue forming Pipe trench

11:30 Sligo bring angle iron on site
- 4" Truck Dock + 2" Pipe trench

13:00 Sligo offload block + rebar into TS

13:30 Continue placing block + rebar @ TS No. area

14:30 Sligo cont. rebar mat (16" O/C)

15:00 Verizon call → UFPO clear
- Line from B'way to NE corner of Bldg Z

16:00 BBL talk w/ AAA
- AAA to cut Generator pad +
" " remove exist. coating @ VHWSS

17:00 Sligo placing angle iron @ Pipe trench
- Ensure correct elevation + width

17:30 Sligo off site

18:00 BBL off site

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SUBJECT	PROJ. NO.	BY	DATE 9/20	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sunny
~85°F

07:00 BBL on site

Sligo on site

Safety Meeting

BBL review Work tasks w/ Sligo:

- Cut ledge in No. TD wall (for steel bridge)
- Forms + ∠ iron @ PT → 12" inside / 15.5" steel plate
- Poly vapor barrier over stone
- Form up bulkhead at column line

07:45 BBL inform NMPC (Jim McN.) of ~~loss~~ loose power box @ NE corner of TS
- NMPC to repair power box

08:00 Rick Longtin (NMPC) clear area for soil borings
- No electrical lines in area

08:15 BBL talk w/ Jack H. (NMPC) re: soil borings
- NMPC to relocate remaining equipment
- NMPC to supply drums for soil cuttings
- Cutting water to go in Baker Tank

09:00 AAA on site

Equipment:

AAA	Sligo
Demo saw	Hand tools
TD stairs	Finishing tools
Bob Cat	

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SUBJECT	PROJ. NO.	BY	DATE 9/20	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:45 Sligo placing poly + rebar @ TS No. end

09:00 Site Observations:
- Joint mat'l. placed in No. end TS
- PT walls formed, need to place iron
- No TS area to be cleared of rebar + blocks
- Iron in place @ No. wall TD
- Loose power box @ NE TS
- Rebar to be added @ PT
- Ledge to be cut @ TD No. wall

09:15 (2) UIS Trucks on site
- Truck 1 offload ~ 5,200 gal. fluid
- Truck 2 " ~ 4,000 " "

:30 AAA begin cut TS slab w/ demo saw
- Demo saw will not work
- Ken P. order road saw

10:15 Talk w/ Eric M. re: Soil borings
- Need drums for soil + H2O
- Directions for Pittsfield crew

AAA load (2) poly tanks → offsite

10:30 (2) UIS Trucks off site

11:00 AAA begin conc. cut w/saw + H2O
- Wetting cutting area constantly → No dust

11:30 BBL talk w/ Mike P. (AAA)
- Baker Tank ready for DeCon activities
- VHWSS coating removal

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SUBJECT	PROJ. NO.	BY	DATE 9/20	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:30 AAA finish conc. cut @ TS Generator
- Saw cut ~ 4"-5" deep of 6" slab
- Unable to remove cut section
- Crack observed @ NW corner of remain slab

13:00 AAA off site
AAA to return tomorrow (9/21) to do:
- Concrete removal @ TS Gen.
- DECon Baker Tank
- VHWSS activities

Sligo continue placing rebar @ TS No. area

14:00 Forms @ column line in place (bulkhead)

14:30 BBL talk w/ AAA (Mike P.)
- Need road saw to cut slab to full depth (6")
- NO Jackhammers

15:30 Sligo cont. placing rebar @ TS No. end

17:00 Sligo cont. w/ rebar @ TS No. area

17:30 Begin placing angle iron @ PT

18:30 Sligo off site

19:00 BBL off site

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 9/21	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Cloudy
~75° F

05:00 Sligo on site

BBL on site

Safety Meeting

Equipment:

Sligo	AAA
Hand tools	Bob Cat
Finishing tools	Demo saw
	Pressure washer
	Air compressor
	Blaster

Site Observations:
- TS area backfilled & compacted
- Poly & chairs & rebar over TS area
- Forms @ column line
- Pipe trench = Forms & rebar & angle iron
- Baker Tank = No fluids & sediment
- Eqpt. Pad area clear of eqpt.

Sligo tieing rebar mat @ TS area

Sligo placing iron on forms @ PT

07:00 Concrete pump on site (Gary)

Sligo cont. prep work @ TS area & PT

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SUBJECT	PROJ. NO.	BY	DATE 9/21	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:00 Bonded Concrete on site → 1ST Truck, 10 CY

SMT on site

Bonded Truck does not have superplasticizer
- Will add ½gal. H20 / CY concrete
- Will place concrete at base of PT
- Next (4) trucks will add superp. at the plant

08:30 SMT collect concrete test batch off truck

Air = 5%
Temp = 80° F
Slump = 3.5"

SMT collect (6) cylinders at end of pump

Sligo pour pipe trench → ~8" below FFE

Pour West end of No. TS area

Vibrate + consolidate concrete

09:00 2ND Bonded Truck on site → 10 CY

Continue pour West area @ TS

Vibrate, Screed, Bull Float (Darby)

Pouring from West end → East

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SUBJECT	PROJ. NO.	BY	DATE 9/21	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:30 3RD Bonded Truck on site → 10 CY

09:45 BBLES on site → Soil Borings

10:00 Cont. pour central No. TS area

Pour, Screed, Darby

10:30 4TH Bonded Truck on site → 10 CY

10:15 AAA on site

11:15 AAA off site

11:30 5TH Bonded Truck on site → 10 CY

Pour, Screed, Darby

12:30 6TH Bonded Truck on site → 2.5 CY

Pour remaining area

12:45 AAA back on site

13:30 AAA prep to DECon Baker Tank

Sligo begin power trowel @ West end TS

14:30 AAA DECon Baker tank
- Poly on ground, drums on poly + Wet Vac
- Removing solids/liquids/sludge
- Dark brown/black liquid, minor odor
- AAA air monitor/confined space entry
- Pressure wash w/ Hotsy

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SUBJECT	PROJ. NO.	BY	DATE 9/21	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

14:30 Sligo power trowel Central No. TS area
- (2) machines - Craig/Kevin
- Crew trowel edges/perimeter

15:30 Sligo ~~finish~~ break power trowel activities
- Snap control joint lines

Sligo remove forms @ Truck dock trench

16:00 AAA finish DeLon Baker Tank
- Generate (11) drums @ ~ 2/3 full

AAA → VHWSS
- Prep to blast coating @ So. berm area
- Hang poly, remove grates, set up Eqpt.

17:00 Sligo cutting control joints @ TS No. area

17:30 AAA finish prep @ VHWSS

17:45 AAA off site

18:00 Sligo begin rolling cure compound, finish

18:45 Sligo off site

19:00 BBL off site

BBL
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engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 9/22	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sunny
~70° F

07:00 AAA on site
Sligo " "
BBL " "

Safety Meeting - PPE to be worn Always

Equipment:

Sligo	AAA
Hand tools	Bob Cat
Finish tools	Pressure washer
	Shot blaster
	Air compressor

R/O: (1) Non Haz 30 CY ~1/2 full

Site Observations:

- MS area to be topped
- TS No. area poured, finished, cure compound
- TS central area to be prepped
- TS generator slab to be cut full depth
- Test cylinders to be picked up
- Fluid + solid removed from Baker Tank
- Poly enclosure hung @ VHWSS

07:30 Sligo apply cure compound over small area TS No.

08:00 AAA begin blasting @ VHWSS
- Air compressor → shot blaster → Black Beauty shot
- Test area = coating removed + surface rough
- LEVEL C PPE

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SUBJECT	PROJ. NO.	BY	DATE 9/22	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:30 Conference call w/ NMPC (Syracuse) + BBL (M. Jones)
→ PPE enforcement

09:00 BBL talk w/ Kevin (Sligo) → Ø Tolerance
BBL talk w/ Ken P. (AAA) → Ø Tolerance

09:45 BBL conduct air monitor @ VHWSS
- MIE #PDM-3 → 1.10 mg/m³

AAA break work activities
- Approx. ½ berm area shotblast
- Surface is rough, red coat/concrete exposed

10:30 Sligo placing poly, chairs, rebar @ TS central

11:15 BBL conduct air monitor @ VHWSS
- PDM-3 → 2.17 mg/m³

AAA break work task

12:15 AAA finish blasting VHWSS
- Rough surface, areas of grey/red coating, bare concrete
- Generate ~ 3½ 55 gal. drums of shot waste
- Begin cleaning activities

Sligo placing rebar mats @ TS central
- Rebar on block chairs over poly vapor barrier

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			9/22	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

13:15 Sligo off site

AAA finish clean up @ VHWSS

13:30 AAA off site

15:00 BBL off site

14:00 BBL install PPE signage (15 signs) around TS + work area

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/25	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sunny
~60°F

07:00 BBL on site
Sligo on site

Safety Meeting - Wear PPE everywhere

Equipment: Sligo: Hand tools; AAA: BobCat, Road Saw

R/O: (1) Non Haz 30 CY ~½ full

Site Observations:

- MS area to be topped
- TD sump forms removed
- TD head wall to be cut
- TS No. = Poured, sawcut, cure compound, forms in place
- TS Pipe trench = Poured walls, forms in place
- TS Mid = Poly + block chairs + rebar → ~30% complet
- TS Generator slab to be cut
- Baker Tank: Fluid + solids removed
  → (11) 55g. drums of solids/sludge
- Eqpt. Pad Area: (6) Soil borings complete
  → (2) 55g. drums of PPE + sampling debris
- VHWSS: West area shot blast
  Surface rough, areas of red/grey/concrete
  Shot removed + cleaned up
  → (3) O/H lights out - breaker OK
  Contact Jim McN.

BBL
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SUBJECT	PROJ. NO.	BY	DATE 9/25	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:30 Sligo prep work @ TS central area
- Rebar mats @ 16" O/C each way
- Rebar on block chairs over poly vapor barrier
- Install joint material @ columns, perimeter

09:30 AAA on site

09:45 Sligo break work tasks

10:00 AAA begin concrete cut @ TS Generator pad
- Road Saw @ exist. cut line
- Cut NW corner @ 45°
- Wetting blade continuously w/ H2O
- No visible dust

10:15 BBL conduct Air monitoring
- MIE # PDM-3 → 0.05 mg/m³

Sligo resume work tasks

10:45 AAA finish concrete cut @ TS Generator
- Clean cut, NW corner @ 45°
- Place concrete debris in R/O w/ BobCat
- Brown subgrade, no odor

11:15 AAA off site

12:00 Sligo continue prep work @ TS central

13:00 Sligo cont. work tasks

:00 Sligo cont. prep work
- Placing rebar @ 16" O/C on blocks
- Joint mat'l at perimeter
- Forming N/S joint

DDL
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SUBJECT	PROJ. NO.	BY	DATE 9/25	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

15:00 Sligo cont. prep activities

15:45 Sligo begin cutting TD headwall w/ demosaw
- Cut back ~3" / Cut down ~5"
- Wetting blade continuously w/ H2O
- No visible dust

16:00 BBL perform Air monitor
→ PD3 = 0.28 mg/m³

Sligo break work task

16:15 Sligo resume cutting

16:30 Sligo finish activities / clean up work area

Sligo off site

17:00 BBL off site

BLASLAND, BOUCK & LEE, INC.
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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			9/26	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy
~55° F

07:00 BBL on site
Sligo on site

07:30 Safety Meeting

Equipment: Sligo — Hand tools, Demo saw; AAA — Bobcat

R/O: (1) Non Haz 30 cy ~½ full

Site Observations:

- TD headwall ledge cut
- Forms removed @ TS No. area
- Isolation joint material to be placed @ col. line
- Poly, rebar, joint mat'l in place @ Area 2
- TS Generator pad cut + joint mat'l in place
- Baker Tank to be sampled

08:30 Sligo crew placing rebar @ Area 3
" crew removing concrete @ TD headwall
" crew placing dowels @ TD wall @ 16" o/c

09:30 Sligo break work tasks

09:50 Sligo resume work tasks

10:30 Sligo continue work tasks above

11:00 BBL collect (3) wipe samples (PCBs) from Baker Tank

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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			9/26	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:30 Dowels set @ TD wall → Need grout/mortar

Rebar in place Area 3 → ~30%

12:00 Sligo break for lunch

13:00 Sligo resume work tasks

- Laser Elevation TD wall forms from MS floor
- Set forms @ TD wall east
- Anchor angle iron along top of forms w/nails
- Anchor plywood forms to TD wall w/nailgun

:00 Sligo cont. work on TD wall forms

Cont. place rebar @ Area 3

14:45 Sligo clean up work area

15:00 Sligo off site

BBL walk Area 2 for concrete pour
- Poly, chairs, rebar, joint mat'l in place
- Forms in place

16:00 BBL off site

DDL
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SUBJECT	PROJ. NO.	BY	DATE 9/27	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sunny
~60°F

07:00 BBL on site
Sligo on site

Safety Meeting

Equipment: Sligo
Hand tools
Demo saws

R/O: (1) Non Haz 30 CY ~ ½ full

Site Observations:

- Forms + angle iron in place @ TD wall
- MS Area to be topped
- Forms, rebar, joints in place @ Area 2
- Rebar, forms, joints ~75% @ Area 3
- Formwork in place @ Pipe trench
- Pipe trench to be poured

07:30 Concrete pump truck on site

08:00 Bonded Truck #1 on site - 10 CY

Sligo prep tools + work area

08:15 SMT on site - Test batch

Collect (6) cylinders Temp = 70° F
Slump = 4"
Air = 5.1%

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SUBJECT	PROJ. NO.	BY	DATE 9/27	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:30 Bonded truck #2 on site - 10 CY

09:15 Bonded Truck #3 on site - 10 CY

09:30 Bonded Truck #4 on site - 10 CY

10:30 Bonded Truck #5 on site - 3 CY

10:45 X NMPC (Jim McNamee) inform BBL of crack in wall @ stairwell near NW corner TS
- Rvw wall w/ Sligo → Need to repair

11:00 SMT off site

Pour complete @ TS Area 2
- Concrete: power screed + bull float to final elevation
- Slope floor to match exist. Generator pad

11:15 NMPC repair loose power box @ TS NE corner

Sligo break work tasks

11:30 Concrete pump off site

11:45 Sligo begin trowel edges/perimeter

Continue placing rebar @ TS Area 3

13:00 Sligo break for lunch

13:30 Sligo resume work tasks

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SUBJECT	PROJ. NO.	BY	DATE 9/27	SHEET

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

13:45 Sligo begin power float @ TS Area 2

Crew placing rebar @ TS Area 3

* NMPC collect sediment sample from Baker Tank for disposal characterization

* NMPC submit sediment + wipe samples to Adirondack Lab for analysis

15:00 Sligo cont. power float TS Area 2

15:30 Sligo placing + anchor dowels along TD wall

16:30 Sligo finish power float

17:00 Sligo power trowel TS Area 2

18:00 Sligo finish power trowel

19:00 Sligo sawcut control joints @ column lines

20:00 Sligo apply curing compound @ TS Area 2

21:00 Sligo off site

BBL off site

DDL
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SUBJECT	PROJ. NO.	BY	DATE 9/28	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Cloudy
~55°F

07:00 BBL on site

Sligo on site

Safety Meeting

Equipment: Sligo
Hand tools
Finish tools

Site Observations:

- TD wall formed + angle iron in place
- Angle iron to be placed @ Pipe trench No. side
- Fans blowing → ventilating TS
- Concrete + control joints + cure compound @ TS Area 2
- Poly, rebar, joint mat'l in place @ Area 3
- Trash + debris @ outside conc. pad
- TD ladders staged @ " " "
- PPE signs at entrances + TS

08:00 Sligo placing angle iron @ PT

Crew placing dowels + rebar @ TD No. end

09:00 Sligo continue work tasks

10:00 Sligo placing angle iron @ PT
- Width = nominal 15.5"
- Placing joint mat'l + rebar

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SUBJECT	PROJ. NO.	BY	DATE 9/28	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:00 Sligo finish install angle iron @ PT

Sligo forming & placing bollard sleeves at TD perimeter
- No. end = 5'0" spacing O/C
- East = 5'10" spacing O/C

11:30 Sligo offsite

Tasks to be completed before pour tomorrow
- Remove forms @ bulkhead
- Place joint mat'l @ bulkhead
- Place bloks under rebar @ mid span
- Place bollard sleaves @ Truck dock
- Shim PT forms
- Place joint mat'l @ PT
- Place bond mat'l @ PT

15:00 BBL off site

DDL
BLASLAND, BOUCK & LEE, INC.
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SUBJECT	PROJ. NO.	BY	DATE 9/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sunny
~55° F

07:00 BBL on site

Sligo on site

Safety Meeting

07:15 Concrete Pump Truck on site

Equipment: Sligo
Hard tools
Finish tools

Site Observations:

- Poly, rebar, joint mat'l in place @ TS Area 3
- Angle iron, bollard sleeves, dowels @ TD wall
- Iron, rebar in place @ Pipe Trench
- Cure compound on concrete @ TS Area 2
- PPE signage up @ TS

08:00 SMT on site

Bonded concrete Truck # 1 → 12 CY
- 4,000 PSI, 3" slump

SMT collect field sample @ end of pump
- Slump = 3" off truck
- Temp = 72° Collect (6) cylinders
- Air = 6%
- Slump (off pump) = 4.5"

DDL
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SUBJECT	PROJ. NO.	BY	DATE 9/29	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:00	Bonded Truck #2 on site → 12 CY
10:00	Bonded #3 on site → 12 CY
10:30	Bonded #4 on site → 12 CY
12:00	Bonded #5 on site → 2 CY
	Sligo power screed, bull float, trowel edges
13:00	Break for lunch
14:00	Sligo resume work tasks - Trowel edges & perimeter - Power float main area
15:00	Continue finishing tasks
16:00	Sligo break work tasks
16:30	Clean up work area (tools, materials, debris)
17:00	Sligo power float & trowel TS Area 3
19:00	Begin saw cutting control joints @ col. lines
20:00	Apply curing compound to TS Area 3
21:00	Sligo off site
	BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/2	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sun
~65° F

13:00 BBL on site

Sligo on site

Safety Meeting

Site Observations:

- TS Area 3; poured, cure compand, control joints, in place
- TD Walls; Angle iron, bollard sleeves, forms in place
- Pipe Trench; Poured, iron, forms in place
- TS stairwell wall crack to be repaired
- Concrete ~~test~~ cylinders removed → SMT
- Solite staged outside TS near OTF
- TD sump grate to be installed
- MS area to be prepped + topping
- Baker Tank cleaned + DECon'd

Equipment: None on site

R/O: (1) Non Haz 30 CY ~1/2 full

14:00 Sligo removing isolation joint caps @ TS

15:00 BBL conduct site walk review
- Record areas of ground cover over site
- Fax figure to Chuck Guest (BBL)

16:30 Sligo off site

17:00 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/3	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy
~60° F

07:00 BBL on site

Site Observations:

- TS floor poured, sealed, control joints cut
- TS Area: Sealant to be applied @ isolation jts.
- Pipe Trench: Remove forms
- Truck Dock: Remove forms
- TD Sump: Install grate
- TS wall @ stairwell to be repained
- MS area to be cleaned & topping system
- VHWSS: Pour berm wall, grating staged outside

08:00 Sligo on site
- Cannot do any more work until AAA pays
- BBL review remaining items w/Sligo
- Need to complete remaining tasks this week

08:30 Sligo off site

BBL contact Craig (Sligo) → Remaining tasks
→ left voicemail message

BBL contact AAA (Mike P.)
→ Need to complete tasks this week

10:00 BBL perform site survey for IRM soil borings

30 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/6	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Rain
~55° F

08:00 BBL on site
Sligo on site
Safety Meeting
Equipment on site: DeConned Baker Tank
Sligo hand tools

R/O: (1) Non Haz

Site Observations:

- MS Area to be cleaned + topped
- TD angle iron forms removed
- " " " → grind down screw heads
- " " " → grind concrete
- " " " → fill voids w/ mortar
- TD stairs/ladders to be replaced
- Pipe trench → pipes removed per M. Clark (NMPC)
  ↳ Fill PT?
- Isolation joints to be cleaned + prep'ed
- TS stairwell & crack to be repaired
- Voids to be filled @ TS floor perimeter
- finish control joint @ TD south end
- TD sump grate to be installed

:00 Sligo crew removing pipes + formwork from Pipe trench

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/6	SHEET

DES. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:30 BBL talk w/ Barb Z. (NMPC)

- Rvw remaining schedule
- Discuss pipe trench
- Baker Tank wipe sample results:
  - NM-Baker - VW1 = 1.9 ug/100 cm²
    VW2 = 1.1 "
    VW3 = <1.0 "

→ Fax wipe results → AAA

10:00 BBL speak w/ J. McNamee (NMPC)

- Remove pipes @ trench → OK if innactive
- Mike Clark inspected pipes

BBL review schedule w/ Sligo

- Friday = Prep + clean joints
- Mon + Tues = Fill joints w/ sealant
- Mon + Tues = Topping @ MS
- Wed = Clean + DeMob → Sligo
- Wed = AAA restore V/H WSS
- Thu = Remove enclosure / Repair wall crack
- Fri = AAA clean + DeMob

10:30 Sligo off site

MCJ to contact J. Morgan → Pipe trench

[illegible]:30 Sligo back on site

- Cleaning out pipe trench

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/6	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

12:30 Sligo off site

BBL call Baker Tank (800) 742-7246

↳ Rochester (716) 436-6090
" " -6102 Fax
Dave Overtree

Wipe sample results must be <10ug/100 cm²

14:00 BBL review project documentation

14:30 BBL contact AAA (Mike P.)

- Review schedule for completing & remaining Work tasks
→ Schedule as presented above

15:30 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/9	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Sun
~40°F

08:30 BBL on site

Sligo on site

Safety Meeting

Equipment: Hand tools
Baker Tank

R/O: (1) Non Haz ~1/2 full

Site Observations:

- MS area to be cleaned + topped off
- TD wall / TS floor joints to be finished
→ Grind protrusions / fill voids
- Pipe Trench plates to be replaced
- Isolation joints to be sealed
- Finish sawcut control joint @ SW TS floor
- TD sump grate to be placed
- TS wall crack to be repaired
- V/HWSS to be restored

09:00 Sligo cleaning + prepping isolation joints @ TS

Kevin off site to obtain joint sealant

30 Kevin back on site w/ materials

- Joint sealant = Sikaflex 1A
- (1) case = (20) 20 oz. uni-pac sausages

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SUBJECT	PROJ. NO.	BY	DATE 10/9	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

11:00 Sligo begin placing joint sealant

- Sikaflex too cold, wont spread evenly
- Need to heat sealant to ~70°F prior to application

12:00 Sligo break for lunch

13:00 Sligo back on site

- Crew cleaning MS area
- Brushing debris & dust, collect w/ HEPA Vac
- 2ND attempt to place joint sealant
  → Sealant too thick, cold to spread evenly

14:00 Sligo off site

14:30 BBL review site for soil boring & monitoring well locations

16:30 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/10	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy
~40° F

07:00 BBL on site

Site Observations:

- Finish clean/prep @ MS area
- Grind screw heads @ TD angle iron
- Patch voids @ TD wall
- O/H door will not close → corner plate @ TD wall
- Restore pipe trench
- Install joint sealant over isolation
- TS wall crack to be repaired
- VHWSS to be restored
- Voids @ col. pads, perimeter to be repaired

08:00 AAA on site

Sligo on site

Safety Meeting

BBL review work tasks w/ AAA + Sligo

AAA	Sligo
VHWSS restore	Install joint sealant
Repair TS wall crack	Clean/prep MS area
Bollard sleeve @ TD	Install topping @ MS

00 Sligo cleaning/prep MS area
- Brooming & vacuuming debris from floor

Sligo installing joint sealant @ TS

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SUBJECT	PROJ. NO.	BY	DATE 10/10	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:30 Sligo request to use self-level joint sealant
↳ BBL to review acceptable substitute
↳ Sikaflex-1~~A~~SL
AAA forming berm wall @ VHTWSS

Sligo patching voids @ column pads

10:00 ~~Sligo~~ off site to obtain self-level sealant
KEVIN

11:00 Crew cleaning/prep MS area
- Removing dust/debris w/ vacuum
- Filling voids @ perimeter

Crew installing self-level joint sealant @ TS

12:00 Sligo break for lunch
AAA " " "

13:15 Sligo resume work tasks
- Installing joint sealant @ MS
- Cleaning MS area

14:30 Sligo installing bond coat @ MS area
- Dayton Superior Levelayer Bond (J-42)

15:30 Sligo off site

16:45 BBL off site

BBL
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SUBJECT	PROJ. NO.	BY	DATE 10/11	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Sun/Clouds
~45°F

07:00 BBL on site
Sligo on site

Safety Meeting

Site Observations:

- Bond coat applied @ MS Area
- Crack in TS wall partially repaired
- Steel plates reinstalled @ pipe trench
- Isolation joint sealant partially installed
→ Self-level does not appear to hold, drains into joint
- Dowels set @ VHWSS berm wall
- Forms partially set w/ I-beam braces

Equipment: Hand tools, concrete mixer

Tasks to Do:
- Trim poly @ MS at edges near floor
- " " " TS " " " "
- Repair crack in wall @ TS stairwell
- Install Sikaflex 1a + tool @ joints
- Install grate @ TD sump
- Install topping @ MS
- Remove concrete @ TD O/H door
- Set forms + pour concrete @ VHWSS

:00 AAA on site

BBL review work tasks w/ AAA + Sligo

BBL
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SUBJECT	PROJ. NO.	BY	DATE	SHEET
			10/11	

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

08:30 Sligo installing joint sealant @ TS

AAA placing forms @ V/H WSS

09:30 Sligo install steel plate @ MS

AAA pour concrete @ V/H WSS
- Forms set w/ I-beam braces
- Concrete mix = (7) 60lb. Quikrete + 25 lb. Portland + H2O
- Finish w/ trowel
- Rebar installed + grouted into exist. berm face

30 Sligo pour topping @ No. end of MS
- Topping elevation = surrounding floor elevation

AAA repairing crack in wall @ TS stairwell
- Corner of stairwell settled ~1"

AAA removing TS enclosure

11:15 AAA off site

Sligo cont. pour topping @ MS area

12:00 Sligo break for lunch

13:15 Sligo resume pouring topping @ MS central area

14:00 Sligo pour topping @ MS So. area

Sligo run out of topping + joint material

14:30 Sligo off site

16:00 BBL off site

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/12	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Thursday
Sun
~65°F

07:00 BBL on site
Sligo on site

Safety Meeting

Site Observations:

- Topping installed over ~ 2/3 MS area
- Steel plate installed over void
- (50)-50 lb. bags Levelayer topping used
- 1 case (20) Sikaflex / 1 case (20) Sika 1 SL used
- Crack @ TS stairwell repaired
- Settle crack remains
- Pipe trench complete w/steel plates
- Isolation joints need sealant installed
- Grate to be installed @ TD sump
- Concrete poured @ VHWSS berm wall

08:00 Kevin (Sligo) on site

Sligo begin pouring topping @ MS

08:30 BBL talk w/ Craig (Sligo) re: Quantities

- MS topping quant. more than spec
- Sligo to leave bags on site, BBL will verify

09:00 AAA on site
→ M. Pickering has ordered Baker Tank pickup

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SUBJECT	PROJ. NO.	BY	DATE 10/12	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

09:30 Sligo finish pouring MS area

(X) → 65 - (50lb) bags of topping used *

10:00 Nations Rent delivers GENIE Lift → AAA

- Lift used to access upper enclosure

Sligo begin installing joint sealant @ TD

11:00 AAA removing TS enclosure w/ GENIE Lift

Sligo installing joint sealant @ TD

Sligo install steel grate @ TD collection sump

12:00 AAA break for lunch
Sligo " " "

13:00 AAA resume work tasks
Sligo " " "

14:30 AAA off site
Sligo " "

15:00 BBL review documents → Closure Report

16:45 BBL off site

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/13	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Friday
Sun
~65°F

07:00 BBL on site

Site Observations:

- MS area topping system installed + dry
- Steel grate installed @ TD sump
- Joint sealant in place @ TD slab
- Enclosure removed @ TS
- Wall crack @ TS stairwell filled w/ mortar
- Bollard sleeve to be installed @ TD
- Forms to be removed @ WitWSS

07:30 Sligo on site

07:45 AAA on site

Safety Meeting

08:15 AAA ~~install~~ drill hole, bollard sleeve @ NW corner TD

Sligo sweeping/clearing debris from TS floor

Sligo crew installing joint sealant

09:00 AAA removing enclosure frame

AAA remove airlock, poly, framing
" dispose material → Non Haz R/O

10:00 AAA off site

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SUBJECT	PROJ. NO.	BY	DATE 10/13	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:00 Sligo installing joint sealant

10:30 NMPC personnel move steel bridge into TD
- Decking appears to fit neatly

→ NMPC to weld east ledger bearing plate

Sligo break → Kevin off site for materials

11:00 Nations Rent pickup (AAA) Genie Lift

BBL perform site survey @ NW parking lot

30 Sligo continue work tasks
- Install joint sealant
- Clean up & remove mat'ls

14:00 Sligo off site

15:00 BBL off site

BBL
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engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/16	SHEET

CKS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Monday
Rain
~50°F

08:00 BBL on site

Sligo on site

Safety Meeting

Site Observations:

- Topping installed @ MS area
- Steel plate bolt heads to be removed
- Bollard anchor sleeve to be installed
- Bollards & fencing to be installed @ TD area
- Joint sealant to be installed @ TS
- Ledger plate to be installed for TD steel deck
- TD ladders to be reinstalled
- Outside TD trench drain grating to be replaced
- Final cleaning, site restoration, DEMob to be completed

Sligo installing sealant compound @ TS

- Filling voids @ isolation joints near walls

09:30 Sligo off site to obtain materials

10:00 Sligo resume work tasks

- Remove anchor bolt heads @ MS steel plate
- Remove steel bracket @ TD O/H door

BBL
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engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/16	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:00 BBL talk w/AAA (Pickering) → Outstanding Work Tasks

- Review work tasks to be completed w/ Pickering
- Fax punchlist of tasks to AAA
- Stan to be on site today

10:30 BBL contact Sligo (Craig)

- Review work tasks w/ Craig
- Crew + materials to be on site tomorrow

11:00 Sligo off site

BBL talk w/ NMPC (Barb Z.) → Work Tasks

- TD fencing to be reinstalled
  ↳ Need additional bollards
- TD steel deck: Ledge plate to be welded @ angle iron on East side
- TD ladders to be reinstalled
- Cleanup + remove debris from site

11:45 Baker Tank pick-up & transport off site

12:45 AAA on site

BBL review work tasks w/ Dave (AAA)

AAA remove lumber from staging area

AAA remove forms @ VHWSS berm wall

14:15 AAA off site

14:30 BBL prep bottles, supplies for rinsate samples

17:00 BBL off site

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/17	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Tuesday
Cloudy
~55°F

07:00 BBL on site

Site Observations:

- MS floor surface to be smoothed
- Bollard sleeve @ TD to be installed
- Isolation joints to be finished
- TS floor area clean (remove pipes → R/O)
- Baker Tank off site
- Debris + materials staged outside TS

07:45 BBL walk/review site w/ NMPC (Barb E.)

- NMPC to obtain additional Bollards
- NMPC to install ledge plate for TD steel deck
- AAA to replace O/H door
- TO ladders staged outside
- AAA to reinstall exist. trench drain grating

08:30 BBL talk w/ Sligo (Craig)
- Crew will be here this AM

09:00 BBL collect rinsate samples @ VHWSS
- Collect PCB, VOC, SVOC, Metals samples from West area
- " " " " " " " East area

00 AAA on site
- 1 man/1 Truck, No tools
- Remove lumber from staging area

BBL
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engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/17	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

10:00 NMPL weld ledge plate @ TD No. end

10:15 BBL talk w/ M. Pickering (AAA)
- Need tools for site clean up + DeMob

10:30 AAA off site

11:30 Sligo on site
- BBL review work tasks w/ Kevin
  - Install bollard sleeve
  - Complete isolation joints
  - Cleanup debris + materials

12:00 AAA on site
- BBL review work tasks w/ AAA
  - Replace TD ladder
  - Remove mat'l, debris + cleanup site

12:30 Sligo installing bollard sleeve @ TD

Sligo installing joint sealant @ TS

AAA clean up, remove debris

13:30 AAA off site

14:00 Sligo off site

14:30 BBL collect rinsate samples @ VHWSS

17:00 AAA back on site
- Remove concrete + debris from yard → R/O

18:00 AAA off site
BBL off site

DDL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE 10/18	SHEET

CS. BY _____; DATE _____ CHECKED BY _____; DATE _____

Wednesday
Rain
~52°F

07:00 BBL on site

Site Observations:

- MS area topping installed
- Steel plate in place over MS void
- Bollard sleeve + bollard installed @ TD
- Safety Tape installed around TD
- Ledge plate in place (by NMPC) @ TD (for bridge)
- Joint sealant installed @ Isolation joints
- TS floor clear of mat'ls + debris
- TD O/H door stuck open → BBL inform J. McNamee
- Wood board in place over TD trench drain
- Mat'l + debris cleaned from staging areas
- Yard generally clean - debris removed
- (~8) CY of Solite LWA @ staging area
- Baker Tank removed off site
- Parratt Wolf DeCon pad set @ Stage area

R/O: (1) Non-Haz 30 CY - Full

08:30 BBL contact Sligo (Kevin)
- Sligo will be on site late AM

09:00 BBL pack rinsate samples from VITHISS

10:00 BBL review project documentation

14:00 Final Site Walk + ~~Rev~~ Project Review w/ Barb Z. + Jack H.

15:00 BBL off site

Appendix C - Tank Inspection Report

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Quality Inspection Services, Inc.

186 Warwick Ave. • P.O. Box 732 • Buffalo, New York 14215-0732
(716) 836-0131 • Fax (716) 836-9608
Visit Us At: www.qisi.com *E-Mail:* buffalo@qisi.com

Mr. Brian McKinsley
Blasland Bouck-Lee
6723 Towpath Rd.
P.O. Box 66
Syracuse,NY 13214

February 23 2000

Dear: Mr. McKinsley,

During the week of 2/14/00 an external / internal inspection was performed at Niagara Mohawk plant on the storage tank, CBS # 373-01. The vessel's capacity is 10,000 gallons. The inspection was conducted with the New York State Chemical Bulk Storage Inspection Code (NYSCBS) 6 NYCRR Parts 598 and 599 as the reference. The inspections were done to meet the five- (5) year time interval requirement of the NYSCBS.

Using API 653 as an acceptance criterion, the vessel is fit for continued service. The deficiencies, which were discovered during the above-mentioned inspection, are noted on the enclosed "Summary of Findings". The limiting remaining life of years was determined by the 's corrosion rate calculations. The next required inspection per the NYSCBS Code is (5) years (February 13, 2005) from the last date of this inspection.

If you have any questions or comments concerning this inspection, please feel free to contact me at (716) 836-0131

Sincerely,
Quality Inspection Services, Inc.

Shawn Whipple
American Petroleum Institute 653 Inspector
Certificate # 3198

File:/summary.wpd

318 North Morrison Street
Warren, Pennsylvania 16365
(814) 726-1988 • Fax (814) 726-7850

1322 Space Park, Suite A256
Houston, Texas 77058
(281) 335-7940 • Fax (281) 335-1931

P.O. Box 597
Nyack, New York 10960
(914) 645-6463

2659 Edison Avenue
Jacksonville, Florida 32204
(904) 387-5959 • Fax (904) 387-5912

6730 Myers Road
East Syracuse, New York 13057
(315) 431-4291 • Fax (315) 431-4292

PMB #309, 4 State Road
Media, Pennsylvania 19063
(610) 745-7423

AWS Sustaining Member

For Job Satisfaction - Think Quality

Vessel Non Conformance Report

NCR Number: 373-01-01	
Functional Location of Equipment: **Niagara Mohawk**	Equipment Master Number: **T-373-01**
Equipment Description: **Unknown**	
Reference Drawing:	

Description of Non Conformance(s):

1.) (599.11) Tank is not properly anchored to floor.
2.) (599.9) No secondary containment of transfer pumps.
3.) (599.13) Complete coating failure to vault containment.
4.) (599.13) (b) Some damage to piping protective coating

Inspections Performed By: Shawn Whipple	Title / Level: VT, UT Level II	Date: 2/15/2000

List of Attachments:

Non Conformance Reviewed By: Gary Kieley	Title: Report Development	Date: 2/22/2000

Recommended Action(s):

1.) Provide proper anchor bolts to vessel.
2.) Evaluate and provide secondary containment to transfer pumps.
3.) Clean prime and recoat interior of vault containment.
4.) Evaluate and repair piping protective coating failure.

Restricted Use Till Actions Complete: ☐ Yes ☐ No	Resulting Work Order:

Action Items Completed By:	Date:

Reviewed & Closed By:	Date:

Piping Non Conformance Report
Blasland Bouck-Lee

NCR Number:T-737-001	
Functional Location Of Equipment Niagara Mohawk	Equipment Master Number: T-373-01
Equipment Description: UNKNOWN	
Reference Drawing:	

Description of Non Conformance(s):
APPARENT INADEQUATE OR IMPROPER SUPPORT
Based on T-min. calculation (See attached) support spacing approaches or exceeds structural strength at support spacing(s).

Inspections Performed By: B.GEE	Title / Level: VT Level II	Date:02/15/2000

List of Attachments:
T-min. Calculation by:I.WORONIECKI AutoCAD Drawing: T-373-01 SH1 & SH2

Non Conformance Reviewed By Gary Kieley		Date02/21/2000

Recommended Action(s):
Evaluate existing support conditions and add appropriate support(s) as necessary for pipe size and locations.

Restricted Use Till Actions Complete: ☐ Yes ☐ No	Resulting Work Order:

Action Items Completed By:	Date:

Reviewed & Closed By:	Date:

Minimum Thickness Caicuiations

System Information

T-373-01 PIPING; APPARENT INADEQUATE OR IMPROPER SUPPORT
PIPING BASELINE T-MIN
CARBON STEEL

Pipe Size	Schedule
2	40

Outside Diameter	Wall Thickness	Inside Diameter
2.375	0.154	2.067

Insulation Material	Insulation Thickness

Fluid Type	Fluid Density (lbs/ft3)
UNKNOWN	62.43

Bending Moment, M (in-lbs): 6003.23843822813

Pipe Material	Corrosion Allowance (mils)
A53F	0.06

Total Weight per Foot		*Total Weight*	
Pipe Weight	3.65	Total Pipe Weight (lbs)	102.2
Insulation Weight (lbs/ft)		Total insulation Weight (lbs)	0
Fluid Weight (lbs/ft)	1.45479459033	Total Fluid Weight (lbs)	40.734248529241
Addt'l W/ft	0	Additional Weight (lbs)	
Total Weight per foot (lbs/ft)	5.10479459033004	Total Weight (lbs)	142.93424852

Length Between Supports	Design Stress	Bending Stress	Maximum I.D.	Structural tmin (in)
28	15000	22500	2.24415758	**0.190842410639377**

Operating Pressure, psi	Maximum Operating Temp. (F)	B31.3 Coefficient (Y)	Quality Factor	Pressure tmin
150	100	0.4	1	**0.07031437125**

Aboveground Storage Tank - Chemical Bulk Storage Inspection

Tank I.D.: T-373-01

NYSCBS#: Unknown

Tank Location: Niagara Mohawk

Tank Designation Name: T-373-01 10,000 Gallons

Regulatory Requirements	Compliance Status			Potential Deficiency	Recommended Implementation Action	Implementation Deadline	Comments
	YES	NO	N/A				
I. REGISTRATION							
1. Is the tank registered? (596.2)	X						
2. Is the Registration Certificate posted? (596.2(g))	X						
3. Is registration information current and correct? (596.2(g))	X						
4. Is the tank properly labeled? (596.2(h))	X						
5. Spill Prevention report completed and current as per (598.1(k))	X						
II. BULK STORAGE							
1. Does tank comply with NFPA No. 30 Section 2 - 6.6? (598.3)	X						
2. Are dikes designed to withstand damage and overtopping by 100-year flood? (598.3)	X						
3. Are procedures in place to specify flooding emergency procedures? (NFPA 30).	X						
III. SUBSTANCE TRANSFERS							
1. a. Are fill connections mated to prevent mixing of incompatible substances? (598.4(b)(7))	X						
1. b. Does the owner have written site procedures to prevent deliveries to the wrong tank? (598.4(b)(7))	X						
2. Are procedures/equipment in-place which prevents mixing of incompatible substances?(598.4(b)(7)	X						
3. Are fill and dispensing ports properly labeled? (598.4(b)(8).	X						
4. Are valves properly labeled? (598.4(b)(8))	X						
IV. FACILITY UPGRADING							
1.a Have aboveground tanks and pipes been upgraded per (598.5(b))?			X				
1.b Tank meets design standards set forth in (599.8(a)(b) and (c))?	X						
1.c Tank bottoms in contact with soil are cathodically protected? (599.8(d))			X				
1.d Tanks over 5,000 gallons have a manway? (599.8(e)).	X						
1.e Tanks protected from explosion? (599.8(h)).	X						
1.f. Tank has high level alarm or overfill protection equipment? (599.17(b)(1)(I)	X						
1.g Tank gauge in compliance with (599.17(b)(1)(iii)?	X						
1.h Valves, couplings and fill lines comply with 599.17 (b)(2)?	X						
1.i. Tank is protected from vacuum and over pressurization? (599.18)	X						

File: PSM0009

Aboveground Storage Tank - Chemical Bulk Storage Inspection

Tank I.D.: T-373-01

NYSCBS#: Unknown

Tank Location: Niagara Mohawk

Tank Designation Name: T-373-01 10,000 Gallons

	Regulatory Requirements	Compliance Status			Potential Deficiency	Recommended Implementation Action	Implementation Deadline	Comments
		YES	NO	N/A				
IV. FACILITY UPGRADING (cont.)								
2.a	Have aboveground piping systems been upgraded per (598.5(b)(2)?			X				
2.b	Pipes meet design standards set forth in (599.13(a))?	X						
2.c	Pipes in contact with soil are non-corrodible or cathodically protected as set forth in (599.13(b))?			X				
2.d	Was piping installed in accordance with (599.16)?							
3.	Does AST meet (598.5(b)(3)) per (599.8) or is it closed per (598.10(c))?	X						
4.	Secondary containment meets (598.5(c)) as set forth in (599.9)?	X						
5.	Do transfer stations have containment, which meet (598.5(d)) as set forth in (599.17(c))?	X						
6.	Are pumps and valves protected from leaks using one of the following (598.5(e))?	X						
6.a	Sealless or double seal valves are used?	X						
6.b	Owner has a pump / valve maintenance program?	X						
6.c	Pumps, valves have secondary containment?	X						
7.	Are water-soluble solids properly warehoused? (598.6(f))			X				
8.	Has the life expectancy of the tank and piping system been established as set forth in (598.7(d)) and (599.13(a))?		X					
V. INSPECTION OF ABOVEGROUND SYSTEMS								
1.	Are daily visual inspections performed as set forth in (598.7(a))?	X						
2.	Are monthly inspections performed as set forth in (598.7(b))?	X						
3.	Are comprehensive annual inspections performed as set forth in (598.7(c))?	X						
4.	Are tanks and pipes checked for structural soundness and wear every 5 years?	X						
5.	Are records maintained on items 2 through 4 above? (598.8)	X						

File: PSM0009

Aboveground Storage Tank - Chemical Bulk Storage Inspection

Tank I.D.: T-373-01

NYSCBS#: Unknown

Tank Location: Niagara Mohawk

Tank Designation Name: T-373-01 10,000 Gallons

	Regulatory Requirements	Compliance Status			Potential Deficiency	Recommended Implementation Action	Implementation Deadline	Comments
		YES	NO	N/A				
VI.	**MAINTENANCE / REPAIR**							
1.	Has (598.9(a), (b) or (c)) been met if required							
2.	Was an internal coating used and if so examined as per (598.9(d))		X					
3.	Are above ground tanks and pipes protected from corrosion? (598.9())	X						
4.	Was rupture disk(s) replaced with new one(s) within the last three (3) years? (598.9(f))			X				
5.	Vegetation in containment checked per (598.9(g))			X				
6.	Repaired equipment inspected as per (598.9(h))			X				
VII.	**CLOSURE**							
1.	Are tanks temporarily out-of-service?		X					
2.	Are temporarily out-of-service tanks properly closed? (598.10(b))			X				
3.	Are tanks permanently out-of-service?			X				
4.	Are permanently out-of-service tanks properly closes? (598.10(c))			X				

File: PSM0009

VESSEL EXTERNAL VISUAL

Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Equipment ID: Unknown
Vessel ID: 373-01
P & ID: N/A

Item	Yes/ CGL	No	N/A	Location	Comments
G0 Other (Explain)	2 3	X			
G1 Corrosion, light surface	2 3	X			
G2 Corrosion / Pitting - Slight	2 3	X			
G3 Corrosion / Pitting - Moderate	2 3	X			
G4 Corrosion / Pitting - Severe	2 3	X			
G5 Corrosion / Pitting - Perforations	2 3	X			
G6 Inactive Corrosion, painted over (describe)	2 3	X			
G7 Protective coating / failure	2 (3)				Coating is chipped in some areas.
G8 Relief Device Deficiencies (explain)	2 3		X		
G9 Broken gauge or site glass	2 3	X			
G10 Rupture disk gauge indicating a pressure	2 3		X		
S0 Other (explain)	2 3	X			
S1 Support structure deficiencies	2 3	X			
S2 Defective anchor bolts	2 3		X		Not bolted to carbon steel dike.
S3 Davit support deficiencies (explain)	2 3	X			
S4 Foundation cracking, spalling or settling	2 3	X			
S5 Fireproofing damage	2 3		X		
S6 Corrosion between Lug/Repad Plate & Shell	2 3	X			
E0 Other (explain)	2 3	X			
E1 Loose connections	2 3	X			
E2 No ground connections	2 3	X			
E3 Conduit damage	2 3	X			

Notes: Any item answered "No" indicated: A no problem. Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling "2" or "3" in the column marked "Yes/CGL". CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage or deterioration was observed and requires further evaluation. VI-1, VI-2, etc will usually identify the location; where VI-1 is indicated on attached drawing. Additional comments on attached page; as necessary.

MECHANICAL INTEGRITY INSPECTION FORM

VESSEL EXTERNAL VISUAL

Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Equipment ID: Unknown
Vessel ID: 373-01
P & ID: N/A

Item	Yes/ CGL	No	N/A	Location	Comments
N0 Other (Explain)	2 3	X			
N1 Reinforcing pad weepholes (explain)	2 3		X		
N2 Flange bolting deficiencies (explain)	2 3	X			
N3 Flange Leaking	2 3	X			
N4 Dissimilar flange rating	2 3	X			
W0 Other (explain)	2 3	X			
W1 Support damage	2 3	X			
W2 Handrail deficiencies	2 3	X			
W3 Stumbling hazards	2 3	X			
I0 Other (explain)	2 3		X		
I1 Weather jacket damage	2 3		X		
I2 Insulation damage	2 3		X		
I3 Inadequate or deteriorated joint caulking	2 3		X		
I4 Signs of possible corrosion at penetrations or damage areas	2 3		X		

Notes: Any item answered "No" indicated: A no problem. Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling "2" or "3" in the column marked "Yes/CGL". CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage or deterioration was observed and requires further evaluation. VI-1, VI-2, etc will usually identify the location; where VI-1 is indicated on attached drawing. Additional comments on attached page; as necessary.

FORM: PSM0010

MECHANICAL INTEGRITY INSPECTION FORM

VESSEL INTERNAL VISUAL

Inspector: **Bill Gee**
Company: **Niagara Mohawk**
Date: **2/15/200**

Equipment ID: **Unknown**
Vessel ID: **373-01**
P & ID: **N/A**

	Item	Yes/ CGL	No	N/A	Location				Comments
ENERAL									
G0	Other (Explain)	(2) 3							On tank various small spots c.f.
G1	Corrosion, light surface	2 3	X						
G2	Corrosion/Pitting - Slight	2 3	X						
G3	Corrosion/Pitting - Moderate	2 3	X						
G4	Corrosion/Pitting - Severe	2 3	X						
G5	Corrosion/Pitting - Perforations	2 3	X						
G6	Crack	2 3	X						
G7	Distortion, Bulges or Warpage	2 3	X						
ams and Interfaces									
S0	Other (Explain)	(2) 3							Scales on interior stiffers.
S1	Shell to head weld problem	2 3	X						
S2	Shell girth weld problem	2 3	X						
S3	Shell longitudinal weld problem	2 3	X						
S4	Liquid level corrosion	2 3	X						
ozzles, Couplings and other Connections									
N0	Other (Explain)	2 3							
N1	Nozzle weld problem	2 3	X						
N2	Coupling weld problem	2 3	X						

otes:

Any item answered "No" indicated: A no problem.

Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling "2" or "3" in the column marked Yes/CGL. CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage deterioration was observed and requires further evaluation.

The location will usually be identified by VI-1, VI-2, etc.; where VI-1 is indicated on attached drawing

Additional comments or multiple locations on attached page; as necessary.

MECHANICAL INTEGRITY INSPECTION FORM

VESSEL INTERNAL VISUAL

Inspector: **Bill Gee** Equipment ID: **Unknown**

Company: **Niagara Mohawk** Vessel ID: **373-01**

Date: **2/15/200** P & ID: **N/A**

	Item	Yes/ CGL	No	N/A (3)	Location				Comments
L0	Other (Explain)	2 3	X						
L1	Non-metallic coatings with holidays, cracking, blistering or discoloring	2 3	X						
L2	Metallic lining with bulges and/or weld cracking	2 3	X						
L3	Concrete or refracting type linings with softening, cracking or spalling]	2 3	X						
E0	Other (Explain)	2 3		X					
E1	Deterioration to demisters, screens or grids and associated hardware	2 3		X					
E2	Deterioration to spargers, impingement plates or vortex breakers	2 3		X					
E3	Tray deficiency (loose connections, corrosion, tray, upset, etc.)	2 3		X					
E4	Chimney to chimney tray weld deficiencies	2 3		X					
E5	Exchanger tube bundle and/or tubesheet deficiencies	2 3		X					
E6	Tray support rings and clips	2 3		X					
E7	Down comer deficiency	2 3		X					

otes: Any item answered "No" indicated: "No Problem"

Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling "2" or "3" in the column marked Yes/CGL. CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage or deterioration was observed and requires further evaluation.

The location will usually be identified by VI-1, VI-2, etc.; where VI-1 is indicated on attached drawing

Additional comments or multiple locations on attached page as necessary.

Form:PSM0014

MECHANICAL INTEGRITY INSPECTION FORM

VESSEL INTERNAL VISUAL

ector: **Bill Gee**

pany: **Niagara Mohawk**

Date: **2/15/200**

Equipment ID: **Unknown**

Vessel ID: **373-01**

P & ID: **N/A**

em	Location	Comments

Ancillary Equipment

VISUAL EXTERNAL INSPECTION CHECKLIST

Description: 373-01 **Report No.:**

Inspector: Bill Gee **Equipment No.:** Unknown

Company: Niagara Mohawk **P&ID:** N.A

Date: 2/15/2000 **Unit:**

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4)			Location (5)	Comments (6)
					type	cond.	active		
SAFETY									
S0	Other (Explain)	2 3		X	NGLP	1 2 3	Y/N		
S1	Personnel protection damaged or missing (Coupling Guard, Insulation)	2 3		X	NGLP	1 2 3	Y/N		
S2	Working surface, platforms and ladder problems	2 3	X		NGLP	1 2 3	Y/N		
S3	Fire detection system, gas detection PSV's defective or missing	2 3	X		NGLP	1 2 3	Y/N		
S4	Alarm/Shutdown systems problems	2 3	X		NGLP	1 2 3	Y/N		
S5	Inadequate lighting	2 3	X		NGLP	1 2 3	Y/N		
FOUNDATIONS & SUPPORTS									
F0	Other (Explain)	2 3	X		NGLP	1 2 3	Y/N		
F1	Cracking, spalling, settling or signs of steel reinforcement corrosion	2 3	X		NGLP	1 2 3	Y/N		
F2	Grout - voids under base plate, cracked, loose, oil soaked deterioration by product leakage (Explain)	2 3	X		NGLP	1 2 3	Y/N		
F3	Base plate and anchor bolt problem	2 3	X		NGLP	1 2 3	Y/N		
F4	Drainage or containment problem	2 3	X		NGLP	1 2 3	Y/N		

Notes:

1. Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling "2" or "3". CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage deterioration was observed and requires further evaluation.
2. Any item answered "No" indicated: "no problem" was observed.
3. Any item marked "N/A" means that the item was "Not Applicable" to the specific equipment being inspected.
4. Corrosion: Each column should be addressed per item line. Mark as "Type": "N" = No Corrosion Observed. "G" = Generalized Corrosion - Condition applicable to large area on component. "L" - Localized Corrosion - Condition specific to a small area on component. "P" = Pitting - Mark "Conditions" "1" = Light or initial rust or oxidation. "2" = Moderate (ie: Light scaling) with no significant wall loss, "3" = Severe (ie. layered flaking) with significant wall lost indicate for "Y/N" = "Y" indicates that the observed corrosion is "Active" at time of inspection, and "N" = corrosion is "Inactive".
5. Location – will usually be identified by VI-1, VI-2, etc. where VI-1 is indicated on an attached drawing, and may not represent more than one physical location per component.

VISUAL EXTERNAL INSPECTION CHECKLIST

Description: 373-01
Report No.:
Inspector: Bill Gee
Equipment No.: Unknown
Company: Niagara Mohawk
P&ID: N.A
Date: 2/15/2000
Unit:

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4) type	Corrosion (4) cond.	Corrosion (4) active	Location (5)	Comments (6)
FLANGES, VALVES and HOSES									
P0	Other (Explain)	2 3	X		NGLP	1 2 3	Y/N		
P1	Pipe Supports / anchor / guide problems	(2) 3			NGLP	1 2 3	Y/N		See dwg. Of piping for location.
P2	Improper or missing bolting	2 3	X		NGLP	1 2 3	Y/N		
P3	Flange alignment problem	2 3	X		NGLP	1 2 3	Y/N		
P4	Gaskets (poor condition/wrong type)	2 3	X		NGLP	1 2 3	Y/N		
P5	Valves (condition/wrong specification)	2 3	X		NGLP	1 2 3	Y/N		
P6	Vent/Drain opening plugs missing	2 3	X		NGLP	1 2 3	2 3		
P7	Piping - Strain on equipment	2 3	X		NGLP	1 2 3	2 3		
P8	Leaks observed (Explain)	2 3	X		NGLP	1 2 3	2 3		
LEVEL CONTROL AND INSTRUMENT/ELECTRICAL									
I0	Level control automatic	2 3	X		NGLP	1 2 3	Y/N		
I1	Machinery ground connections loose or missing	2 3	X		NGLP	1 2 3	2 3		
I2	Rigid conduit binding motor	2 3	X		NGLP	1 2 3	2 3		
I3	Conduit problem loose or broken	2 3	X		NGLP	1 2 3	2 3		
I4	Start/Stop switches problem	2 3	X		NGLP	1 2 3	2 3		
I5	Suction/discharge pressure gauge problems	2 3	X		NGLP	1 2 3	2 3		
I6	Burnt odors are present form electrical	2 3	X		NGLP	1 2 3	2 3		
I7	Tank is equipped with a High level Alarm	(2) 3			NGLP	123	2 3		
I8	High level alarms set at 95% tank volume	(2) 3			NGLP	123	2 3		
I9	Tank Alarms are audible & visible	(2) 3			NGLP	123	2 3		

VISUAL EXTERNAL INSPECTION CHECKLIST

Description: 373-01
Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Report No.:
Equipment No.: Unknown
P&ID: N.A
Unit:

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4) type	Corrosion (4) cond.	Corrosion (4) active	Location (5)	Comments (6)
FLANGES, VALVES AND HOSES									
P0	Other (Explain)	2 3	X		NGLP	1 2 3	Y/N		
P1	Pipe Supports / anchor / guide problems	(2) 3			NGLP	1 2 3	Y/N		See dwg. Of piping for location.
P2	Improper or missing bolting	2 3	X		NGLP	1 2 3	Y/N		
P3	Flange alignment problem	2 3	X		NGLP	1 2 3	Y/N		
P4	Gaskets (poor condition/wrong type)	2 3	X		NGLP	1 2 3	Y/N		
P5	Valves (condition/wrong specification)	2 3	X		NGLP	1 2 3	Y/N		
P6	Vent/Drain opening plugs missing	2 3	X		NGLP	1 2 3	2 3		
P7	Piping - Strain on equipment	2 3	X		NGLP	1 2 3	2 3		
P8	Leaks observed (Explain)	2 3	X		NGLP	1 2 3	2 3		
LEVEL CONTROL AND INSTRUMENT/ELECTRICAL									
I0	Level control automatic	2 3	X		NGLP	1 2 3	Y/N		
I1	Machinery ground connections loose or missing	2 3	X		NGLP	1 2 3	2 3		
I2	Rigid conduit binding motor	2 3	X		NGLP	1 2 3	2 3		
I3	Conduit problem loose or broken	2 3	X		NGLP	1 2 3	2 3		
I4	Start/Stop switches problem	2 3	X		NGLP	1 2 3	2 3		
I5	Suction/discharge pressure gauge problems	2 3	X		NGLP	1 2 3	2 3		
I6	Burnt odors are present form electrical	2 3	X		NGLP	1 2 3	2 3		
I7	Tank is equipped with a High level Alarm	(2) 3			NGLP	123	2 3		
I8	High level alarms set at 95% tank volume	(2) 3			NGLP	123	2 3		
I9	Tank Alarms are audible & visible	(2) 3			NGLP	123	2 3		

VISUAL EXTERNAL INSPECTION CHECKLIST

Description: 373-01 Report No.:
Inspector: Bill Gee Equipment No.: Unknown
Company: Niagara Mohawk P&ID: N.A
Date: 2/15/2000 Unit:

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4) type	Corrosion (4) cond.	Corrosion (4) active	Location (5)	Comments (6)
Rotating equipment									
M0	Missing external Ground	2 3	X		NGLP	1 2 3	Y/N		
M1	Abnormal operation or cavitation	2 3	X		NGLP	1 2 3	Y/N		
M2	Vibration and noise	2 3	X		NGLP	1 2 3	Y/N		
M3	Equipment operating at High temperature Give location	2 3	X		NGLP	1 2 3	Y/N		
M4	Equipment external corrosion	2 3	X		NGLP	1 2 3	Y/N		
M5	Cracking (Explain)	2 3	X		NGLP	1 2 3	Y/N		
M6	Leaks location (seals, packing, gaskets, valves)	2 3	X		NGLP	1 2 3	2 3		
M7	Lubrication contamination	2 3	X		NGLP	1 2 3	2 3		
M8	Insulation damage	2 3		X	NGLP	1 2 3	2 3		No insulation.
M9	Misalignment of equipment	2 3	X		NGLP	1 2 3	2 3		
PRESSURE RELIEF VALVES									
V1	Improper valve installed (ie wrong size pressure etc.	2 3		X	NGLP	1 2 3	Y/N		
V2	Valve installation problem	2 3		X	NGLP	1 2 3	Y/N		
V3	Seal broken that protect spring setting	2 3		X	NGLP	1 2 3	Y/N		
V4	Valve leaking	2 3		X	NGLP	1 2 3	Y/N		
V5	Bellows not vented or closed	2 3		X	NGLP	1 2 3	Y/N		
V6	Valve body drains closed	2 3		X	NGLP	1 2 3	Y/N		
V7	Lifting lever located in operable position	2 3		X	NGLP	1 2 3	Y/N		
V8	Foreign objects limiting movement of exposed valve spring assemblies	2 3		X	NGLP	1 2 3	Y/N		
V9	Valve vibrating	2 3		X	NGLP	1 2 3	Y/N		
V10	Valve replaced in last three years	2 3		X	NGLP	1 2 3	Y/N		
V11	Set pressure of valve higher than vessel M.A.W.P.	2 3		X	NGLP	1 2 3	Y/N		

VISUAL EXTERNAL INSPECTION CHECKLIST

Description: 373-01
Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Report No.:
Equipment No.: Unknown
P&ID: N.A
Unit:

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4)			Location (5)	Comments (6)
					type	cond.	active		
RUPTURE DISKS/FLAME ARRESTERS/VACUUM VENTS									
D0	Other (Explain)	2 3		X	NGLP	1 2 3	Y/N		
D1	Rupture disk installation problems	2 3		X	NGLP	1 2 3	2 3		
D2	Incorrect rupture disk installed	2 3		X	NGLP	1 2 3	2 3		
D3	Device ruptured or leaking	2 3		X	NGLP	1 2 3	2 3		
D4	Burst pressure set greater than associated PSV	2 3		X	NGLP	1 2 3	2 3		
D5	Pressure gauge between RD and PSV broken	2 3		X	NGLP	1 2 3	2 3		
D6	Other (Explain)	2 3		X	NGLP	1 2 3	Y/N		
D7	Discharge obstructions	2 3		X	NGLP	1 2 3	2 3		
D8	Disks or pallets stuck	2 3		X	NGLP	1 2 3	2 3		
D9	Seat or seal stuck or leaking	2 3		X	NGLP	1 2 3	2 3		
D10	Flame arrester fouled	2 3		X	NGLP	1 2 3	2 3		
D11	Protective screens damaged	2 3		X	NGLP	1 2 3	2 3		
D12	Hinge or hinge pin problem	2 3		X	NGLP	1 2 3	2 3		
D13	Gaskets leaking	2 3		X	NGLP	1 2 3	2 3		
D14	Bolting problems	2 3	X		NGLP	1 2 3	2 3		
A1	Stop valve locking device problem	2 3	X		NGLP	1 2 3	Y/N		
A2	Stop valves throat area problems (restrictive)	2 3	X		NGLP	1 2 3	Y/N		
A3	Gaskets installation problem	2 3	X		NGLP	1 2 3	Y/N		
A4	Flange bolting problem	2 3	X		NGLP	1 2 3	Y/N		
A5	Dissimilar flange rating	2 3	X		NGLP	1 2 3	Y/N		
A6	Vent stack drain hole plugged	2 3		X	NGLP	1 2 3	2 3		
A7	Vent or discharge piping support problem	2 3		X	NGLP	1 2 3	2 3		
A8	Environmental vent plug installation problem	2 3		X	NGLP	1 2 3	Y/N		

VISUAL EXTERNAL INSPECTION CHECKLIST

Description: 373-01
Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Report No.:
Equipment No.: Unknown
P&ID: N.A
Unit:

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4)			Location (5)	Comments (6)
					type	cond.	active		
[illegible]									
A9	Vent upstream of block valve and PSV or RD plugged	2 3		X	NGLP	1 2 3	2 3		
A10	Discharge obstruction	2 3		X	NGLP	1 2 3	2 3		

PIPING - VISUAL EXTERNAL CHECKLIST

Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Equipment No.:
Vessel ID: 373-01
P&ID: N/A

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4) type	Corrosion (4) cond.	Corrosion (4) active	Location (5)	Comments (6)
GENERAL									
G0	Other (Explain)	2 3	X		NGLP	1 2 3	Y/N		
G1	Inactive corrosion, painted over (Describe)	2 3	X		NGLP	1 2 3	Y/N		
G2	Wear damage	2 3	X		NGLP	1 2 3	Y/N		
G3	Soil/air interface problem (Explain)	2 3		X	NGLP	1 2 3	Y/N		
G4	Protective coating failure	(2) 3			NGLP	(1) 2 3	Y (N)		At welded joints 2" and 3" 2" piping mild corrosion.
G5	Expansion joint problem (Explain)	2 3		X	NGLP	1 2 3	Y/N		
G6	Excessive vibration or pulsation	2 3		X	NGLP	1 2 3	Y/N		
G7	Temporarily repaired Sections:	2 3		X	NGLP	1 2 3	Y/N		
G8	Contains Out of Specification Materials:	2 3		X	NGLP	1 2 3	Y/N		
G9	Hose Deficiencies:	2 3		X	NGLP	1 2 3	Y/N		
G10	Color Coding Incorrect:	2 3	X		NGLP	1 2 3	Y/N		
G11	PID Inaccuracies:	2 3		X	NGLP	1 2 3	Y/N		No P&ID'S
G12	Thickness Measurement Deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
SUPPORTS & FOUNDATIONS									
S0	Other (Explain)	2 3	X		NGLP	1 2 3	Y/N		
S1	Pipe shoes off support structure	2 3	X		NGLP	1 2 3	Y/N		
S2	Support structure problem (Explain)	2 3	X		NGLP	1 2 3	Y/N		
S3	Defective hanger or bracket (Explain)	(2) 3			NGLP	1 2 3	Y/N		See DWG.
S4	Drainage or containment problem	2 3	X		NGLP	1 2 3	Y/N		
S5	Defective anchor	2 3	X		NGLP	1 2 3	Y/N		
S6	Apparent inadequate or improper support	(2) 3			NGLP	1 2 3	Y/N		See DWG.
S7	Support or dummy leg problem (Explain)	2 3	X		NGLP	1 2 3	Y/N		
S8	Excessive Piping Stress	2 3	X		NGLP	1 2 3	Y/N		

Notes:

1. Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling A2" or A3". CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage deterioration was observed and requires further evaluation.
2. Any item answered "No" indicated: A no problem was observed.
3. Any item marked "N/A" means that the item was "Not Applicable" to the specific equipment being inspected.
4. Corrosion: Each column should be addressed per item line. Mark as "Type": "N" = No Corrosion Observed. "G" = Generalized Corrosion - Condition applicable to large area on component. "L" - Localized Corrosion - Condition specific to a small area on component. "P" = Pitting - Mark "Conditions" "1" = Light or initial rust or oxidation. "2" = Moderate (i.e.: Light scaling) with no significant wall loss, "3" = Severe (i.e. layered flaking) with significant wall lost indicate for "Y/N" = "Y" indicates that the observed corrosion is "Active" at time of inspection, and "N" = corrosion is "Inactive".
5. Location - will usually be identified by VI-1, VI-2, etc. where VI-1 is indicated on an attached drawing, and may not represent more than one physical location per component.

PIPING - VISUAL EXTERNAL CHECKLIST

Inspector: Bill Gee
Company: Niagara Mohawk
Date: 2/15/2000

Equipment No.:
Vessel ID: 373-01
P&ID: N/A

Item	Item Description	Yes/ CGL (1)	No (2)	N/A (3)	Corrosion (4)			Location (5)	Comments (6)
					type	cond.	active		
V0	Other (Explain)	2 3	X		NGLP	1 2 3	Y/N		
V1	Leakage (Describe)	2 3	X		NGLP	1 2 3	Y/N		
V2	Improper or missing bolting	2 3			NGLP	1 2 3	Y/N		
V3	Small branch problems (Explain)	2 3	X		NGLP	1 2 3	Y/N		
V4	Dissimilar flange ratings	2 3	X		NGLP	1 2 3	Y/N		
V5	Sight/Level Glass Indicator Deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
V6	Press/Temp/Flow/Level Switch Deficiencies	2 3	X		NGLP	1 2 3	Y/N		
V7	Unsafe/Inadequate Access to Valves:	2 3	X		NGLP	1 2 3	Y/N		
V8	Incomplete Valve Assemblies:	2 3	X		NGLP	1 2 3	Y/N		
V9	Improperly installed or supported valve operator assemblies:	2 3	X		NGLP	1 2 3	Y/N		
V10	Specialty Device deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
V11	Defective or inoperable valve operators:	2 3	X		NGLP	1 2 3	Y/N		
V12	Actuated Spring Return Valve deficiencies	2 3	X		NGLP	1 2 3	Y/N		
V13	Check Valve Deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
V14	Strainer/Filter Deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
V15	PRV Deficiencies:	2 3		X	NGLP	1 2 3	Y/N		
V16	Flange/Coupling Deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
V17	Rotameters of Sight Flow Indicator Deficiencies:	2 3	X		NGLP	1 2 3	Y/N		
INSULATION									
I0	Other (Explain)	2 3		X	NGLP	1 2 3	Y/N		
I1	Weather Jacket damage	2 3		X	NGLP	1 2 3	Y/N		
I2	Insulation and jacket damage	2 3		X	NGLP	1 2 3	Y/N		
I3	Inadequate or deteriorated joint caulking	2 3		X	NGLP	1 2 3	Y/N		
I4	Signs of possible corrosion at penetration	2 3		X	NGLP	1 2 3	Y/N		

Notes:

1. Any item answered "Yes" indicates a potential problem and the inspector should indicate a Condition Grade Level (CGL) by circling "2" or "3". CGL 2 means component is serviceable but some damage or deterioration was observed. CGL 3 means damage deterioration was observed and requires further evaluation.
2. Any item answered "No" indicated: A no problem was observed.
3. Any item marked "N/A" means that the item was A Not Applicable to the specific equipment being inspected.
4. Corrosion: Each column should be addressed per item line. Mark as "Type": "N" = No Corrosion Observed. "G" = Generalized Corrosion - Condition applicable to large area on component. "L" Localized Corrosion - Condition specific to a small area on component. "P" = Pitting - Mark "conditions" "1" = Light or initial rust or oxidation. "2" = Moderate (i.e.: Light scaling) with no significant wall loss, "3" = Severe (i.e. layered flaking) with significant wall lost indicate for "Y/N" = "Y" indicates that the observed corrosion is "Active" at time of inspection, and "N" = corrosion is "Inactive".
5. Location - will usually be identified by VI-1, VI-2, etc. where VI-1 is indicated on an attached drawing, and may not represent more than one physical location per component.

MECHANICAL INTEGRITY INSPECTION FORM

Secondary Containment -Visual Inspection

Inspector: Bill Gee / Shawn Whipple
Company: Niagara Mohawk
Date: 2/15/2000

Equipment ID:
Vessel ID: 373-01

	Item	Yes	No	N/A	Location	Comments
	Storage Tank					
	Transfer Station					
Information						
1	Style of Containment (599.9(a)(1))					
1a	Dike					
1b	Curb					
1c	Berm					
1d	(60 mils thk- minimum for synthetic material) Liner					
1e	Vault					
1f	Double Wall Tank					
1g	Integral Diking System					
1h	Remote Impoundment					
1i	Building (floor including trenches, sumps)					
1j	other (describe)	X				C/S vault
2	Material of Construction reviewed (599.9(a)(2)(iv))	X				
3	Containment Plan Drawing obtained	X				
4	Flood Plain Area (FEMA Map obtained/reviewed)		X			Unknown
5	Adequate Capacity of Containment (110% of cap. of largest tank or manifolded tanks) (599.9(a)(2)(vii))	X				
5a	Capacity Calculation Done	X				
5b	How many tanks in containment area?	2				
5c	Note capacity of tank #1	9,000			gallons	
	Note capacity of tank #2	9,000			gallons	
	Note capacity of tank #3	N/A			gallons	
	Total capacity of other tanks	18,000			gallons	
6	Are pumps and valves within containment system?	X				
7	Evidence of Previous Release?		X			Pumps-no some valves-yes
8	Evidence of Previous Repairs Performed?		X			

MECHANICAL INTEGRITY INSPECTION FORM

Secondary Containment -Visual Inspection

Inspector: Bill Gee / Shawn Whipple **Equipment ID:**

Company: Niagara Mohawk **Vessel ID:** 373-01

Date: 2/15/2000

	Item	Yes	No	N/A	Location	Comments
General Requirements for Dikes						
11	Permeability rate to the substance stored of $1x10^{-6}$ or less (599.9(a)(2)(i))	X				
11a	Are containment surfaces continuous and free of discontinuities?	X				
11b	Are joints of the containment area sealed correctly	X				
11c	Is a coating used for containment?	X				
11d	If yes to 11e, is coating in acceptable shape?		X			CCF inside of vault
12	Design prevents any migration of hazardous substances out of system to the soil, groundwater or surface water before clean up occurs (599.9(a)(2)(ii))	X				
13a	Containment protects storage tanks from vehicular traffic (599.9(a)(1))	X				
13b	Containment protects steel tanks from fire (599.9(a)(1))	X				
13c	Containment protects storage tanks from spills of incompatible substances which might occur in adjacent storage or work areas (599.9(a)(1))	X				
14a	Overfills within containment system (599.9(a)(2)(iii))			X		
14b	Overfills are directed to another appropriate collection device (599.9(a)(2)(iii))			X		
15	Compatibility of material of containment construction, coating or lining with the substance stored and the environment verified (599.9(a)(2)(iv))	X				
16	Containment system placed on a foundation which prevents settlement, compression or uplift (599.9(a)(2)(v))	X				
17a	Containment equipped with a sump and manually controlled method of drainage to permit the drainage of liquids resulting from leaks, spills or precipitation (599.9(a)(2)(vi))		X			
17b	Control of the pump, siphon or valve is outside of the diked area (599.9(a)(2)(vi))	X				

Notes: V-1, V-2, etc will usually identify the location; where V-1 is indicated on attached drawing.
Additional comments on attached page; as necessary.

Comments:

Secondary Containment -Visual Inspection

Inspector: Bill Gee / Shawn Whipple

Company: Niagara Mohawk

Date: 2/15/2000

Equipment ID:

Vessel ID: 373-01

Secondary Containment -Visual Inspection

Inspector: Bill Gee / Shawn Whipple

Company: Niagara Mohawk

Date: 2/15/2000

Equipment ID:

Vessel ID: 373-01

	Item	Yes	No	N/A	Location	Comments
Standards for dike and impoundment systems						
21	Is floor subject to hydraulic pressure? (599.9(b)(2))		X			
21a	If yes to item 21, is floor designed to prevent migration of moisture into dike system? (599.9(b)(2))					
22	If yes given to item 4, is dike designed to withstand structural damage and overtopping by a one-hundred (100) year flood? (599.9(b)(3))					
23	Is floor sloped not less than one (1) percent away from the tank? (599.9(b)(4))		X			
24	Outside base of the dike at ground level is no closer than ten (10) feet to any property line? (599.9(b)(5))	X				
25	Does average height of dike wall exceed six (6) feet above interior grade? (599.9(b)(6))	X				
25a	If yes to item 25, are provisions made for safe access and egress to tanks, valves and other equip? (599.9(b)(6))	X				
26	See item 5b. Do tank(s) contain flammable, combustible or unstable hazardous liquid? (599.9(b)(7))	X				Flammable
26a	If yes to item 26, is dike area subdivided pursuant to NFPA No. 30, section 2.3.4.3(g) (599.9(b)(7))		X			
27	Is dike system constructed in accordance with NFPA No. 30, section 2.3.4.3 (599.9(b)(1))	X				
Standards for remote impoundment systems						
31						

Notes: V-1, V-2, etc will usually identify the location; where V-1 is indicated on attached drawing.
Additional comments on attached page; as necessary.

Comments:

BLASLAND BOUCK-LEE MECHANICAL INTEGRITY VESSEL INSPECTION
BY
QUALITY INSPECTION SERVICES

PVCalc Component Summary Report

(Thickness in Inches, Pressure in lb/in²) Report Date: 02/22/2000 14:10:24

Vessel Name:
Vessel Desc:
Unit: T-373-01
Eq/Circ ID: T-373-01-TANK
Section Name:
Eq Type: VESSEL Description:
Class: CBS TANK 373-01
RBI: 5E

Year Built: 1990
Other Side:
Corrosion Allowance: 0.0000
Pressure: 1.0
Temperature: 100

Anal No.	Component Description	Last Inspection	Req. Thick	MAWP	Inspection Due	Retirement Due
01	T-373-01-SHELL	02/15/2000	0.024	47	02/14/2005	02/14/2025
02	T-373-01-NORTH HEAD	02/15/2000	0.160	7	02/14/2005	11/29/2014
03	T-373-01-SOUTH HEAD	02/15/2000	0.160	7	02/14/2005	11/29/2014

PRESSURE VESSEL CALCULATIONS
Unit:T-373-01 Eq/Circ ID:T-373-01-TANK
01 Cylindrical Shell
02/22/2000 14:59:45

VESSEL NAME: VESSEL DESC:T-373-01 SHELL DESIGN CONDITION

PRESSURE VESSEL CALCULATIONS
Unit:T-373-01 Eq/Circ ID:T-373-01-TANK
01 Cylindrical Shell
02/22/2000 14:59:45

---

01 Cylindrical Shell : T-373-01-SHELL DESIGN CONDITION

DESIGN PRESSURE: 1 PSI
MAXIMUM DESIGN TEMPERATURE: 100 DEGREES F
YEAR BUILT: 1990

COMPONENT SUMMARY	ACTUAL THK	- RQD THK	= REMAINING CALC CA	MAWP (NO CA)	STRESS
T-373-01-SHELL	0.249	0.024	0.225	47.5	

INPUT DATA SUMMARY

T-373-01-SHELL

SHEL OD	SHEL TK	S	SRF	E
120.000	0.249	17800.	1.00	0.70

INTERMEDIATE ANSWERS

*** FOR T-373-01-SHELL ***

ANALYSIS 1, STEPS 6 - 7

ts = 0.2490 DIs = 119.502 R = 59.7510 X = 4797.100

P = 5.000

ANALYSIS 1, STEPS 8 - 10

tr = 0.0240 R/2 = 29.8755 MAWP1 = 51.795

MAWP = 51.795

PRESSURE VESSEL CALCULATION
UNIT:CBS Eq/Circ ID:T-373-01

02/02/2000

VESSEL NAME: VESSEL DESC: T-373-01 NORTH HEAD ASSUMED CONDITION

PRESSURE VESSEL CALCULATION
UNIT:CBS Eq/Circ ID:T-373-01

02/02/2000

T-373-01 NORTH HEAD ASSUMED CONDITION

DESIGN PRESSURE: 1 PSI
MAXIMUM DESIGN TEMPERATURE: 100 DEGREES F
YEAR BUILT: 1990

COMPONENT SUMMARY	ACTUAL THK	- RQD THK	= REMAINING CALC CA	MAWP (NO CA)	STRESS
T-373-01 NORTH HEAD	0.251	0.16	0.091	7	17800

INPUT DATA SUMMARY

T-373-01 NORTH HEAD

HEAD OD	HEAD THK	S	SRF	E
120.00	0.3125	17800	1.00	0.70

INTERMEDIATE ANSWERS

FOR T-373-01 NORTH HEAD

t = 0.16 q = 5.3 r = 60.00 S = 17800

MAWP1 = 13

PRESSURE VESSEL CALCULATION
UNIT:CBS Eq/Circ ID:T-373-01

02/02/2000

VESSEL NAME: VESSEL DESC: T-373-01 SOUTH HEAD ASSUMED CONDITION

PRESSURE VESSEL CALCULATION
UNIT:CBS Eq/Circ ID:T-373-01

02/02/2000

T-373-01 SOUTH HEAD ASSUMED CONDITION

DESIGN PRESSURE: 1 PSI
MAXIMUM DESIGN TEMPERATURE: 100 DEGREES F
YEAR BUILT: 1990

COMPONENT SUMMARY	ACTUAL THK	- RQD THK	= REMAINING CALC CA	MAWP (NO CA)	STRESS
T-373-01 SOUTH HEAD	0.251	0.16	0.091	7	17800

INPUT DATA SUMMARY

T-373-01 SOUTH HEAD

HEAD OD	HEAD THK	S	SRF	E
120.00	0.3125	17800	1.00	0.70

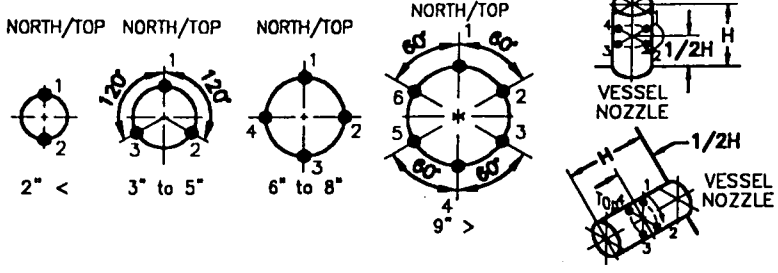
INTERMEDIATE ANSWERS

FOR T-373-01 SOUTH HEAD

t = 0.16 q = 5.3 r = 60.00 S = 17800

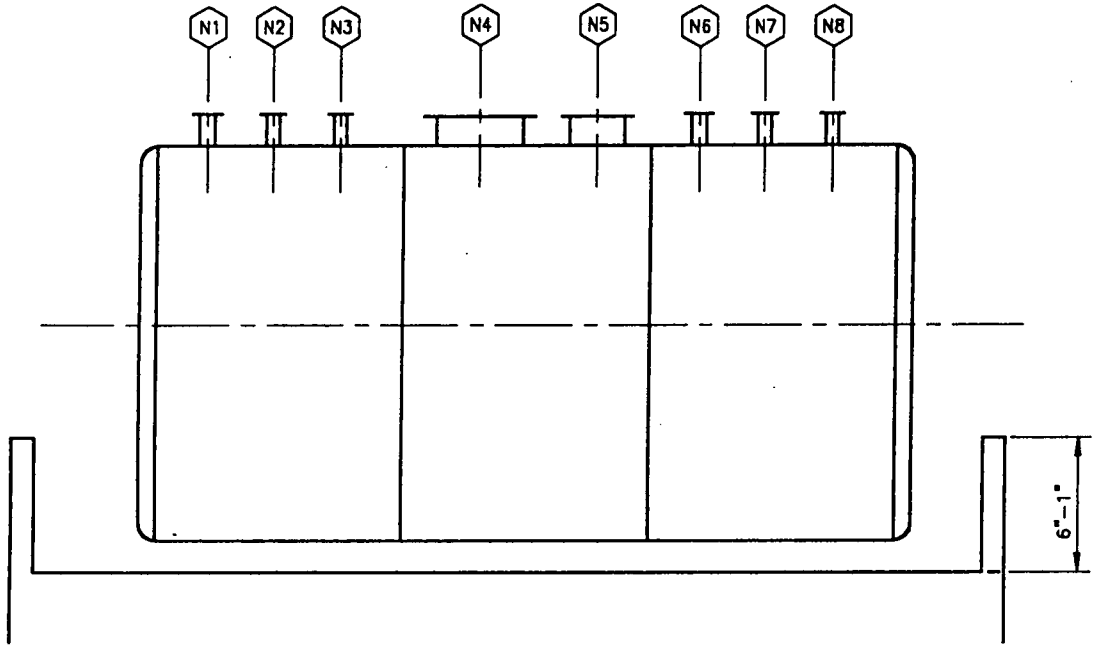
MAWP1 = 13

EQUIP RETIREMENT DATE: 11/29/2014
NEXT INSPECTION IS DUE: 2/14/2005

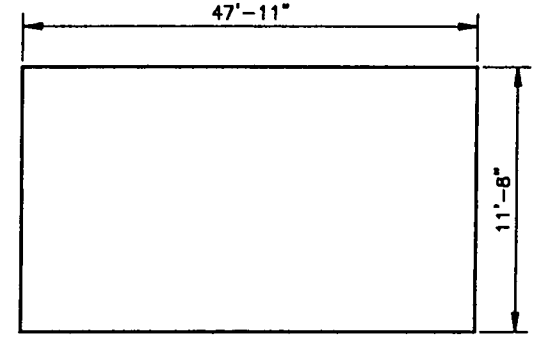


NOZZLE TML LOCATION SCHEDULE

NOZZLE	SIZE	DESCRIPTION	MARK 1	MARK 2	MARK 3	MARK 4	MARK 5	MARK 6
N1	4 "	150#;	N/A	N/A	N/A			
N2	4 "	150#;	N/A	N/A	N/A			
N3	4 "	150#;	N/A	N/A	N/A			
N4	24"	MANWAY	#1- .249	#2- .249	#3- .249	#4- .250		
N5	18"	MANWAY	N/A	N/A	N/A			
N6	4 "	150#;	N/A	N/A	N/A			
N7	4 "	150#;	N/A	N/A	N/A			
N8	4 "	150#;						



WEST VIEW
LOOKING EAST



SECONDARY CONTAINMENT

TANK CAPACITY	CAPACITY OF THE SECONDARY CONTAINMENT	REQUIRED CONTAINMENT CAPACITY (110%)	ADDITIONAL CONTAINMENT REQUIRED
10000 GAL.	3440 FT^3	11000=1471 GAL. FT^3	NONE

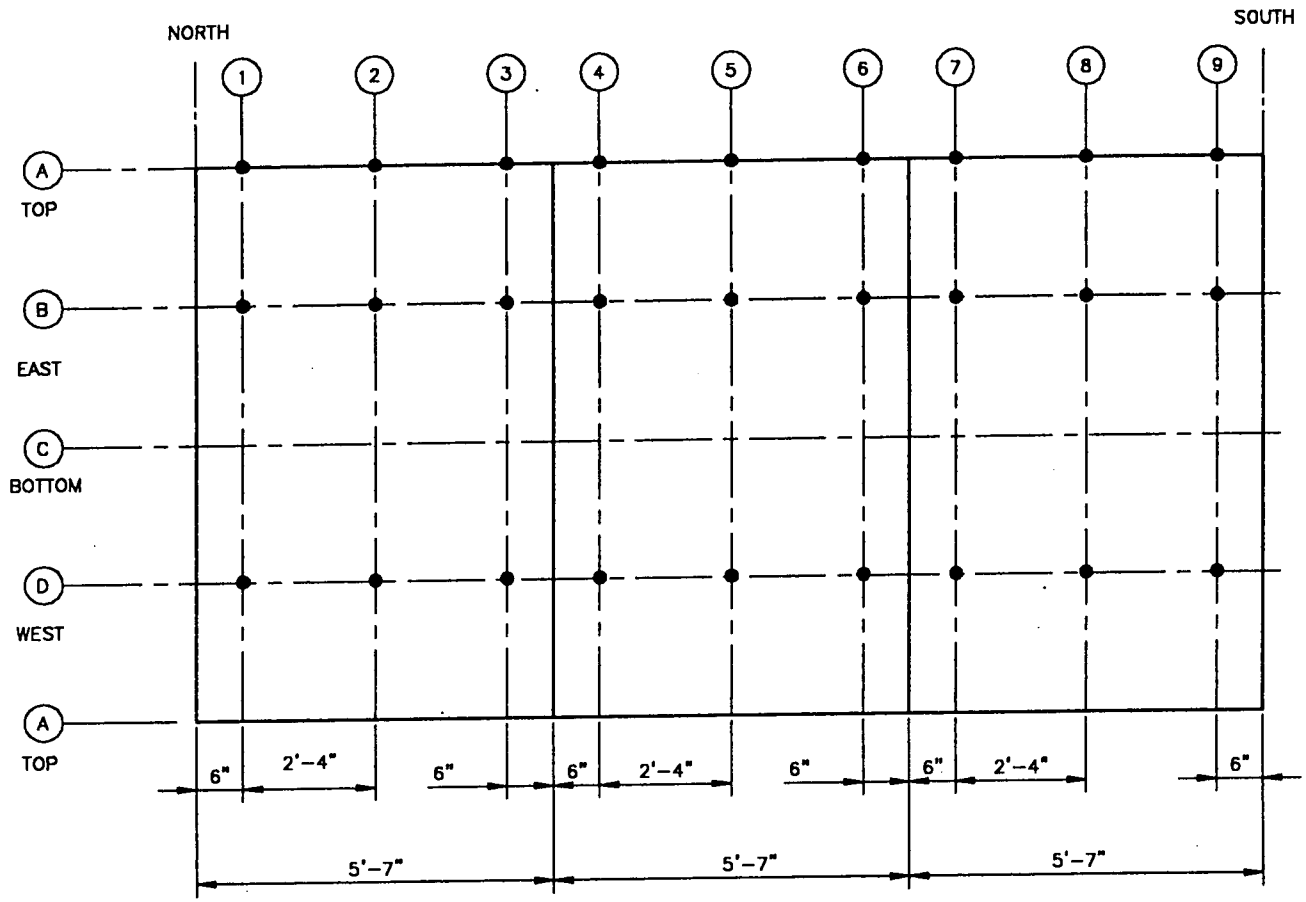
QUALITY INSPECTION SERVICES, INC.
PROCESS SAFETY MANAGEMENT SERVICES
CORPORATE OFFICE WARWICK AVENUE
BUFFALO, NEW YORK

DATE 02/22/2000
SCALE NONE
PROJECT BLASLAND BOUCK 98-298
DRAWN BY I.WORONIECKI
CHK BY
APPD BY
LAST REV

DESC: T-373-01-STORAGE TANK
DWG#: T-373-01-TANK-1.00-49.00

SHEET 1 of 4

EQUIP RETIREMENT DATE: 11/29/2014
NEXT INSPECTION IS DUE: 2/14/2005



TML SCHEDULE		
MARK	LOCATION	READING
1	A1	#5- .251
2	A2	#6- .251
3	A3	#7- .253
4	A4	#8- .254
5	A5	#9- .251
6	A6	#10- .252
7	A7	#11- .251
8	A8	#12- .250
9	A9	#13- .249
10	B1	#14- .251
11	B2	#15- .252
12	B3	#16- .250
13	B4	#17- .249
14	B5	#18- .252
15	B6	#19- .252
16	B7	#20- .249
17	B8	#21- .250
18	B9	#22- .252
19	D1	#23- .249
20	D2	#24- .249
21	D3	#25- .250
22	D4	#26- .254
23	D5	#27- .255
24	D6	#28- .252
25	D7	#29- .250
26	D8	#30- .259
27	D9	#31- .250

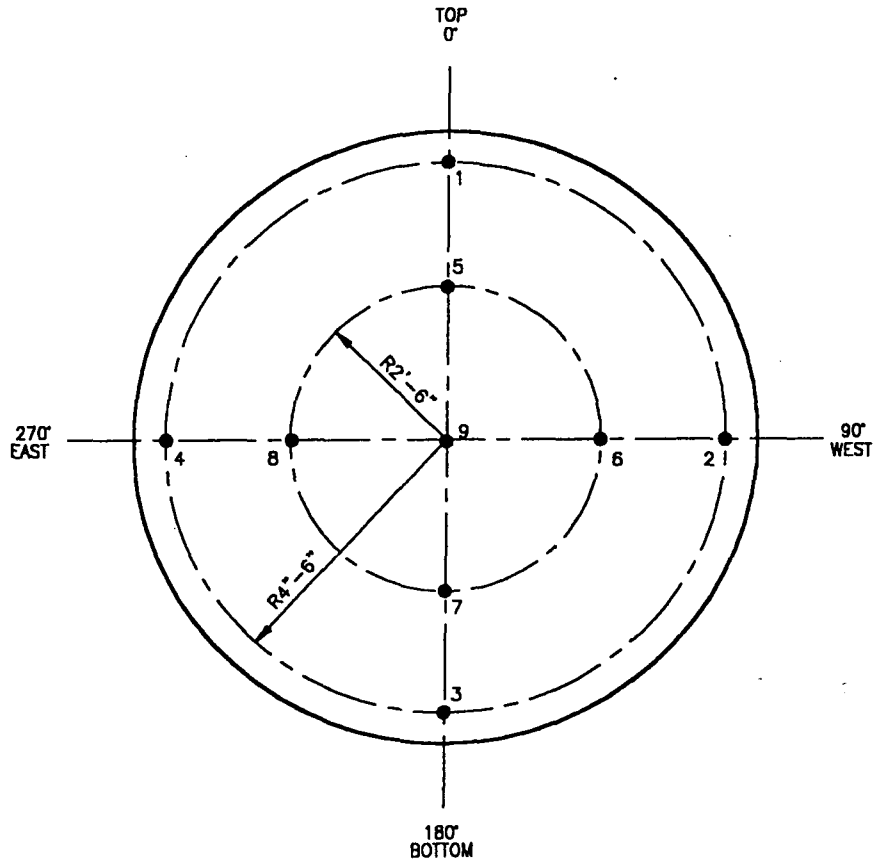
QUALITY INSPECTION SERVICES, INC.
PROCESS SAFETY MANAGEMENT SERVICES
CORPORATE OFFICE WARWICK AVENUE
BUFFALO, NEW YORK

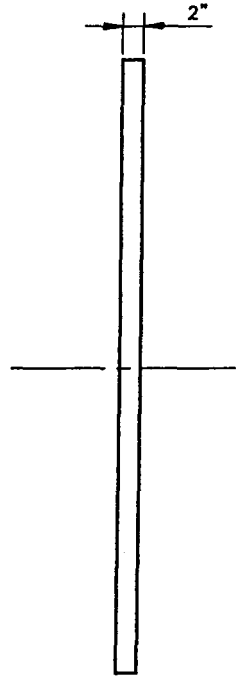
DATE 02/22/2000
SCALE NONE
PROJECT BLASLAND BOUCK 99-298
DRAWN BY I.WORONIECKI
CHK BY
APPD BY
LAST REV

DESC: T-373-01-SHELL
DWG#: T-373-01-TANK-1.00-49.00

SHEET 2 of 4

EQUIP RETIREMENT DATE: 11/29/2014
NEXT INSPECTION IS DUE: 2/14/2005





TML SCHEDULE		
MARK	LOCATION	READING
1	0°/TOP	#32- .254
2	90°/WEST	#33- .252
3	180°/BOTTOM	#34- .254
4	270°/EAST	#35- .254
5	0°/TOP	#36- .252
6	90°/WEST	#37- .251
7	180°/BOTTOM	#38- .255
8	270°/EAST	#39- .253
9	CENTER	#40- .252

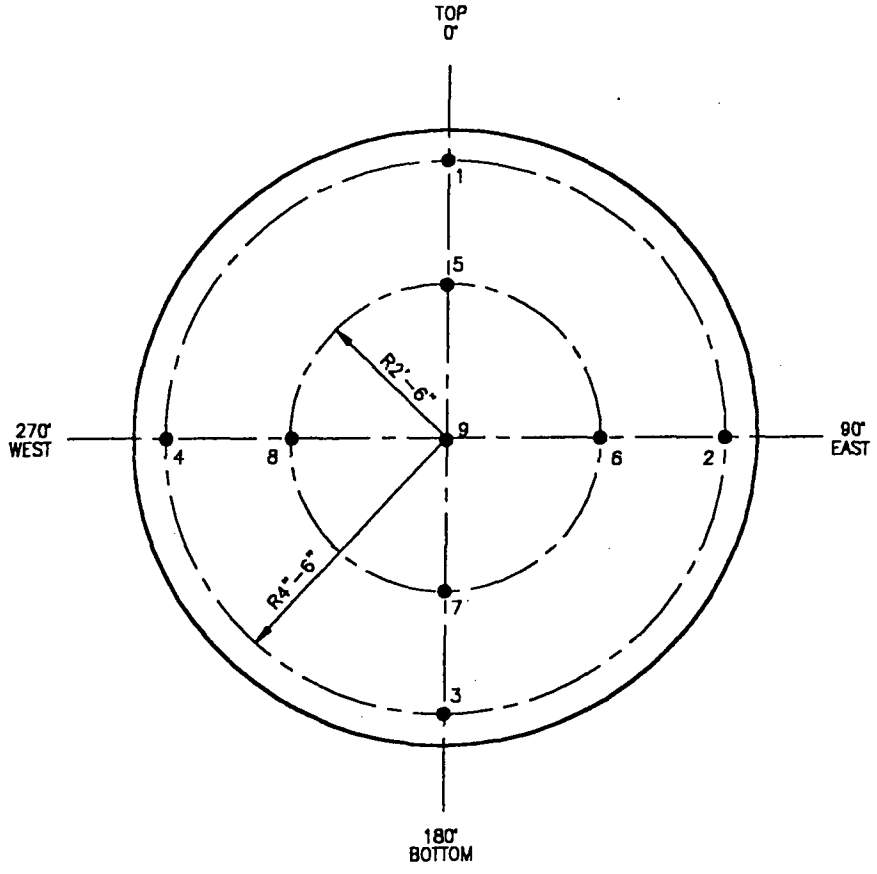
QUALITY INSPECTION SERVICES, INC.
PROCESS SAFETY MANAGEMENT SERVICES
CORPORATE OFFICE WARWICK AVENUE
BUFFALO, NEW YORK

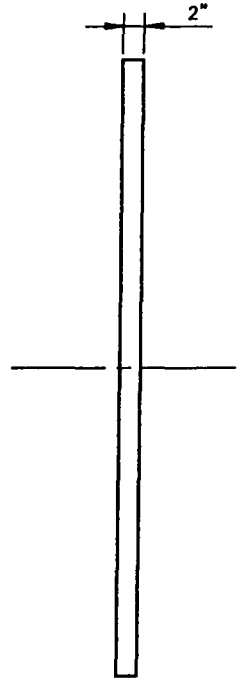
DATE 02/22/2000
SCALE NONE
PROJECT BLASLAND-BOUCK 99-298
DRAWN BY I.WORONIECKI
CHK BY
APPD BY
LAST REV

DESC: T-373-01-NORTH HEAD
DWG#: T-373-01-TANK-1.00-49.00

SHEET
3 of 4

EQUIP RETIREMENT DATE: 11/29/2014
NEXT INSPECTION IS DUE: 2/14/2005





TML SCHEDULE		
MARK	LOCATION	READING
1	0°/TOP	#41- .254
2	90°/EAST	#42- .254
3	180°/BOTTOM	#43- .252
4	270°/WEST	#44- .251
5	0°/TOP	#45- .255
6	90°/EAST	#46- .255
7	180°/BOTTOM	#47- .251
8	270°/WEST	#48- .253
9	CENTER	#49- .253

QUALITY INSPECTION SERVICES, INC.
PROCESS SAFETY MANAGEMENT SERVICES
CORPORATE OFFICE WARWICK AVENUE
BUFFALO, NEW YORK

DATE 02/22/2000
DRAWN BY I.WORONIECKI
SCALE NONE
CHK BY
PROJECT BLASLAND-BOUCK 99-298
APPD BY
LAST REV

DESC: T-373-01-SOUTH HEAD
DWG#: T-373-01-TANK-1.00-49.00

SHEET 4 of 4

BLASLAND BOUCK-LEE MECHANICAL INTEGRITY NOZZLE INSPECTION
BY
QUALITY INSPECTION SERVICES

Corrosion Monitoring Eq/Circ ID Analysis Report

(Report in Inches, Corrosion Rates in MPY) Report Date: 02/22/2000 13:43:06
Analysis: Statistical/Straight Line

Unit: T-373-01
Eq/Circ ID: T-373-01-NOZZLE
Eq Type: NOZZLE Description:
Class: CBS TANK 373-01-NOZZLE
RBI: 5E

Flange Rating: 150 lb/in²
Design Pressure: 1 lb/in²
Design Temp: 100 °F

TML No.	Location Desc.	Ctn TML	Last Survey Thick	Last Survey Date	Short Term Rate	Long Term Rate	Best Fit Rate	Retirement Thickness	Rep TML CR	TML Retirement Date	TML Inspection Due Date
1.00	MANWAY 24"	N *	0.249	02/15/2000	N/A	0.1	N/A	0.061 U	2.0	02/03/2057	02/14/2005
2.00	MANWAY 24"	N *	0.249	02/15/2000	N/A	0.1	N/A	0.061 U	2.0	02/03/2057	02/14/2005
3.00	MANWAY 24"	N *	0.249	02/15/2000	N/A	0.1	N/A	0.061 U	2.0	02/03/2057	02/14/2005
4.00	MANWAY 24"	N	0.250	02/15/2000	N/A	0.0	N/A	0.061 U	2.0	05/25/2057	02/14/2005

BLASLAND BOUCK-LEE MECHANICAL INTEGRITY NOZZLE INSPECTION
BY
QUALITY INSPECTION SERVICES

(Report in Inches, Corrosion Rates in MPY) Report Date: 02/22/2000 13:43:07
Analysis: Statistical/Straight Line

Unit: T-373-01 Flange Rating: 150 lb/in²
Eq/Circ ID: T-373-01-NOZZLE Design Pressure: 1 lb/in²
Eq Type: NOZZLE Description: Design Temp: 100 °F
Class: CBS TANK 373-01-NOZZLE
RBI: 5E

TML Corrosion Rates are each the maximum of:
(A) -- Calculated Corrosion Rates x 1.00 : Varies
(B) -- Default Corrosion Rate : 2.0 MPY

Representative Corrosion Rate is the Maximum of:
(A) -- Average Corrosion Rate x 1.10 : 2.2 MPY
(B) -- Average Max 25.0% of TMLs, Min of 2 : 2.0 MPY
(C) -- Formula Corrosion Rate (Sigma = 1.28) : 3.3 MPY
(D) -- Default Corrosion Rate : 2.0 MPY
Representative Corrosion Rate = 3.3 MPY

TML thickness readings taken above 150.0 °F have been compensated by 1% per 100.0 °F

TML thickness readings have been compensated for growths.

TML Life calculations are based on the maximum of the Rep. TML CR and the RCR using Short Term, Long Term, and Best Fit Corrosion Rates.

Nominal thickness is used for TML corrosion rate calculations with less than 3 surveys.

TML Inspection date is:
(A) -- Minimum(TML Life / 2.00, 5.0 years)

Eq/Circ ID Estimated life = 57.0 years from the most recent survey date.
(Estimated Life is based on the average of the earliest 1 TML retirement dates.)

Predicted Eq/Circ ID Retirement date is 02/03/2057

Recommended Eq/Circ UT Inspection Date is 02/14/2005
UT Inspection Date is the minimum(Remaining life / 2.0, 5.0 years).

Caution TML Logic: TML Corrosion Rate > 15.00 MPY .OR. TML Remaining Life < 1 Years.

There are 0 Caution TMLs in this Eq/Circ ID.

Minimum Thickness Caicuiations

System Information

T-373-01 MANWAY N4
PIPING BASELINE T-MIN
CARBON STEEL

Pipe Size	Schedule
24	10S

Outside Diameter	Wall Thickness	Inside Diameter
24	0.25	23.5

Insulation Material	Insulation Thickness

Fluid Type	Fluid Density (lbs/ft3)
UNKNOWN	62.43

Bending Moment, M (in-lbs)
376.564030770974

Pipe Material	Corrosion Allowance (mils)
A36	0.06

Total Weight per Foot		*Total Weight*	
Pipe Weight	63	Total Pipe Weight (lbs)	63
Insulation Weight (lbs/ft)		Total Insulation Weight (lbs)	0
Fluid Weight (lbs/ft)	188.042687180	Total Fluid Weight (lbs)	188.04268718064
Add'l W/ft	0	Additional Weight (lbs)	
Total Weight per foot (lbs/ft)	251.042687180649	Total Weight (lbs)	251.04268718

Length Between Supports	Design Stress	Bending Stress	Maximum I.D.	**Structural tmin (in)**
1	17800	26700	23.9999376	**0.060062335479157**

Operating Pressure, psi	Maximum Operating Temp. (F)	B31.3 Coefficient (Y)	Quality Factor	**Pressure tmin**
1	100	0.4	1	**0.06066010494**

BLASLAND BOUCK-LEE MECHANICAL INTEGRITY PIPING INSPECTION
BY
QUALITY INSPECTION SERVICES

Corrosion Monitoring Eq/Circ ID Analysis Report

(Report in Inches, Corrosion Rates in MPY) Report Date: 02/21/2000 15:43:59
Analysis: Statistical/Straight Line

Unit: T-373-01
Eq/Circ ID: T-373-01-PIPING
Eq Type: PIPING Description:
Class: CBS TANK-373-01
RBI: 5E

Flange Rating: 150 lb/in²
Design Pressure: 150 lb/in²
Design Temp: 100 °F

TML No.	Location Desc.	Ctn TML	Last Survey Thick	Last Survey Date	Short Term Rate	Long Term Rate	Best Fit Rate	Retirement Thickness	Rep TML CR	TML Retirement Date	TML Inspection Due Date
1.00	T-373-01	N	0.326	02/15/2000	N/A	0.0	N/A	0.136 U	2.0	09/16/2039	02/14/2005
2.00	T-373-01(N)	N	0.327	02/15/2000	N/A	0.0	N/A	0.136 U	2.0	12/01/2039	02/14/2005
3.00	T-373-01(T)	N	0.326	02/15/2000	N/A	0.0	N/A	0.136 U	2.0	09/16/2039	02/14/2005
4.00	T-373-01	N	0.225	02/15/2000	N/A	0.0	N/A	0.138 U	2.0	04/01/2018	02/14/2005
5.00	T-373-01(N)	N	0.235	02/15/2000	N/A	0.0	N/A	0.138 U	2.0	05/01/2020	02/14/2005
6.00	T-373-01(S)	N	0.230	02/15/2000	N/A	0.0	N/A	0.138 U	2.0	04/17/2019	02/14/2005
7.00	T-373-01	N	0.200	02/15/2000	N/A	1.6	N/A	0.138 U	2.0	01/15/2013	02/14/2005
8.00	T-373-01	N *	0.198	02/15/2000	N/A	1.8	N/A	0.138 U	2.0	08/16/2012	02/14/2005
9.00	T-373-01	N	0.234	02/15/2000	N/A	6.5	N/A	0.136 U	6.5	03/15/2015	02/14/2005
10.00	T-373-01	N	0.294	02/15/2000	N/A	0.6	N/A	0.136 U	2.0	01/15/2033	02/14/2005
11.00	T-373-01(T)	N	0.233	02/15/2000	N/A	6.6	N/A	0.136 U	6.6	10/27/2014	02/14/2005
12.00	T-373-01	N	0.201	02/15/2000	N/A	1.5	N/A	0.138 U	2.0	04/01/2013	02/14/2005
13.00	T-373-01	N	0.200	02/15/2000	N/A	1.6	N/A	0.138 U	2.0	01/15/2013	02/14/2005
14.00	T-373-01	N	0.210	02/15/2000	N/A	0.6	N/A	0.138 U	2.0	02/15/2015	02/14/2005
15.00	T-373-01	N	0.204	02/15/2000	N/A	1.2	N/A	0.138 U	2.0	11/15/2013	02/14/2005
16.00	T-373-01	N	0.200	02/15/2000	N/A	1.6	N/A	0.138 U	2.0	01/15/2013	02/14/2005
17.00	T-373-01	N	0.201	02/15/2000	N/A	1.5	N/A	0.138 U	2.0	04/01/2013	02/14/2005
18.00	T-373-01	N	0.217	02/15/2000	N/A	0.0	N/A	0.138 U	2.0	07/31/2016	02/14/2005
19.00	T-373-01	N	0.200	02/15/2000	N/A	1.6	N/A	0.138 U	2.0	01/15/2013	02/14/2005
20.00	T-373-01	N	0.250	02/15/2000	N/A	4.9	N/A	0.136 U	4.9	05/23/2023	02/14/2005
21.00	T-373-01	N	0.255	02/15/2000	N/A	4.4	N/A	0.136 U	4.4	11/30/2024	02/14/2005
22.00	T-373-01	N	0.259	02/15/2000	N/A	4.1	N/A	0.136 U	4.1	10/01/2025	02/14/2005
23.00	T-373-01	N	0.142	02/15/2000	N/A	1.2	N/A	0.076 U	2.0	11/15/2013	02/14/2005
24.00	T-373-01	N	0.145	02/15/2000	N/A	0.9	N/A	0.076 U	2.0	07/01/2014	02/14/2005
25.00	T-373-01	N	0.140	02/15/2000	N/A	1.4	N/A	0.076 U	2.0	06/16/2013	02/14/2005
26.00	T-373-01	N	0.145	02/15/2000	N/A	0.9	N/A	0.076 U	2.0	07/01/2014	02/14/2005

BLASLAND BOUCK-LEE MECHANICAL INTEGRITY PIPING INSPECTION
BY
QUALITY INSPECTION SERVICES

(Report in Inches, Corrosion Rates in MPY) Report Date: 02/21/2000 15:44:04
Analysis: Statistical/Straight Line

Unit: T-373-01
Eq/Circ ID: T-373-01-PIPING
Eq Type: PIPING Description:
Class: CBS TANK-373-01
RBI: 5E

Flange Rating: 150 lb/in²
Design Pressure: 150 lb/in²
Design Temp: 100 °F

TML Corrosion Rates are each the maximum of:
(A) -- Calculated Corrosion Rates x 1.00 : Varies
(B) -- Default Corrosion Rate : 2.0 MPY

Representative Corrosion Rate is the Maximum of:
(A) -- Average Corrosion Rate x 1.10 : 2.9 MPY
(B) -- Average Max 25.0% of TMLs, Min of 2 : 4.8 MPY
(C) -- Formula Corrosion Rate (Sigma = 1.28) : 3.3 MPY
(D) -- Default Corrosion Rate : 2.0 MPY
Representative Corrosion Rate = 4.8 MPY

TML thickness readings taken above 150.0 °F have been compensated by 1% per 100.0 °F

TML thickness readings have been compensated for growths.

TML Life calculations are based on the maximum of the Rep. TML CR and the RCR using Short Term, Long Term, and Best Fit Corrosion Rates.

Nominal thickness is used for TML corrosion rate calculations with less than 3 surveys.

TML Inspection date is:
(A) -- Minimum(TML Life / 2.00, 5.0 years)

Eq/Circ ID Estimated life = 12.5 years from the most recent survey date.
(Estimated Life is based on the average of the earliest 1 TML retirement dates.)

Predicted Eq/Circ ID Retirement date is 08/16/2012

Recommended Eq/Circ UT Inspection Date is 02/14/2005
UT Inspection Date is the minimum(Remaining life / 2.0, 5.0 years).

Caution TML Logic: TML Corrosion Rate > 15.00 MPY .OR. TML Remaining Life < 1 Years.

There are 0 Caution TMLs in this Eq/Circ ID.

TML View

TML No	Location	Comp Code	Size	Mat'l Code	T-Min	F	Nominal	Date Built
1.00	T-373-01	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
2.00	T-373-01(N)	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
3.00	T-373-01(T)	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
4.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
5.00	T-373-01(N)	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
6.00	T-373-01(S)	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
7.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
8.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
9.00	T-373-01	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
10.00	T-373-01	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
11.00	T-373-01(T)	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
12.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
13.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
14.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
15.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
16.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
17.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
18.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
19.00	T-373-01	PIPE	3.000	A53F	0.138	U	0.216	01/01/1990
20.00	T-373-01	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
21.00	T-373-01	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
22.00	T-373-01	PIPE	3.000	A53F	0.136	U	0.300	01/01/1990
23.00	T-373-01	PIPE	2.000	A53F	0.076	U	0.154	01/01/1990
24.00	T-373-01	PIPE	2.000	A53F	0.076	U	0.154	01/01/1990
25.00	T-373-01	PIPE	2.000	A53F	0.076	U	0.154	01/01/1990
26.00	T-373-01	PIPE	2.000	A53F	0.076	U	0.154	01/01/1990

Minimum Thickness Caicuiations

System Information

T-373-01 PIPING;
PIPING BASELINE T-MIN
CARBON STEEL

Pipe Size	Schedule
3	40

Outside Diameter	Wall Thickness	Inside Diameter
3	0.216	2.568

Insulation Material	Insulation Thickness

Fluid Type	Fluid Density (lbs/ft3)
UNKNOWN	62.43

Bending Moment, M (in-lbs)
5895.29287595039

Pipe Material	Corrosion Allowance (mils)
A53F	0.06

Total Weight per Foot		*Total Weight*	
Pipe Weight	7.58	Total Pipe Weight (lbs)	151.6
Insulation Weight (lbs/ft)		Total Insulation Weight (lbs)	0
Fluid Weight (lbs/ft)	2.24548812658	Total Fluid Weight (lbs)	44.909762531679
Addt'l W/ft	0	Additional Weight (lbs)	
Total Weight per foot (lbs/ft)	9.825488126584	Total Weight (lbs)	196.50976253

Length Between Supports	Design Stress	Bending Stress	Maximum I.D.	Structurai tmin (in)
20	15000	22500	2.92296802	**0.137031971255552**

Operating Pressure, psi	Maximum Operating Temp. (F)	B31.3 Coefficient (Y)	Quality Factor	Pressure tmin
150	100	0.4	1	**0.07281437125**

Minimum Thickness Caicuiations

System Information

T-373-01 PIPING;
PIPING BASELINE T-MIN
CARBON STEEL

Pipe Size	Schedule
3	80

Outside Diameter	Wall Thickness	Inside Diameter
3.5	0.3	2.9

Insulation Material	Insulation Thickness

Fluid Type	Fluid Density (lbs/ft3)
UNKNOWN	62.43

Bending Moment, M (in-lbs)
7868.17727390413

Pipe Material	Corrosion Allowance (mils)
A53F	0.06

Total Weight per Foot		*Total Weight*	
Pipe Weight	10.25	Total Pipe Weight (lbs)	205
Insulation Weight (lbs/ft)		Total Insulation Weight (lbs)	0
Fluid Weight (lbs/ft)	2.86362878984	Total Fluid Weight (lbs)	57.272575796804
Addt'l W/ft	0	Additional Weight (lbs)	
Total Weight per foot (lbs/ft)	13.1136287898402	Total Weight (lbs)	262.27257579

Length Between Supports	Design Stress	Bending Stress	Maximum I.D.	Structural tmin (in)
20	15000	22500	3.42494526	0.135054739652177

Operating Pressure, psi	Maximum Operating Temp. (F)	B31.3 Coefficient (Y)	Quality Factor	Pressure tmin
150	100	0.4	1	0.07447105788

Minimum Thickness Caicuiations

System Information

T-373-01 PIPING;
PIPING BASELINE T-MIN
CARBON STEEL

Pipe Size	Schedule
2	40

Outside Diameter	Wall Thickness	Inside Diameter
2.375	0.154	2.067

Insulation Material	Insulation Thickness

Fluid Type	Fluid Density (lbs/ft3)
UNKNOWN	62.43

Bending Moment, M (in-lbs)
765.719188549506

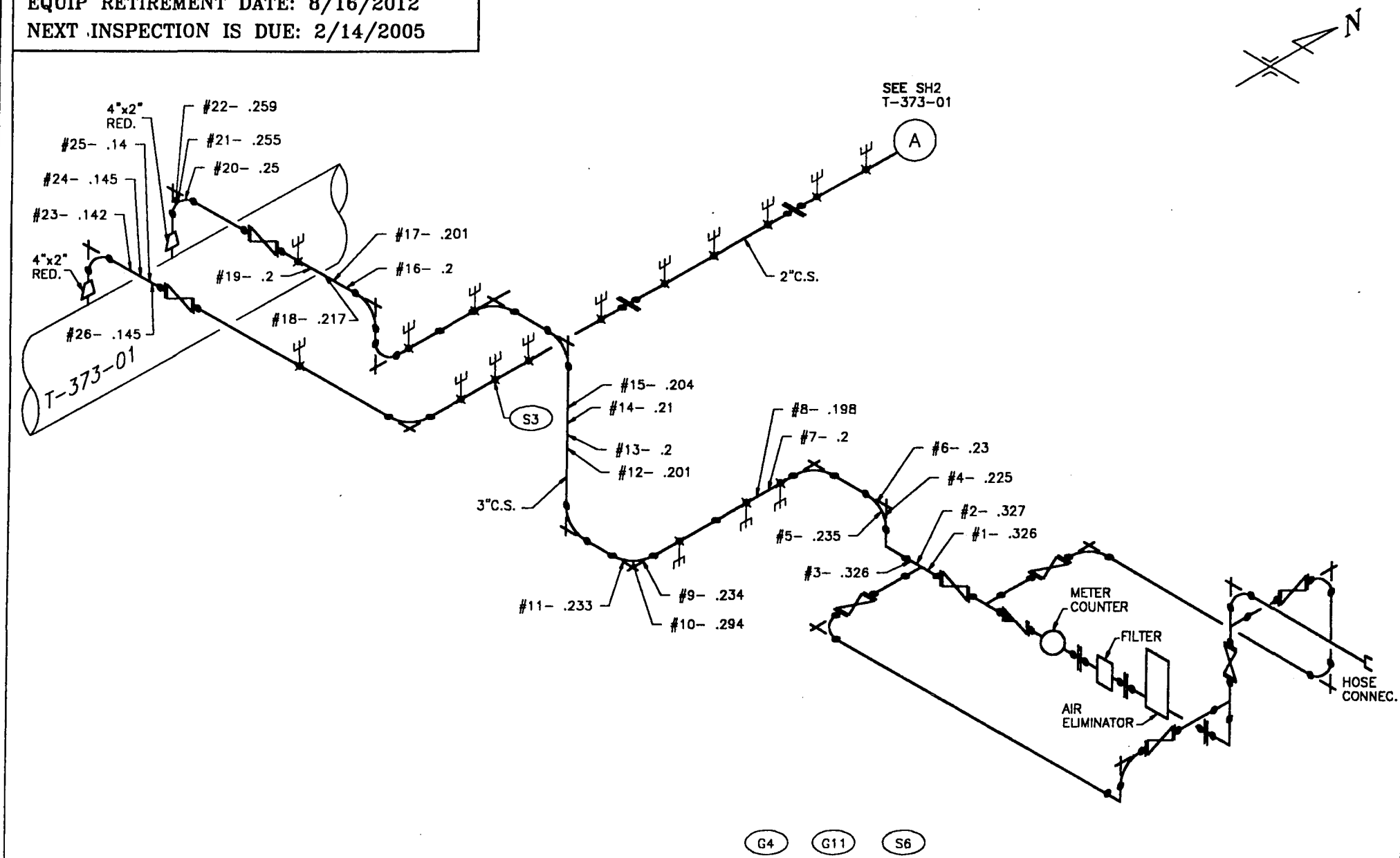
Pipe Material	Corrosion Allowance (mils)
A53F	0.06

Total Weight per Foot	*Total Weight*
Pipe Weight: 3.65	Total Pipe Weight (lbs): 36.5
Insulation Weight (lbs/ft):	Total Insulation Weight (lbs): 0
Fluid Weight (lbs/ft): 1.45479459033	Total Fluid Weight (lbs): 14.547945903300
Add'l W/ft: 0	Additional Weight (lbs):
Total Weight per foot (lbs/ft): 5.10479459033004	Total Weight (lbs): 51.047945903

Length Between Supports	Design Stress	Bending Stress	Maximum I.D.	Structural tmin (in)
10	15000	22500	2.35948880	0.075511192586975

Operating Pressure, psi	Maximum Operating Temp. (F)	B31.3 Coefficient (Y)	Quality Factor	Pressure tmin
150	100	0.4	1	0.07031437125

EQUIP RETIREMENT DATE: 8/16/2012
NEXT INSPECTION IS DUE: 2/14/2005

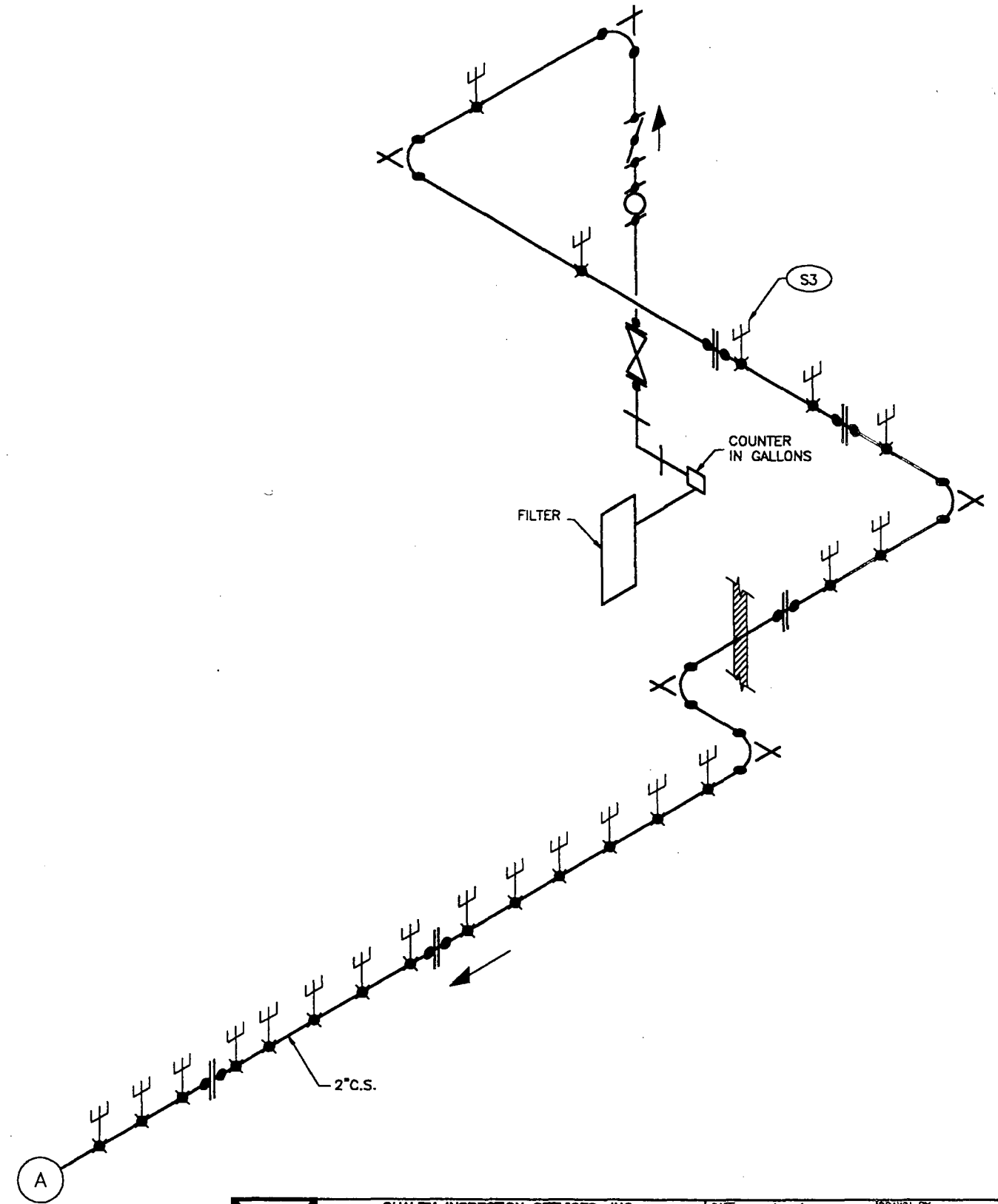


QUALITY INSPECTION SERVICES, INC. PROCESS SAFETY MANAGEMENT SERVICES CORPORATE OFFICE WARWICK AVENUE BUFFALO, NEW YORK	DATE 02/21/2000	DRAWN BY I.WORONIECKI
	SCALE NONE	CHK BY
	PROJECT BLASLAND BOUSK 99-298	APPD BY
		LAST REV

DESC: 7-373-01-PIPING
DWG#: T-373-01-PIPING-1.00-26.00

SHEET 1 of 2

EQUIP RETIREMENT DATE: 8/16/2012
NEXT INSPECTION IS DUE: 2/14/2005



QUALITY INSPECTION SERVICES, INC. PROCESS SAFETY MANAGEMENT SERVICES CORPORATE OFFICE WARWICK AVENUE BUFFALO, NEW YORK WARREN, PA OFFICE 718 SOUTH MORRISON STREET WARREN, PENNSYLVANIA 16365 · HOUSTON, TX OFFICE 1322 SPACE PARK, SUITE 4256 HOUSTON, TEXAS 77058 · JACKSONVILLE, FL OFFICE 3606 EDISON AVENUE JACKSONVILLE, FLORIDA 32254 · SYRACUSE, NY OFFICE 6730 MEYERS ROAD EAST SYRACUSE, NY 13057	DATE 02/21/2000	DRAWN BY I.WORONIECKI
	SCALE NONE	CHK BY
	PROJECT BLASLAND BOUCK 99-298	APPD BY
		LAST REV
DESC: T-373-01-PIPING DWG#: T-373-01-PIPING-0.00-0.00		SHEET 2 of 2

Appendix D - Waste Disposal Manifests

Non-TSCA Solid Waste

NON-HAZARDOUS WASTE MANIFEST SiR

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI170

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany, N.Y. 12204

Same

4. Generator's Phone (518) 433 3696 ATTN Bhadra Zachariah

5. Transporter 1 Company Name Silvarole Trucking, Inc

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 716 272 0741

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
425 Perinton Parkway
Fairport, N.Y. 14450

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	30,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
SiR Project P.O. MP88328AML
Profile 306326

G. Handling Codes for Wastes Listed Above
LX

15. Special Handling Instructions and Additional Information
Please Mail Copy Back to Generator

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Jack Halloran — Signature: Jack Halloran — Date: Month 06 Day 29 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bill Silvarole — Signature: Bill Silv — Date: Month 06 Day 29 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name — Signature — Date: Month Day Year

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI171

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany N.Y. 12204

Same

4. Generator's Phone (518) 433 3696 Barbara Zac

5. Transporter 1 Company Name: Silvarole Trucking Inc.

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 716 972 0741

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
425 Perinton Parkway
Fairport N.Y.

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	30,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
Sir Project P.O. MP88328AML
Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Jack Halloran	Jack Halloran	06	30	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Bill Silvarole	Bill Silv	06	30	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

NON-HAZARDOUS WASTE

F14 Printed by Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

Rev. 3/95

NON-HAZARDOUS WASTE MANIFEST Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI172

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany N.Y. 12204

4. Generator's Phone (518) 433 3696 Barbara Zacharek

5. Transporter 1 Company Name: Silvarole Trucking Ind

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 716 272 0741

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
425 Perinton Parkway
Fairport N.Y.

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
Sir Project P.O. MP88328AML

Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Jack Halloran — Signature: Jack Halloran — Date (Month/Day/Year): 06/30/00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Dave Burger — Signature: Dave Burger — Date (Month/Day/Year): 06/30/00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date (Month/Day/Year)

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name — Signature — Date (Month/Day/Year)

NON-HAZARDOUS WASTE

F14 Printed by Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

Rev. 3/95

NON-HAZARDOUS WASTE MANIFEST

SIR

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD000 730 408	Manifest Document No. NI 173	2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany N.Y. 12204

4. Generator's Phone (518) 433-3696 Barbara Zachbuek

5. Transporter 1 Company Name: Silvarole Trucking Inc — 6. US EPA ID Number:

A. Transporter 1 Phone

7. Transporter 2 Company Name — 8. US EPA ID Number

B. State Transporter's ID 716 272 0741

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Land Fill
425 Perinton Parkway
Fairport N.Y.

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non regulated Debris	001	CM	25,000	P.
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
SIR Project P.O. MP88328AML
Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Dave Badcock	Dave Badcock	07	03	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Bill Silvarole	Bill Silvarole	07	03	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

RCRA NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE MANIFEST SIR

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 000730 408

Manifest Document No.: NI 174

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 BROADWAY ALBANY N.Y. 12204

4. Generator's Phone (518) 433-3696 BARBARA ZACHBUEK

5. Transporter 1 Company Name: SILVANOLF TRUCKING INC

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: 716 272-0741

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
HIGH ACRES LAND FILL
425 PENINTON PARKWAY
FAIRPORT N.Y.

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: 716 223-6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON REGULATED DEBRIS	001	CM	25.000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
SIR PROJECT P.O. MPB838 AML

PROFILE 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
GARY ANDERSON	Gary Anderson	07	03	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
~~GARY ANDERSON~~ GLA R. 6A 7:14	~~Gary Anderson~~ GLA R.	7	13	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST SIR

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 000730408

Manifest Document No. NI 175

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 BROADWAY, ALBANY, NY 12204

4. Generator's Phone (518) 433-3696 ATTN: BARBARA ZACHAREK

5. Transporter 1 Company Name: SILVAROLE TRUCKING INC

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone (716) 292-0741

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
HIGH ACRES LANDFILL
425 PERINTON PARKWAY
FAIRPORT NY 14450

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone (716) 223-6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON REGULATED DEBRIS	001	CM	25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
SIR PROJECT PO MP 88328AML
PROFILE 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: GARY ANDERSON
Signature: Gary Anderson
Date: Month 07 Day 02 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Rodney Gr. Smith
Signature: Rodney Smith
Date: Month 07 Day 2 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Printed/Typed Name:
Signature:
Date: Month Day Year

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730404

Manifest Document No. NI 176

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany N.Y. 12204

4. Generator's Phone (518) 438 3696 Barbara Zacharek

5. Transporter 1 Company Name: Silvarole Trucking Inc

6. US EPA ID Number

A. Transporter 1 Phone 716 272 0741

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Land Fill
425 Perinton Parkway
Fairport N.Y.

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
Sii Project P.O. MP8832&AML
Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Jack Halloran	Jack Halloran	07 05 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Bill Silvarole	Bill Silvarole	07 05 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date (Month Day Year)

RCRA NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

RCRA NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI 181

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany
4. Generator's Phone (518) 433 3696 Barbara Zachared

5. Transporter 1 Company Name: Silvarole Trucking Inc.

6. US EPA ID Number

A. Transporter 1 Phone 716 242 0741

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
1425 Perinton Parkway
Fairport NY

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
Sir Project P.O. MP88328AML
Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
DAVE VBADECK	Dave VBadeck	07	06	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Bill Silvarole	Bill Silvarole	07	06	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

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NON-HAZARDOUS WASTE MANIFEST

SIR

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000 730 408

Manifest Document No. NI187

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway, Albany N.Y. 12204

4. Generator's Phone (518) 433-3696 Barbara Zachauek

5. Transporter 1 Company Name: Silvanole Trucking Inc.

6. US EPA ID Number

A. Transporter 1 Phone 716-272 0741

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High acres Landfill
425 Penington Parkway
Fairmount N.Y.

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716-223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON Regulated Debris	001	CM	25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
SIR Project P.O. MP88328 AMC

Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

RCRA NON-HAZARDOUS WASTE

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: RAYMOND D. LEIGH
Signature:
Date: Month 07 Day 01 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bill Silvanole
Signature:
Date: Month 07 Day 07 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name:
Signature:
Date: Month Day Year

SIR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000 730 408

Manifest Document No. NI188

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway, Albany NY 12204

4. Generator's Phone (518) 433-3096 Barbara Zachark

5. Transporter 1 Company Name: Silvarole Trucking INC

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone 716-772 0741

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
High Acres Landfill
425 Perinton Parkway
Fairport NY

10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone:

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-regulated debris	001	CM	25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above
SIR Project P.O. MP88328AML

Profile 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Rodney Griffith	Rodney Griffith	7	7	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

NON-HAZARDOUS WASTE

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Rev. 3/95

NON-HAZARDOUS WASTE MANIFEST S; R

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI189

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany

Same

4. Generator's Phone 518 433 3696 Barbara Zacharek

5. Transporter 1 Company Name: Hazmat Environmental Group Inc

6. US EPA ID Number: NYD 980169947

A. Transporter 1 Phone 716-821-7200

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID 117298 NY

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Land fill
425 Perinton Parkway
Fairport N.Y.

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Now Regulated Debris	001	CM	Est. 25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above

G. Handling Codes for Wastes Listed Above: L

15. Special Handling Instructions and Additional Information
Sir Project P.O. MP88328AML
Profile 506326

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Jack Holloran — Signature: Jack Holloran — Date: Month 07 Day 10 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Daniel Brown — Signature: Daniel Brown — Date: Month 07 Day 10 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

RCRA NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

RCRA NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI 190

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany
4. Generator's Phone (518) 433 Barbara Zacharek

Same

5. Transporter 1 Company Name: HAZMAT

6. US EPA ID Number: 13033P N.Y.

A. Transporter 1 Phone (716) 827-7200

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
1425 Perinton Parkway
Fairport NY

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	Est. 25,000	P
b.				
c.				
d.				

GENERATOR

F. Additional Descriptions for Materials Listed Above

G. Handling Codes for Wastes Listed Above: L

15. Special Handling Instructions and Additional Information
Sir Project AO, MP88328AML
Profile 506326

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Jack Halloran	Jack Halloran	07 10 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Tom Donovan	Tom Donovan	07 10 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date (Month Day Year)

NON-HAZARDOUS WASTE MANIFEST Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 000 730408

Manifest Document No. NI 191

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany

Same

4. Generator's Phone 518 433 3696 Barbara Zachaick

5. Transporter 1 Company Name: Silverlace

6. US EPA ID Number

A. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
1425 Perinton Parkway
Fairport N.Y.

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	Est. 25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above

G. Handling Codes for Wastes Listed Above: L

15. Special Handling Instructions and Additional Information
Sir Project P.O. MP88328AML
Profile 506326

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Jack Halloran	Jack Halloran	07 11 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Bill Silvaole	Bill Silvaole	07 11 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date (Month Day Year)

RCRA NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

Sir S-13

Please print or type (Form designed for use on elite (12 pitch) typewriter)

RCRA NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000 730408

Manifest Document No. NI227

2. Page 1 of

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 BROADWAY ALBANY

Same

4. Generator's Phone 518 433 3696 BARBARA ZACHAREK

5. Transporter 1 Company Name Silvaxole

6. US EPA ID Number 84-190

A. Transporter 1 Phone 2720741

7. Transporter 2 Company Name

8. US EPA ID Number

B. State Transporter's ID

C. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Land fill
1425 Perinton Parkway
Fairport NY

10. US EPA ID Number

D. State Facility's ID

E. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	EST. 25,000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
Sir Project RAMP88328AML
Profile 506326

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
JACK HALLORAN	Jack Halloran	07	19	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
JEFF JOBES		07	19	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month	Day	Year

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Rev. 10/93

NON-HAZARDOUS WASTE MANIFEST

SIR

Please print or type (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	2. Generator's US EPA ID No. NYD000730078	Manifest Document No. [redacted]
3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORPORATION, 1125 Broadway, Albany NY 12866		
4. Generator's Phone (518) 433-3696		
5. Transporter 1 Company Name: HAZ-MAT ENV.	6. US EPA ID Number: NYD980769947	A. State Transporter's ID: [illegible]
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone: 716 827-1200
9. Designated Facility Name and Site Address: High Acres Landfill, 1425 Perton Pkwy, Farmport NY	10. US EPA ID Number	C. State Transporter's ID
		D. Transporter 2 Phone
		E. State Facility's ID
		F. Facility's Phone

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Regulated C+D Debris	1	CM	EST 38000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above: SIR Project PO M188328AML Profile 506326

G. Handling Codes for Wastes Listed Above: 4

15. Special Handling Instructions and Additional Information: Please mail copy back to generator

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Ronald A Suen	Ronald A Suen	08 31 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
James S Robinson	James S Robinson	08 31 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date (Month Day Year)
	[illegible]	

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

...ation and return with Hazmat Bill

NON-HAZARDOUS WASTE MANIFEST

SIR

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

CONDITION REPORT

1. Generator's US EPA ID No. NYD000730405

Manifest Document No. NE285

2. Page 1 of

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 BROADWAY ALBANY NY 12866

4. Generator's Phone (518) 433-3696 Barbara Zochacki

5. Transporter 1 Company Name
HAZ-MAT ENV.

6. US EPA ID Number
NYD980769947

A. State Transporter's ID 3036P NY

B. Transporter 1 Phone 822-9200 (716)

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Landfill
1425 Perinton Pkwy
Fairport NY

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone
716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	12. Total Quantity	13. Unit Wt./Vol.	14.
a. Non-Regulated Con'd Debris	001	SM	EST. 38000	P	
b.					
c.					
d.					

F. Additional Descriptions for Materials Listed Above
SIR Project - PO MP8831848ML
Profile - 506326

G. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
Please mail copy back to generator

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: RONALD A. SUEN
Signature: Ronald A Suen
Date: Month 09 Day 31 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Jordan
Signature: Jim Jordan
Date: Month 09 Day 31 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Date: Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name
Signature
Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER

NON-HAZARDOUS WASTE MANIFEST

Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD000730408

Manifest Document No. NI294

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORPORATION
1125 Broadway Albany N.Y. 12204

Same

4. Generator's Phone (518) 433 3696 ATTN Barbara Zachark

5. Transporter 1 Company Name: HAZMAT ENVIRONMENTAL GROUP

6. US EPA ID Number: NYD980769947

A. State Transporter's ID 152148 N.Y

B. Transporter 1 Phone 716 827 7360

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
High Acres Land Fill
425 Pelinton Park Way
Fairport N.Y. 14450

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 716 223 6132

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Debris	001	CM	Est, 35000	P
b.				
c.				
d.				

GENERATOR

F. Additional Descriptions for Materials Listed Above
Sir Project P.O. MP88328AML
Profile 506326

G. Handling Codes for Wastes Listed Above
LX

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Jack Halloran	Jack Halloran	09 18 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
GRANT Williams	Grant Williams	09 18 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date (Month Day Year)

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NON-HAZARDOUS WASTE MANIFEST Sir

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD000730408	Manifest Document No. NI295	2. Page 1 of 1

3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORPORATION, 1125 Broadway - Albany N.Y. 12204 — Same

4. Generator's Phone: 518 433 3696 Attn: Barbara Zacharek

5. Transporter 1 Company Name: Hazmat Environmental Group, Inc — 6. US EPA ID Number: NYD980769947

A. State Transporter's ID: 1506P (N.Y.)

B. Transporter 1 Phone: (716) 827-7200

7. Transporter 2 Company Name: — 8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: High Acres Land Fill, 425 Perinton Parkway, Fairport N.Y. 14450 — 10. US EPA ID Number:

E. State Facility's ID:

F. Facility's Phone: 716 223 6132

11. Waste Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Regulated Debris	001	CM	Est. 35000	P
b.				
c.				
d.				

F. Additional Descriptions for Materials Listed Above: Sir Project P.O. MP88328AML Profile 506326

G. Handling Codes for Wastes Listed Above: LX

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month Day Year
Jack Halloran	Jack Halloran	09/18/00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Michael G. Myers	Michael G. Myers	09/18/00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Date Month Day Year

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TSCA Solid Waste

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

NYG 1383246

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

Please type or print. Do not staple

(Hazardous Waste Manifest 1/88/98)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NY D 0 0 0 7 3 0 4 0 8
Manifest Doc. No.: NI035
2. Page 1 of: 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
Niagara Mohawk Power Corporation
1125 Broadway, Albany, NY 12204-2505
4. Generator's Telephone Number (518) 433-3696 Attn: M. Abbott

A. NYG 1383246
B. Generator's ID: SAME
C. State Transporter's ID: 15214PNY
D. Transporter's Telephone (716) 827-7100
E. State Transporter's ID:
F. Transporter's Telephone ( )
G. State Facility ID:
H. Facility Telephone (716) 754-8231

5. Transporter 1 (Company Name): Hazmat Environmental
6. US EPA ID Number: N Y D 9 8 0 7 6 9 9 4 7
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address
CWM Chemical Services, LLC
1550 Balmer Road
Model City, NY 14107
10. US EPA ID Number: NY D 0 4 9 8 3 6 6 7 9

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	CM	04545 EST.	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. PCB Debris
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
DEST 3-8-00 SR#538930 400035
For RQ quantity release contact National Response Center 1-800-424-8802 and 911. If 911 is not in service call local operator. In emergency (24hr.) contact Chemtrec 1-800-424-9300. 815235561

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
Ronald A. Suen	Ronald A. Suen	10	14	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
GRANT WILLIAMS		10	14	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual Disc 8537K

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	10	25	00

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

Federal EPA ID: NYD049836679

NIAGARA MOHAWK POWER CORP
ATTN: MIKE ABBOTT
NYD000730408
1125 BROADWAY
ALBANY NY 12204-2505

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from NIAGARA MOHAWK POWER CORP on 02/15/00 as described on Hazardous Waste Manifest number NYG1383246 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: U00035
CWM Tracking ID: 8152356101
CWM Unit #: 1*0
Disposal Date: 02/15/00

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

Donna Ames-Cassick

DONNA AMES-CASSICK
COMPLIANCE MANAGER
Certificate # 173229
02/16/00

For questions please call our Customer Service Dept. at (800) 843-3604

NYG 1383219

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

sir

HAZARDOUS WASTE MANIFEST

P.O. Box 12B20, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/28/98)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NY D0 07 30 40 8	NF036	1	

GENERATOR

3. Generator's Name and Mailing Address
Niagara Mohawk Power Corporation
1125 Broadway, Albany, NY 12204-2505

4. Generator's Telephone Number (518) 433-3496 Attn: M. Abbott

A. NYG 1383219

B. Generator's ID SANZ

5. Transporter 1 (Company Name)	6. US EPA ID Number	C. State Transporter's ID 13035PNY
Hazmat Environmental	NYD 980 769 947	D. Transporter's Telephone (716) 827-7200
7. Transporter 2 (Company Name)	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
CWM Chemical Services LLC 1550 Balmer Road Model City, NY 14107	NYD 049 836 679	H. Facility Telephone (716) 754-8251

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	CM	04545 EST.	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above	K. Handling Codes for Wastes Listed Above
a. PCB Debris	a. L
b.	b.
c.	c.
d.	d.

15. Special Handling Instructions and Additional Information DRS: 2-8-00 SR#: 538930 000035
For RQ quantity release contact National Response Center 1-800-424-8802 and 911. If 911 is not in service call local operator. In emergency (24hs.) contact Chemtrec 1-800-424-9300. 815233560

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
Ronald A Suen	Ronald A Suen	10	11	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
James Tomlinson		10	11	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual Decon 11403K

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

Printed/Typed Name	Signature	Mo.	Day	Year
Ellen Carter	Ellen Carter	10	11	00

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5--Generator--Mailed by TSD Facility

WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8201

Federal EPA ID: NYD049836679

NIAGARA MOHAWK POWER CORP
ATTN: MIKE ABBOTT
NYD000730408
1125 BROADWAY
ALBANY NY 12204-2505

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C. has received waste material from NIAGARA MOHAWK POWER CORP on 02/15/00 as described on Hazardous Waste Manifest number NYG1383219 Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: U00035
CWM Tracking ID: 8152356001
CWM Unit #: 1*0
Disposal Date: 02/15/00

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

Donna Ames-Cassick

DONNA AMES-CASSICK
COMPLIANCE MANAGER
Certificate # 173228
02/16/00

For questions please call our Customer Service Dept. at (800) 843-3604

NYB9213237

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

SIR

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

CWM

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000073040 — Manifest Doc. No.: NF161
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law. CWM1

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
NYD000073040

4. Generator's Telephone Number: 518 471-3502

A. NYB9213237

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000045724

C. State Transporter's ID: 7276ZNY
D. Transporter's Telephone: (800) 477[illegible]

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Telephone: ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID:
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST 13363	K	EPA: / STATE: B007
b.					EPA: / STATE:
c.					EPA: / STATE:
d.					EPA: / STATE:

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-27-00 Weight: 13363 Type: CM
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 555241-4 Box# 3C39

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day Year
Jack Halloran	Jack Halloran	06 27 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Joseph I Meyers	[signature]	06 27 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
Actual Recd 12492K

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

Printed/Typed Name	Signature	Mo. Day Year
Susan M Abraham	Sue M Abraham	06 28 00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

NYB9213228

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SiR

CWM

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI162
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213228

GENERATOR

3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505
4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000045724

C. State Transporter's ID: 7774 2 NY
D. Transporter's Telephone: [illegible]

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Telephone: ( )

9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID:
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	Est. 13363	K	EPA; STATE B007
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-27-00 Weight: 13363 K Type: CM
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171
SERVICE REQUEST# 555241-3 Box# 3053 81529623-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
Jack Halloran	Jack Halloran	06 27 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Joseph I Meyers	[signature]	06 27 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

FACILITY

19. Discrepancy Indication Space
Actual Rec'd 12492 K

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

Printed/Typed Name	Signature	Mo. Day Year
Susan M Abrahams	S. M Abrahams	06 28 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213246

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730408 Manifest Doc. No. NL163
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213246
B. Generator's ID SAME

5. Transporter 1 (Company Name) BUFFALO FUEL CORP
6. US EPA ID Number NYR000045724
7. Transporter 2 (Company Name)
8. US EPA ID Number

C. State Transporter's ID 7276 3N NY
D. Transporter's Telephone (800) 657-5203
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number NYD049836679

G. State Facility ID
H. Facility Telephone 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST 13363	K	EPA; STATE B007
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL L
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-27-00 Weight: 13363 Type: CM
CHEMTREC Emergency Response Number (800)424-9300 NMI Contract
ERG#171
SERVICE REQUEST# 55241-2 55561-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JACK HALLORAN — Signature: Jack Halloran — Mo. Day Year: 062700

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CHRIS HOWARD — Signature: Chris Howard — Mo. Day Year: 062700

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Mo. Day Year

19. Discrepancy Indication Space
Actual Rec'd 10038K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder — Signature: Susan Snyder — Mo. Day Year: 062800

GENERATOR | TRANSPORTER | FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

NYB9213201

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

S/R

CWM

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730400 Manifest Doc. No. NI164
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213201

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

B. Generator's ID SAME

5. Transporter 1 (Company Name) Buffalo Fuel Corp
6. US EPA ID Number NYR000045724

C. State Transporter's ID 7226 NY
D. Transporter's Telephone 800 677 5003

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	EST 13363	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a UO0035 - PCB CONTAMINATED DEBRIS AND SOIL
c
b
d

K. Handling Codes for Wastes Listed Above
a L
c
b
d

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-27-00 Weight: 13363 Type: CM
CHEMTREC Emergency Response Number (800)424-9300 CMI Contract
ERG#171
SERVICE REQUEST# 555241-1

515 29624-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
Jack Halloran	Jack Halloran	06 27 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Chris Howard	Chris Howard	06 27 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
Actual Rec'd 10038 K

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

Printed/Typed Name	Signature	Mo. Day Year
Susan Snyder	Susan Snyder	06 28 00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

NYB9213282

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730406 Manifest Doc. No. NT166
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213282
B. Generator's ID SAME

5. Transporter 1 (Company Name) Buffalo Fuel Corp
6. US EPA ID Number NYR000004524
C. State Transporter's ID 72762 NY
D. Transporter's Telephone 800 [illegible]

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number NYD049836679
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST 13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
U00035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-28-00 Weight: 13636 Type: CM
CHEMTREC Emergency Response Number (800)424-9300 Contract
ERG#171
SERVICE REQUEST# 555405-1 815297[illegible]8-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
Jack Halloran	Jack Halloran	06	28	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Joseph E Myers	[signature]	06	28	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual recd 8927K

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

Printed/Typed Name	Signature	Mo.	Day	Year
Susan Snyder	Susan Snyder	06	29	00

COPY 5--Generator--Mailed by TSD Facility

NYB9213264

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730400 — Manifest Doc. No.: NJ167
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213264

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

B. Generator's ID: SAME

4. Generator's Telephone Number: 518 471-3502

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000048924

C. State Transporter's ID: 7262NW
D. Transporter's Telephone: 8006772063

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-28-00 Weight: 13636K Type: CM
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 555405-2 Box 3256 8152471802

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Jack Halloran — Signature: Jack Halloran — Mo. Day Year: 062800

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joseph E Myers — Signature: [signature] — Mo. Day Year: 062800

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Mo. Day Year:

19. Discrepancy Indication Space
actual recd 8927K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder — Signature: Susan Snyder — Mo. Day Year: 062900

COPY 5—Generator—Mailed by TSD Facility

NYB9213273

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI168
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505
4. Generator's Telephone Number: 518 471-3502

A. NYB9213273

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000045724

C. State Transporter's ID: 7763N NY

D. Transporter's Telephone (800) 677-8003

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST 13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above

a. U0003S - PCB CONTAMINATED DEBRIS AND SOIL

b. c. d.

K. Handling Codes for Wastes Listed Above

a. L b. c. d.

15. Special Handling Instructions and Additional Information

a. PCB Out of Service Date: 6.28.00 Weight: 13636 Type: CM
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ENG#171
SERVICE REQUEST# 555405-3 8153917-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: Jack Halloran — Signature: Jack Halloran — Mo. Day Year: 06 28 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Chris Howard — Signature: Chris Howard — Mo. Day Year: 06 28 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Mo. Day Year:

19. Discrepancy Indication Space: Actual Recd 18800 P/ 8528 K

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

Printed/Typed Name: Eileen Carter — Signature: Eileen Carter — Mo. Day Year: 06 29 00

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

NYB9213255

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730408 Manifest Doc. No. NJ169

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

A. NYB9213255

B. Generator's ID BAME

5. Transporter 1 (Company Name) BUFFALO FUEL CORP

6. US EPA ID Number NYR000045724

C. State Transporter's ID 727630 NY

D. Transporter's Telephone (800) 677-8003

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	EST 13636	K	EPA STATE BUOT
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 6-28-00 Weight: 13636K Type: CM
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 555405-4 81529717-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Mo. Day Year
JACK HALLORAN	Jack Halloran	062800

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
CHAIS HOWARD		062900

18. Transporter 2 Acknowledgement of Receipt of Materials

TRANSPORTER

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
Actual Recd 8528K / 18800P

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

FACILITY

Printed/Typed Name	Signature	Mo. Day Year
EILEEN CARTER	Eileen Carter	062900

COPY 5—Generator—Mailed by TSD Facility

NYB9213291

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sin

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 | Manifest Doc. No.: NT192

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

A. NYB9213291

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENV GRP INC
6. US EPA ID Number: NYD980769947
C. State Transporter's ID: PX-476 (NY)
D. Transporter's Telephone: OH 927-7200

7. Transporter 2 (Company Name): HAZMAT ENV GROUP
8. US EPA ID Number: NYD980769947
E. State Transporter's ID: PW3686 NY
F. Transporter's Telephone: OH 927-7200

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	Est 13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL
c.
b.
d.

K. Handling Codes for Wastes Listed Above
a. L
c.
b.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-11-00 Weight: 1363. Type:
CHEMTREC Emergency Response Number (800)424-9300 UNI Contract
ERG#171
SERVICE REQUEST# SS7739 8153273

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
JACK HALLORAN	Jack Halloran	07	11	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
TIMOTHY J. OHARA	Timothy J. O'Hara	07	11	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
DAVE JOHNSON	Dave Johnson	07	13	00

FACILITY

19. Discrepancy Indication Space
actual Recd 11476K

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	13	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213309

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408
   Manifest Doc. No.: NI194
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213309

3. Generator's Name and Mailing Address:
   NIAGARA MOHAWK POWER CORP
   1125 BROADWAY
   ALBANY NY 12204-2505
4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazmat Environmental Group Inc.
6. US EPA ID Number: NYD980769947

C. State Transporter's ID: 1566 JPN
D. Transporter's Telephone ( ) 716 8777200

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
   CWM CHEMICAL SERVICES, L.L.C.
   1550 BALMER RD.
   MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
U00035 - PCB CONTAMINATED DEBRIS AND SOIL
a c
b d

K. Handling Codes for Wastes Listed Above
a L c
b d

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-11-00 Weight: Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 557739   RB137   81530206

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
Jack Halloran	Jack Halloran	07 11 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Allen L Hall	Allen L Hall	07 11 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
actual rec'd 8800K Weight estimated generator resolved.

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

Printed/Typed Name	Signature	Mo. Day Year
Susan Snyder	Susan Snyder	07 18 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213318

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730408 Manifest Doc. No. NE195
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

A. NYB9213318

B. Generator's ID SAME

5. Transporter 1 (Company Name) Hazmat Environmental Group Inc

6. US EPA ID Number NYB980769947

C. State Transporter's ID 11729P (NJ)

D. Transporter's Telephone 716 827-7222

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-11-00 Weight: Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 552739 81520162

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
Jack Hallorun	Jack Hallorun	07	11	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Daniel Brown	Daniel Brown	07	11	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Actual Rec'd 10587 K Weight estimated. Generator resolved.

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

Printed/Typed Name	Signature	Mo.	Day	Year
Susan Snyder	Susan Snyder	07	20	00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

NYB9213327

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NJ196
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505
4. Generator's Telephone Number: 518 471-3502

A. NYB9213327

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazmat Environmental Group Inc
6. US EPA ID Number: NYD980769947
7. Transporter 2 (Company Name):
8. US EPA ID Number:

C. State Transporter's ID: 15067 PNY
D. Transporter's Telephone: 716 827-7200
E. State Transporter's ID:
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID:
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-11-00 Weight: Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract 81530243
ERG#171
SERVICE REQUEST# 557739

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: Jack Halloran — Signature: Jack Halloran — Mo. Day Year: 071100

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Dale Goodwin — Signature: Dale Good — Mo. Day Year: 071100

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Mo. Day Year:

19. Discrepancy Indication Space
actual recvd 13209 K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder — Signature: Susan Snyder — Mo. Day Year: 071300

COPY 5—Generator—Mailed by TSD Facility

NYB9213336

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: WI197
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213336

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazmat Environmental Group Inc.
6. US EPA ID Number: NYD980769947

C. State Transporter's ID: 15063PNY
D. Transporter's Telephone: (716 827-7200

7. Transporter 2 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC.
8. US EPA ID Number: NYD980769947

E. State Transporter's ID: 15550P.NY.
F. Transporter's Telephone: 827-7200

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID:

H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	EST. 13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-12-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST#: 557741 — 81530351

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVID BADCOCK	David Badcock	07 12 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Dale Goodwin	Dale Goodwin	07 12 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
FRANK G. SAWYER	Frank G. Sawyer	07 14 00

19. Discrepancy Indication Space
actual rec'd 11739K

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

Printed/Typed Name	Signature	Mo. Day Year
EILEEN CARTER	Eileen Carter	07 14 00

GENERATOR — TRANSPORTER — FACILITY

COPY 5—Generator—Mailed by TSD Facility

NYB9213363

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NJ198
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213363

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME — S7114

5. Transporter 1 (Company Name): [illegible handwriting]
6. US EPA ID Number: [illegible]
C. State Transporter's ID: 1Q393PPNY
D. Transporter's Telephone: 716 [illegible]
7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID:
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA: / STATE: B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above: a. L

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-12-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 NM Contract
ERG#171
SERVICE REQUEST# 557741
8130376

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: David Badcock — Signature: David Badcock — Mo. Day Year: 07 12 00

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Allen L Hall — Signature: Allen L Hall — Mo. Day Year: 07 12 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Mo. Day Year:

19. Discrepancy Indication Space
Actual Rec'd 11803K wt est gen Resolved

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder — Signature: Susan Snyder — Mo. Day Year: 07 14 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213345

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir.

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
	NYD000730406	NT199		

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number (518) 471-3502

A. NYB9213345
B. Generator's ID SAME

5. Transporter 1 (Company Name)	6. US EPA ID Number	C. State Transporter's ID	PK5496(NY)
HAZMAT ENV GRP INC.	NYD980769947	D. Transporter's Telephone (716)	827-7200
7. Transporter 2 (Company Name)	8. US EPA ID Number	E. State Transporter's ID	15550P NY
HAZMAT ENV. GRP. INC	NYD980769947	F. Transporter's Telephone (716)	827-7200

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID	
CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107	NYD049836679	H. Facility Telephone ( )	716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above	K. Handling Codes for Wastes Listed Above
000035 - PCB CONTAMINATED DEBRIS AND SOIL	a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-12-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WM Contract
ERG#171
SERVICE REQUEST# 557741 81530319

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVID BADDORF	David Baddorf	07	12	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
TIMOTHY J. O'HARA	Timothy J O'Hara	07	12	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
FRANK G SAWYER	Frank G Sawyer	07	14	00

FACILITY

19. Discrepancy Indication Space
actual pkgcnd 14397K

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

Printed/Typed Name	Signature	Mo.	Day	Year
Eileen Carton	Eileen Carton	07	14	00

COPY 5—Generator—Mailed by TSD Facility

GENERATOR

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

NYB9213354

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SiR

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. / Manifest Doc. No.: NYD000073040 / WI200

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

A. NYB9213354

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazmat Environmental Group, Inc

6. US EPA ID Number: NYD980769947

C. State Transporter's ID: 11729P(NY)

D. Transporter's Telephone: 716 822-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE 8007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL
b.

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-12-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 557741 8153032/

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVID SHADDOCK	David Badcock	07	12	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Daniel Brown	David Brown	07	12	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual recvd 13690K

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

Printed/Typed Name	Signature	Mo.	Day	Year
Susan Snyder	Susan Snyder	07	14	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213408

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730406 Manifest Doc. No. NT201

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518-471-3502

A. NYB9213408

B. Generator's ID SAME

5. Transporter 1 (Company Name) HAZMAT ENVIRONMENTAL GROUP

6. US EPA ID Number NYD980769947

C. State Transporter's ID 150LIP (N.Y.)

D. Transporter's Telephone (7168217200)

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE 9007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 557741-1 8153023

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADDOCK	Dave Baddock	07	13	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
MICHAEL G MYERS	Michael G Myers	07	13	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual recvd 15504K wt, pst. gen resolved

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

Printed/Typed Name	Signature	Mo.	Day	Year
Ellen Carter	Ellen Carter	07	14	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213399

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI202
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213399

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

B. Generator's ID: SAME

4. Generator's Telephone Number: 518 471-3502

5. Transporter 1 (Company Name): Haz Environmental Group Inc.
6. US EPA ID Number: NYD 986 [illegible]

C. State Transporter's ID: 15661 P NY
D. Transporter's Telephone: 716 [illegible]

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone: 716 754-8231

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b. c. d.

K. Handling Codes for Wastes Listed Above
a. L
b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 1363K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 557741-2 RB02 81530318

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVE BADCOCK	Dave Badcock	07 13 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Allen L. Hall	Allen L Hall	07 13 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
actual Recvd 14706K

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

Printed/Typed Name	Signature	Mo. Day Year
Eileen Carter	Eileen Carter	07 14 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213381

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI203
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213381

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENV GRP INC
6. US EPA ID Number: NYD980769947

C. State Transporter's ID: AY496 (NY)
D. Transporter's Telephone (716) 827-7200

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-06 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 557741-3
81530414

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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Printed/Typed Name: DAVE BADCOCK — Signature: Dave Badcock — Mo. Day Year: 071306

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TIMOTHY J. O'HARA — Signature: Timothy J O'Hara — Mo. Day Year: 071306

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Mo. Day Year:

19. Discrepancy Indication Space
Actual Rec'd 11540 K Wt. est. Generator resolved

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder — Signature: Susan Snyder — Mo. Day Year: 071706

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

NYB9213372

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

Sir

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 Manifest Doc. No.: NI204
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2506

4. Generator's Telephone Number 518 471-3502

A. NYB9213372

B. Generator's ID: SANE

5. Transporter 1 (Company Name): Hazmat Environmental Group Inc.
6. US EPA ID Number: NYD980769947
C. State Transporter's ID: 1505? PNY
D. Transporter's Telephone: (716 827-7260

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679
G. State Facility ID
H. Facility Telephone ( ): 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a: L c: b: d:

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 557741-4

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADCOCK	Dave Badcock	07	13	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Dale Goodwin	Dale Goodwin	07	13	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Actual Recd 15876 K Wt. est. Generator Resolved.

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

Printed/Typed Name	Signature	Mo.	Day	Year
SUSAN Snyder	Susan Snyder	07	14	00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

NYB9213444

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

Sir

CWM

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NJZ05 — 2. Page 1 of 1 — Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505	A. NYB9213444
4. Generator's Telephone Number: 518 471-3502	B. Generator's ID: SAME
5. Transporter 1 (Company Name): Buffalo Fuel Corp	6. US EPA ID Number: NYD0000045714
	C. State Transporter's ID: 609145 NY
	D. Transporter's Telephone: 800 677-6000
7. Transporter 2 (Company Name):	8. US EPA ID Number:
	E. State Transporter's ID:
	F. Transporter's Telephone ( )
9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107	10. US EPA ID Number: NYD049836679
	G. State Facility ID:
	H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	Est. 13636	K	EPA: / STATE: B007
b.					EPA: / STATE:
c.					EPA: / STATE:
d.					EPA: / STATE:

J. Additional Descriptions for Materials listed Above	K. Handling Codes for Wastes Listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL	a. L
c.	c.
b.	b.
d.	d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 557740-1   8153032A

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVE BADCOCK	Dave Badcock	07 13 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
E Wilson	E Wilson	07 13 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
actual Recvd 11893K

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

Printed/Typed Name	Signature	Mo. Day Year
Eileen Carter	Eileen Carter	07 14 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213435

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. / Manifest Doc. No.	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.
	NYD000730408 / NI206		

3. Generator's Name and Mailing Address	A. NYB9213435
NIAGARA MOHAWK POWER CORP 1125 BROADWAY ALBANY NY 12204-2505 4. Generator's Telephone Number 518 471-3502	B. Generator's ID SAME

5. Transporter 1 (Company Name)	6. US EPA ID Number	C. State Transporter's ID 72763 NY
BUFFALO FUEL CORP	NYRD00045724	D. Transporter's Telephone (800) 677 8003
7. Transporter 2 (Company Name)	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107	NYD049836679	H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	Est. 13636	K	EPA STATE 9007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above	K. Handling Codes for Wastes Listed Above
000035 - PCB CONTAMINATED DEBRIS AND SOIL	a. L c.
b. d.	b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 557740-2 8153031G-2

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADCOCK	Dave Badcock	07	13	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
CHRIS HOWARD	C Howard	07	13	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual recvd 12235K

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

Printed/Typed Name	Signature	Mo.	Day	Year
Susan Snyder	Susan Snyder	07	14	00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

NYB9213426

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD000730400	Manifest Doc. No. NI207	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213426
B. Generator's ID SAME

5. Transporter 1 (Company Name) Buffalo Fuel Corp
6. US EPA ID Number NYR000045724
7. Transporter 2 (Company Name)
8. US EPA ID Number

C. State Transporter's ID TL763N NY
D. Transporter's Telephone (800 677-0003)
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number NYD049836679

G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST 13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ERG#171
SERVICE REQUEST# 557740-3 8/5303/6-1

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVE BADCOCK	Dave Badcock	071300

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
CHRIS HOWARD	C. Howard	071300

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

FACILITY

19. Discrepancy Indication Space
actual Recd 12234K

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

Printed/Typed Name	Signature	Mo. Day Year
Susan Snyder	Susan Snyder	071400

COPY 5—Generator—Mailed by TSD Facility

NYB9213417

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir.

CWM

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(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI208
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

A. NYB9213417

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000045724

C. State Transporter's ID: 95749-F-NY
D. Transporter's Telephone: 800 208-2087

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-13-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 557740-4
8153031O

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVE BADCOCK	Dave Badcock	07 13 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
RANDALL WARD	Randall Ward	07 13 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
Actual Recd 11068K wt est gen resolved

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

Printed/Typed Name	Signature	Mo. Day Year
SUSAN Snyder	Susan Snyder	07 14 00

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

NYB9213453

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730406 Manifest Doc. No. WE209

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

A. NYB9213453

B. Generator's ID SAME

4. Generator's Telephone Number 518 471-3502

5. Transporter 1 (Company Name) HAZMAT ENV. GRP. INC.

6. US EPA ID Number NYD980769947

C. State Transporter's ID PX5496 (NJ)

D. Transporter's Telephone (716 827-7200

7. Transporter 2 (Company Name) HAZMAT ENV. GROUP

8. US EPA ID Number NYD980769947

E. State Transporter's ID PW3686 NY

F. Transporter's Telephone 716 827 7200

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	13636	K	EPA STATE 9007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
U00035 - PCB CONTAMINATED DEBRIS AND SOIL
a c
b d

K. Handling Codes for Wastes Listed Above
a [L] c [ ]
b [ ] d [ ]

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 07-12-00 Weight: 13636 Type:
CHEMTREC Emergency Response Number (800)424-9300 VHI Contract
ERG#171
SERVICE REQUEST# 558553-1 81530481

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADCOCK	Dave Badcock	07	17	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
TIMOTHY J. OHARA	Timothy J. O'Hara	07	17	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
DAVE JOHNSON	Dave Johnson	07	18	00

19. Discrepancy Indication Space
actual Recd 11050K Wt est. Gen resolved

FACILITY

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

Printed/Typed Name	Signature	Mo.	Day	Year
Susan Snyder	Susan Snyder	07	18	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213462

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

CWM

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730408 Manifest Doc. No. 03116
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

A. NYB9213462

B. Generator's ID SAME

5. Transporter 1 (Company Name) HAZMAT ENVIRONMENTAL GROUP INC.
6. US EPA ID Number NYD980769947

C. State Transporter's ID 15062PNY
D. Transporter's Telephone (716) 827-7200

7. Transporter 2 (Company Name) HAZMAT ENV. GROUP INC
8. US EPA ID Number NYD980769947

E. State Transporter's ID 15550PNY
F. Transporter's Telephone (716) 827-7200

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001		11434	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a U00035 - PCB CONTAMINATED DEBRIS AND SOIL c
b d

K. Handling Codes for Wastes Listed Above
a L c
b d

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: ---- Weight: ---- Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract ER0#171
SERVICE REQUEST# 558553-2 8153051O

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
JOE BADCOCK	Joe Badcock	07 17 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Allen L HALL	Allen L Hall	07 17 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
FRANK G SAWYER	Frank G. Sawyer	07 18 00

19. Discrepancy Indication Space
Actual Recd 17482K wt est gen resolved

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

Printed/Typed Name	Signature	Mo. Day Year
Susan Snyder	Susan Snyder	07 18 00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR TRANSPORTER FACILITY

NYB9213471

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. / Manifest Doc. No.: NYD000730406 / DF211

2. Page 1 of: 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

A. NYB9213471

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP, INC

6. US EPA ID Number: NYD980769947

C. State Transporter's ID: 5061P (N.Y.)

D. Transporter's Telephone: 716 827-7200

7. Transporter 2 (Company Name): HAZMAT ENV GROUP

8. US EPA ID Number: NYD980769947

E. State Transporter's ID: 7W3686 NY

F. Transporter's Telephone: 716 827 7200

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone ( ): 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636 (EST.)	K	EPA STATE 9007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. UO0035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 12-12-00 Weight: 13636 Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 558553-4 8153051

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADCOCK	Dave Badcock	07	17	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
MICHAEL G. MYERS	Michael G. Myers	07	17	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
DAVE JOHNSON	Dave Johnson	07	18	00

19. Discrepancy Indication Space
actual Recd 12891K

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	18	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213489

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Doc. No.: NYB9213489 | WT212

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number (518) 471-3902

A. NYB9213489

B. Generator's ID: SANK

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC

6. US EPA ID Number: NY0980769947

C. State Transporter's ID: 13024ANY

D. Transporter's Telephone (716) 827-7220

7. Transporter 2 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC

8. US EPA ID Number: NY0980769947

E. State Transporter's ID: 1555OPANY

F. Transporter's Telephone (716) 827-7220

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE 0007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U000035 - PCB CONTAMINATED DEBRIS AND SOIL
b.

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: - - Weight: - - Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 558553-3 SIS30479

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADCOCK	Dave Badcock	07	17	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
JAMES JORDAN	James Jordan	07	17	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
FRANK G SAWYER JR.	Frank G Sawyer	07	17	00

19. Discrepancy Indication Space
Actual Rcvd 13717K

FACILITY

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

Printed/Typed Name	Signature	Mo.	Day	Year
SUSAN SNYDER	Susan Snyder	07	18	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213498

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: WI213
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

A. NY89213498

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

B. Generator's ID: SAME

4. Generator's Telephone Number: 518 471-3502

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC — 6. US EPA ID Number: NYD981769847

C. State Transporter's ID: 15062 DNY

D. Transporter's Telephone: 716 824 7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone ( ): 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST. 13636	K	EPA STATE D007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

GENERATOR

J. Additional Descriptions for Materials listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L — c. — b. — d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 07.18.00 Weight: 13636 Type:
CHEMTREC Emergency Response Number (800)424-9300 RMI Contract
ERG#171
SERVICE REQUEST# 558554-2 81530557

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADLOCK	Dave Badlock	07	18	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
ALLEN L HALL	Allen L Hall	07	18	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Actual Recd 7811K

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	19	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213543

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Doc. No.: NYD000730408 | WJ214

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

A. NYB9213543

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC.

6. US EPA ID Number: NYB980769947

C. State Transporter's ID: 150619 (N.Y.)

D. Transporter's Telephone: 716 827-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone ( ): 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	cm	13636 (EST)	K	EPA STATE 0007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL
b.

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 07-18-00 Weight: 13636 Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 558554-1 81530555

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
DAVE BADLOCK	Dave Badlock	07	18	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
MICHAEL G. MYERS	Michael G. Myers	07	18	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

TRANSPORTER

19. Discrepancy Indication Space
Actual Recd 5879K

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	19	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213534

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Sir

(Hazardous Waste Manifest 4/97)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730808 Manifest Doc. No. NI229
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213534
B. Generator's ID SAME

5. Transporter 1 (Company Name) HAZMAT ENVIRONMENTAL GROUP INC
6. US EPA ID Number NYD980769947
C. State Transporter's ID 1506IAWY
D. Transporter's Telephone ( )
7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number NYD049836679
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	EST 13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-24-00 Weight: 13636K Expt:
CHEMTREC Emergency Response Number (800)424-9300 WRI Contract
SERVICE REQUEST# 559312-1 815 30821

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: JACK HALLORAN | Signature: Jack Halloran | Mo. Day Year: 072400

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: GRANT WILLIAMS | Signature: Grant Williams | Mo. Day Year: 072400

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Mo. Day Year

19. Discrepancy Indication Space
actual Recvd 14506K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: EILEEN CARTER | Signature: Eileen Carter | Mo. Day Year: 072500

COPY 5—Generator—Mailed by TSD Facility

NYB9213525

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000773408 Manifest Doc. No. NJ230
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213525
B. Generator's ID SAME

5. Transporter 1 (Company Name) HAZMAT ENVIRONMENTAL GROUP INC
6. US EPA ID Number NJD980769947
C. State Transporter's ID 12033PNJ
D. Transporter's Telephone (716) 827-7160

7. Transporter 2 (Company Name) HAZMAT ENVIRONMENTAL GROUP INC
8. US EPA ID Number NJD980769947
E. State Transporter's ID 1360PNJ
F. Transporter's Telephone 716 827-7160

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number NYD049836679
G. State Facility ID
H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636 EST	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 2-2400 Weight: 13636 Type: Cont
CHEMTREC Emergency Response Number (800)424-9300 WM Contract
ERG#171
SERVICE REQUEST# 55932-2 8153085?

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
Jack Halloran	Jack Halloran	07	24	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
James Jordan	James Jordan	07	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Allen L Hall	Allen L Hall	07	24	00

19. Discrepancy Indication Space
actual recvd 12401K

FACILITY

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	25	00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

NYB9213507

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730400 Manifest Doc. No.: NI231
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505
4. Generator's Telephone Number: 518 471-3502

A. NYB9213507

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazmat Environmental Group Inc
6. US EPA ID Number: NYD980769947

C. State Transporter's ID: 1303 HP NY

D. Transporter's Telephone: (716) 827-7200

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Telephone: ( )

9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID:

H. Facility Telephone: (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST. 13636	K	EPA; STATE B007
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-24-00 Weight: 13636 K Type:
CHEMTREC Emergency Response Number (800)424-9300 CMA Contract ERC#171
SERVICE REQUEST# 559312-4 8153081 9

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Printed/Typed Name: Jack Halloran | Signature: Jack Halloran | Mo. Day Year: 07 24 00

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: FRANK L SAWYER | Signature: Frank L. Sawyer | Mo. Day Year: 07 24 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Mo. Day Year:

19. Discrepancy Indication Space
actual Recud 14143 K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder | Signature: Susan Snyder | Mo. Day Year: 07 25 00

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

NYB9213516

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

Sir

CWM

(Hazardous Waste Manifest 4/97)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730406 Manifest Doc. No.: WI232

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

A. NYB9213516

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENV. CRP INC.

6. US EPA ID Number: NYD980769947

C. State Transporter's ID: PX5496 (NY)

D. Transporter's Telephone: (716) 827-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID: 10393P-NY

F. Transporter's Telephone: (716) 827-7200

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-24-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 559312-3 8153085B

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
JACK HALLORAN	Jack Halloran	07	24	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
TIMOTHY J. O'HARA	Timothy J. O'Hara	07	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
EDWARD S. CIEMNIOCH	Edward S. Ciemniok	07	25	00

FACILITY

19. Discrepancy Indication Space
Actual Recd 15023K wt last qty resolved

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	25	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213561

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWMI

(Hazardous Waste Manifest 4/97)

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In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730406 Manifest Doc. No. NI234

2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

A. NYB9213561

B. Generator's ID 8AHE

5. Transporter 1 (Company Name) HAZMAT ENVIRONMENTAL GRP.

6. US EPA ID Number NYD980769947

C. State Transporter's ID 13034 NY

D. Transporter's Telephone (716 827-7200

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	EST 13636	K	EPA STATE 0007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. UO0035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-25-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWI Contract
ERG#171
SERVICE REQUEST# 559313-2 815-30886

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
RONALD A. SWEN	Ronald A Swen	07	25	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
FRANK G SAWYER	Frank G Sawyer	07	25	00

TRANSPORTER

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space
actual recvd 12120K

FACILITY

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CANTA	Eileen Canta	07	26	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213552

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000730406 Manifest Doc. No. WT235 Page 1 of 1

Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number 518 471-3502

A. NYB9213552

B. Generator's ID SAME

C. State Transporter's ID NY 13644

D. Transporter's Telephone (716) 627 7810

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone ( ) 716 754-8231

5. Transporter 1 (Company Name) HAZMAT ENVIRONMENTAL GROUP INC

6. US EPA ID Number NYD986176542

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number NYD049836679

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	003	CM	EST 13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U000035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L c. b. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-25-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 559313-1 8153095

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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Printed/Typed Name RONALD A SUEN Signature Ronald A Suen Mo. 07 Day 25 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name GRANT WILLIAMS Signature Grant Williams Mo. 07 Day 25 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Mo. Day Year

FACILITY

19. Discrepancy Indication Space
Actual Recd 12265K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name SUSAN SNYDER Signature Susan Snyder Mo. 07 Day 26 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213579

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. / Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD000730405 / NT236	1	

GENERATOR

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2605

4. Generator's Telephone 518 471-3502

A. NYB9213579

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENVIRONMENTAL GROUP INC
6. US EPA ID Number: NYD980769947
C. State Transporter's ID: 13033PNY
D. Transporter's Telephone: 716 852-2200

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID:

H. Facility Telephone ( ) 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636 EST	K	EPA STATE 9007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. UO0035 - PCB CONTAMINATED DEBRIS AND BOIL
b.

K. Handling Codes for Wastes Listed Above
a. L
c.
b.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-25-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 559313-3 8153089?

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
RONALD A. SUEN	Ronald A. Suen	07	25	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
JAMES JORDAN	James Jordan	07	25	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space
actual recd 13209K

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

Printed/Typed Name	Signature	Mo.	Day	Year
EILEEN CARTER	Eileen Carter	07	26	00

COPY 5—Generator—Mailed by TSD Facility

NYB9213588

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI237
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213588

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazard Environmental Group Inc
6. US EPA ID Number: NYD980769947

C. State Transporter's ID: 11729 P/W
D. Transporter's Telephone: (716) 827-7200

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1650 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 7-25-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract
ERG#171
SERVICE REQUEST# 539313-4
81530885

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo. Day Year
Ronald A. Suen	Ronald A Suen	072500

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Daniel Brown	Daniel Brown	072500

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
actual Recd 12664K

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

Printed/Typed Name	Signature	Mo. Day Year
Eileen Carton	Eileen Carton	072600

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

OCT-10-00 TUE 3:54 PM ALBANY MACHINE SHOP FAX NO. 5184333892 P. 10

NYB9213597

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

SIR

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD000730400	Manifest Doc. No. NI257	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213597
B. Generator's ID: SAME

5. Transporter 1 (Company Name): [illegible]
6. US EPA ID Number: [illegible]
C. State Transporter's ID: [illegible]
D. Transporter's Telephone: [illegible]

7. Transporter 2 (Company Name): HAZMAT ENV. Group
8. US EPA ID Number: NYD980769947
E. State Transporter's ID: [illegible]
F. Transporter's Telephone: 716 827 7[illegible]

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679
G. State Facility ID
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	[illegible]	13636	K	EPA; STATE B007
b					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials listed Above
a. 000035 - PCB CONTAMINATED DEBRIS AND SOIL
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. L
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 8-18-00 Weight: 13636 K Type:
CHEMTREC Emergency Response Number (800)424-9300 UNI Contract
ERG#171
SERVICE REQUEST#: 562611-1 81531872

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVE BADCOCK	Dave Badcock	08 17 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
DAVE JOHNSON	Dave Johnson	08 21 00

FACILITY

19. Discrepancy Indication Space
actual recvd 14034 K

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

Printed/Typed Name	Signature	Mo. Day Year
EILEEN CARTER	Eileen Carter	08 21 00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

NYB9213606

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: NI258
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505
4. Generator's Telephone Number: 518 471-3502

A. NYB9213606
B. Generator's ID: SAME

5. Transporter 1 (Company Name): Allwaste Environmental Corp
6. US EPA ID Number: NYD980769947
7. Transporter 2 (Company Name):
8. US EPA ID Number:

C. State Transporter's ID
D. Transporter's Telephone
E. State Transporter's ID
F. Transporter's Telephone

9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone: (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.

K. Handling Codes for Wastes Listed Above: a. L b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: Weight: Bulk Type:
CHEMTREC Emergency Response Number (800)424-9300 CWM Contract NR0217I
SERVICE REQUEST# 562611-2
8153373

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
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Printed/Typed Name: DAVE BADCOCK — Signature: Dave Badcock — Mo. Day Year: 081700

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Roncone — Signature: Pete Roncone — Mo. Day Year: 081700

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: HENRY BEECHER — Signature: Henry Beecher — Mo. Day Year: 082800

19. Discrepancy Indication Space: actual recd 14905K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: EILEEN CARTER — Signature: Eileen Carter — Mo. Day Year: 082800

COPY 5—Generator—Mailed by TSD Facility

NYB9213624

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

CWM

(Hazardous Waste Manifest 4/37)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD000710400	Manifest Doc. No. NI259	2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.		

GENERATOR

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505
4. Generator's Telephone Number 518 471-3502

A. NYB9213624
B. Generator's ID SAME

5. Transporter 1 (Company Name) Hazmat Environmental Group
6. US EPA ID Number NYD980769947
C. State Transporter's ID 12033 PN
D. Transporter's Telephone (716) 827-7200

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number NYD049836679
G. State Facility ID
H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a U00035 - PCB CONTAMINATED DEBRIS AND SOIL
c
b
d

K. Handling Codes for Wastes Listed Above
a L
b
c
d

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 08-18-00 Weight: 13636K Type:
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract
ERG#171
SERVICE REQUEST# 523612-1 81531876

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
DAVE BADCOCK	Dave Badcock	08 18 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Pete Rancone	Peter Rancone	08 18 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

FACILITY

19. Discrepancy Indication Space
actual scaled 14840K

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

Printed/Typed Name	Signature	Mo. Day Year
EILEEN CARTER	Eileen Carter	08 21 00

COPY 5—Generator—Mailed by TSD Facility

NYB9213615

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000730408 — Manifest Doc. No.: N1260
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYB9213615

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1126 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

B. Generator's ID: SAME

5. Transporter 1 (Company Name): Hazmat Environmental Group, Inc
6. US EPA ID Number: NYD980769947

C. State Transporter's ID: [illegible]
D. Transporter's Telephone: 716 [illegible]

7. Transporter 2 (Company Name): HAZMAT ENV. GROUP
8. US EPA ID Number: NYD980769947

E. State Transporter's ID: [illegible]
F. Transporter's Telephone: 716 827-7200

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID:
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE, 9, UN2315, III, MARINE POLLUTANT	001	CM	(EST) 13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b.

K. Handling Codes for Wastes Listed Above
a. L b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 08.18.00 Weight 13636
CHEMTREC Emergency Response Number (800)424-9300 NM Contract
SERVICE REQUEST: 56201-2 [illegible] 9153207[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: DAVE BADCOCK — Signature: Dave Badcock — Mo. Day Year: 08 18 00

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL G. MYERS — Signature: Michael G. Myers — Mo. Day Year: 08 18 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVE Johnson — Signature: Dave Johnson — Mo. Day Year: 08 23 00

19. Discrepancy Indication Space
actual Recd 14098K

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: EILEEN CARTER — Signature: Eileen Carter — Mo. Day Year: 08 23 00

GENERATOR / TRANSPORTER / FACILITY

COPY 5—Generator—Mailed by TSD Facility

OCT-10-00 TUE 3:52 PM ALBANY MACHINE SHOP FAX NO. 5184333892 P. 8

NYB9213705

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

CWM

(Hazardous Waste Manifest 4/97)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD000730408 · Manifest Doc. No. NI263 · 2. Page 1 of 1 · Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2505	A. NYB9213705
4. Generator's Telephone 518-471-3502	B. Generator's ID: SAME
5. Transporter 1 (Company Name): Hazmat Env. Group Inc · 6. US EPA ID Number: NY0980769947	C. State Transporter's ID: 13035PA · D. Transporter's Telephone (716) 827-7520
7. Transporter 2 (Company Name) · 8. US EPA ID Number	E. State Transporter's ID · F. Transporter's Telephone ( )
9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107 · 10. US EPA ID Number: NYD049836679	G. State Facility ID · H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above: a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above: a. L

15. Special Handling Instructions and Additional Information: PCB Out of Service Date: 8-23-00 ... Emergency Response Number ... acting under my direct instructions, ... SERVICE REQUEST# 8153242

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo. Day Year
Jack Halloran	Jack Halloran	082300

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
Alvin L. Calhoun	Al L. Cal...	082300

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space: actual recvd 14143 K

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

Printed/Typed Name	Signature	Mo. Day Year
Susan Snyder	Susan Snyder	082400

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR · TRANSPORTER · FACILITY

NYB9213723

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Sir

Please type or print. Do not staple.

(Hazardous Waste Manifest 4/97)

In case of emergency or spill immediately call the National Response Center 1-800-424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NYD000710408
Manifest Doc. No.: NI264
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

3. Generator's Name and Mailing Address:
NIAGARA MOHAWK POWER CORP
1125 BROADWAY
ALBANY NY 12204-2505

4. Generator's Telephone Number: 518 471-3502

A. NYB9213723

B. Generator's ID: SAME

5. Transporter 1 (Company Name): HAZMAT ENV. GRP. INC.
6. US EPA ID Number: NYD980769947
C. State Transporter's ID: PX5496 (NY)
D. Transporter's Telephone: 716 ...

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID
H. Facility Telephone: 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA / STATE B007
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL
b. c. d.

K. Handling Codes for Wastes Listed Above
a. L b. c. d.

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 8-22-00 Weight: 13636 Type: CHEMTREC Emergency Response ... Contract ...
SERVICE REQUEST: 56353212 ... 81532141

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: Jack Halloran
Signature: Jack Halloran
Mo. Day Year: 082300

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TIMOTHY J. O'HARA
Signature: Timothy J. O'Hara
Mo. Day Year: 082300

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Mo. Day Year:

19. Discrepancy Indication Space
actual recvd 10687K wt est Gen resolved

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan Snyder
Signature: Susan Snyder
Mo. Day Year: 082400

GENERATOR / TRANSPORTER / FACILITY

COPY 5—Generator—Mailed by TSD Facility

NYB9213714

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

SIR

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA No. NYD000730808	Manifest Doc. No. WI265	2. Page 1 of 1 — Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address: NIAGARA MOHAWK POWER CORP, 1125 BROADWAY, ALBANY NY 12204-2506			A. NYB9213714
4. Generator's Telephone Number 518 471-3502			B. Generator's ID SAME
5. Transporter 1 (Company Name) Hazmat Env. Group Inc	6. US EPA ID Number NYD980769947		C. State Transporter's ID [illegible]; D. Transporter's Telephone [illegible]
7. Transporter 2 (Company Name)	8. US EPA ID Number		E. State Transporter's ID; F. Transporter's Telephone ( )
9. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, L.L.C., 1550 BALMER RD., MODEL CITY NY 14107	10. US EPA ID Number NYD049836679		G. State Facility ID; H. Facility Telephone 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYL MIXTURE,9, UN2315,III,MARINE POLLUTANT	001	CM	13636	K	EPA; STATE B007
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials listed Above
a. U00035 - PCB CONTAMINATED DEBRIS AND SOIL

K. Handling Codes for Wastes Listed Above
a. L

15. Special Handling Instructions and Additional Information
a. PCB Out of Service Date: 8-23-00 Weight 13636K ...
CHEMTREC Emergency Response Number ... supervisory responsibility for ...
SERVICE REQUEST# 563531-3 ... the verification 8/532143

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
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Printed/Typed Name	Signature	Mo. Day Year
Jack Halloran	Jack Halloran	08 23 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year
James S. Robinson	James S. Robinson	08 23 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo. Day Year

19. Discrepancy Indication Space
actual scaled 12038K wt est gen resolved

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

Printed/Typed Name	Signature	Mo. Day Year
Susan Snyder	Susan Snyder	08 24 00

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR / TRANSPORTER / FACILITY

Non-TSCA Waste Water

NONHAZARDOUS WASTE MANIFEST

NI293 SIR

Please type (or print)

1. Generator's US EPA ID No. ~~NYD000730408~~ Manifest Document No. ~~20007~~
2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP.
1125 BROADWAY ALBANY, NY 12204-2505

4. Generator's Phone (518) 433-3696 ATTN: BARBARA ZACHAREK

A. Nonhazardous Waste Manifest Document Number UIS A 0014172

B. G.S.T. (Gen. Site Address) SAME

5. Transporter 1 Company Name UNITED INDUSTRIAL SERVICES
6. US EPA ID Number CTD021816889

C. S.T. (Trans. Lic. Plate) C/V26580

D. Tran. Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E. S.T.L. (Trans. Lic. Plate) 203 238-6745

F. Tran. Phone

9. Designated Facility Name and Site Address
UNITED OIL RECOVERY INC.
136 GRACEY AVENUE
MERIDEN, CT 06451

10. US EPA ID Number CTD021816889

G. State Facility's ID (Not Required)

H. Facility's Phone 203 238-6745

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED WASTE NONE, NONE	001	TT	05000	G	EPA / STATE NONE CR047
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials Listed Above
a. WELL WATER
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. Interim TX Final
b.
c. Interim Final
d.

15. Special Handling Instructions and Additional Information

1269ALM EMERGENCY RESPONSE GUIDE # N/A EMERGENCY PHONE # (203)238-6745

Point of Departure:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

Printed/Typed Name X Jack Halloran | Signature X Jack Halloran | Month Day Year 09 18 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Richard I. Kl[illegible] | Signature [illegible] | Month Day Year 09 18 00

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 hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR / TRANSPORTER / FACILITY

NONHAZARDOUS WASTE MANIFEST

SIR

Please type (or print)	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	
	NYD000720406	20008 NI300	A. Nonhazardous Waste Manifest Document Number:	UIS A 0014179

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP.
1125 BROADWAY ALBANY, NY 12204-2505

4. Generator's Phone (518) 433-3696 ATTN: BARBARA ZACHAREK

B. G.S.I. (Gen. Site Address)
SAME

5. Transporter 1 Company Name: UNITED INDUSTRIAL SERVICES
6. US EPA ID Number: CTD071816089
C. S.T.I. (Trans. Lic. Plate #): 59751

7. Transporter 2 Company Name
8. US EPA ID Number
D. Tran. Phone ( )

9. Designated Facility Name and Site Address
UNITED OIL RECOVERY INC.
136 GRACEY AVENUE
MERIDEN, CT 06451
10. US EPA ID Number: CTD021816889
E. S.T.I. (Trans. Lic. Plate #): 203 238-6745
F. Tran. Phone ( )
G. State Facility's ID (Not Required)
H. Facility's Phone: 203 238-6745

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. STATE REGULATED WASTE NONE, NONE	001	TT	152.64	G	EPA: STATE: NONE
b.					EPA: STATE:
c.					EPA: STATE:
d.					EPA: STATE:

J. Additional Descriptions for Materials Listed Above
a. WELL WATER
b.

K. Handling Codes for Wastes Listed Above

	Interim		Final
a.	300	100	
b.			

15. Special Handling Instructions and Additional Information
1289ALM EMERGENCY RESPONSE GUIDE # N/A EMERGENCY PHONE # (203)238-6745

Point of Departure:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

Printed/Typed Name	Signature	Month	Day	Year
DAVE BADCOCIC	Dave Badcock	10	2	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rick Stowell		10	2	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	10	2	2000

COPY 2 FACILITY MAILS TO GENERATOR

NONHAZARDOUS WASTE MANIFEST

SiR

Please type (or print)

1. Generator's US EPA ID No. NYD000.730.408 Manifest Document No. 20008

2. Page 1 of 1

3. Generator's Name and Mailing Address
NIAGARA MOHAWK POWER CORP. NF301
1125 BROADWAY ALBANY, NY 12204-2505

4. Generator's Phone (518) 433-3696 ATTN: BARBARA ZACHAREK

A. Nonhazardous Waste Manifest Document Number: UIS A 0015805

B. G.S.I. (Gen. Site Address) SAME

5. Transporter 1 Company Name: UNITED INDUSTRIAL SERVICES
6. US EPA ID Number: CTD021816889

C. S.T.I. (Trans. Lic. Plate #) V38837CT

7. Transporter 2 Company Name
8. US EPA ID Number

D. Tran. Phone (203) 238-6745

9. Designated Facility Name and Site Address
UNITED OIL RECOVERY INC.
136 GRACEY AVENUE
MERIDEN, CT 06451
10. US EPA ID Number: CTD021816889

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility ID (Not Required)

H. Facility's Phone 1203 238-6745

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L. Waste No.
a. STATE REGULATED WASTE NONE, NONE	001	TT	05000	G	EPA NONE STATE CR841
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. WELL WATER
b.
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim		Interim	Final
a.	300	c.		
b.	100	d.		

15. Special Handling Instructions and Additional Information
1289ALM EMERGENCY RESPONSE GUIDE # N/A EMERGENCY PHONE # (203)238-6745

Point of Departure:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

Printed/Typed Name	Signature	Month	Day	Year
DAVE BADCOCK	Dave Badcock	09	20	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
BOB SICKINGER		09	20	00

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 hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Nolan Coleman		9	20	00

GENERATOR TRANSPORTER FACILITY

COPY 2 FACILITY MAILS TO GENERATOR

TSCA Waste Water

NYG 2524995

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1-5.99)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD000730408 | Manifest Doc. No.: NI131 | 2. Page 1 of: 1 | Information within heavy bold line is not required by Federal Law

3. Generator's Name and Mailing Address
Niagara Mohawk Power Corporation
1125 Broadway, Albany, NY 12204

4. Generator's Telephone Number: (518) 433-3696

A. NYG 2524995

B. Generator's ID: Same

5. Transporter 1 (Company Name): Freehold Cartage Inc. | 6. US EPA ID Number: 03126164 | C. State Transporter's ID: 042854 9 ME | D. Transporter's Telephone: (732) 462-1001

7. Transporter 2 (Company Name) | US EPA ID Number | E. State Transporter's ID | F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services, LLC
1550 Balmer Road
Model City, NY 14107

10. US EPA ID Number: NYD049836679 | G. State Facility ID | H. Facility Telephone (715) 754-3231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No
a. RQ, Hazardous waste solid, n.o.s. 9 UN3077 PG III (B002) Polychlorinated Biphenyl Solution	001	TT	01210 EST.	G	EPA STATE B002
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

GENERATOR

J. Additional Descriptions for Materials listed Above
a. CJ1901
b.

K. Handling Codes for Wastes Listed Above
a. B | c.
b. | d.

15. Special Handling Instructions and Additional Information
ERG#171 Service Request #5511a536 82 81582339
Emergency Contact: Chem Treck (800) 562-7611 Capitol Environmental (800) 560-2374
D.O.T. 5/25/00

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Jack Halloran | Signature: Jack Halloran | Mo. 05 Day 25 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John M Lukow | Signature: John M Lukow | Mo. 05 Day 25 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space
Actual Recd 1164 G = 4427 K 5/30 Tomka-T

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Susan M Graham | Signature: Susan M Graham | Mo. 05 Day 25 Year 00

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 1—Disposer State—Mailed by TSD Facility

WASTE MANAGEMENT, INC.
CWM Chemical Services, L.L.C.
1550 Balmer Rd.
P.O. Box 200
Model City, N.Y. 14107
716/754-8231

June 5, 2000

Mr. Richard Hammond, P.E., Chief, Data Management Section
New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
50 Wolf Road, Room 472
Albany, NY 12233-7259

RE: Correction Notification

Dear Mr. Hammond:

Please find the attached photocopy of a manifest needing correction. The following correction(s) should be made to your records.

Generator & Address:	Niagara Mohawk Power Corporation, 1125 Broadway, Albany, NY 12204
Manifest Number(s):	NYG2524995
Discrepancy:	Item 13a & 14a = 4,427 K

Should you require additional information, please contact me at (716) 754-0269.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Very truly yours,
CWM CHEMICAL SERVICES, L.L.C.

Kevin M. Sheehan
Records Coordinator

cc: fileDOR5/25/0081528339-01
Generator
~~Generator-State~~
Transporter
EMD file

May 31, 2000

State of New York
Department of Environmental Conservation
Division of Solid & Hazardous Materials
P.O. Box 12820
Albany, NY 12212

File w/ manifest

To Whom It May Concern:

I am sending this letter in an effort to clarify a discrepancy with the New York State manifest number NYG2524995, shipped on May 25, 2000 from Niagara Mohawk Power Corporation located at 1125 Broadway, Albany, NY to CWM Chemical Services, LLC. A clerical mistake was made on the manifest in section 11 a., regarding the shipping name. The correct shipping name is RQ, Polychlorinated biphenyl solution, 9, UN2315, PG III (B002). I have attached the corrected manifest copy for your records.

I hope this helps to clarify the discrepancy for New York State. I apologize for any inconvenience this may have caused you. Should you have any questions or concerns please contact me at (315) 682-1940. Thank you for your time.

Sincerely,

Erika C. Johnston

Erika C. Johnston
Capitol Environmental Services, Inc.

CC: Ms. Barbara Zacharek, Niagara Mohawk Power Corporation

DISPOSAL STANDARDS FOR NEW YORK STATE REGULATED HAZARDOUS PCB WASTES

GENERATOR FILE COPY

GENERATOR NAME: Niagra Mohawk Power Corporation

MANIFEST # NYG2524995 CWM PROFILE # CJ190

UNIQUE DRUM#_____ OUT OF SERVICE DATE:_____

The following New York State regulated and land restricted wastes are subject to 6 NYCRR Part 376. Refer to 6 NYCRR 376.4(f) for New York land disposal requirements. Check all that apply:

[ ] B001 [X] B002 [ ] B003 [ ] B004 [ ] B005 [ ] B006 [ ] B007

Certification - Waste Meets Treatment Standards

[ ] I am the generator of the waste as identified above, that is restricted under 6 NYCRR Part 376. I have determined that this waste meets all applicable treatment standards set forth in 6 NYCRR 376 and, therefore, it can be land disposed without further treatment. Waste does not include solidified B002 material (liquid with PCBs 50-500 ppm).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that waste complies with the treatment standards specified in Part 376, Section 376.4 and all applicable prohibitions set forth in subdivision 376.3(b) of Part 376 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification including the possibility of a fine or imprisonment.

Notification - Waste Does Not Meet Treatment Standards

[X] I am the generator of a waste restricted under 6 NYCRR Part 376 as identified above. I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 6 NYCRR Part 376.4(f). This waste must be treated to the applicable standard set forth in 6 NYCRR 376.4(f) prior to land disposal.

GENERATOR'S SIGNATURE: Joel Halloran

TITLE: Chief Mechanic DATE: 5/25/00

Updated 05/19/98

FCI

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

175 BARTOW MUN. AIRPORT
BARTOW, FL 33830
PHONE:(941) 533-4599
FAX:(941) 533-1613

108 MONAHAN AVENUE
DUNMORE, PA 18512
PHONE:(570) 342-7232
FAX:(570) 342-7367

350 PIGEON POINT ROAD
NEW CASTLE, DE 19720
PHONE:(302) 658-2005
FAX:(302) 658-6229

156 DRIFTWOOD DRIVE
EUTAWVILLE, SC 29048
PHONE/FAX:(803) 492-9595

MANIFEST

FCI EPA ID NO.:
NJD054126164

K 13734

GENERATOR NAME/ADDRESS	PHONE (AREA CODE)	GENERATOR EPA ID NO.
[illegible handwriting] 1125 Broadway Ave Albany NY	TRACTOR 568 / TRAILER 4484	APPOINTMENT TIME
FCI REP LOADING (PRINT): [illegible]	PROCEDURE: [illegible] / BOX SPOTTED / BOX REMOVED	TIME AT GENERATOR (MILITARY TIME ONLY) ARRIVAL TIME 07:00 DEPARTURE TIME 07:45
COMMENTS OR DELAYS AT GENERATOR		EQUIPMENT USED 2

BROKER:

PO#: WO#:

STATE MANIFEST NO.:

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	[illegible handwriting]	9	3082	III	1	TT	1210	G	2000	L
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E., IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED)

GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter named. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE	GENERATOR'S SIGNATURE	DATE LOADED
[illegible]	X [signature] I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT	5/25/00 MO. DAY YR.

TSDF NAME/ADDRESS	PHONE (AREA CODE)	TSDF EPA ID NO.
[illegible handwriting]	TRACTOR 906 / TRAILER 4484	APPOINTMENT TIME
FCI REP UNLOADING (PRINT): [illegible]	PROCEDURE: [illegible] / BOX SPOTTED / BOX REMOVED	TIME AT TSDF (MILITARY TIME ONLY) ARRIVAL TIME DEPARTURE TIME
COMMENTS OR DELAYS AT TSDF		EQUIPMENT USED

PLEASE PRINT NAME/TITLE	TSDF SIGNATURE	DATE UNLOADED
	X	5/25/00 MO. DAY YR.

AR H-0257
PC 944
CT CY-HW-307
DE DE-HW-203
DE-SW-203
IL SWH-1540
ME ME-HWT-47
ME-WOT-47
MD HWH-167
96-OP-1765
MA MA-294
MN 61572
MO H-1490
ND WH-429
NH TNH-0047
NJ S-2265
15939
NY NJ-113
NOVA SCOTIA, CANADA NSC 000 147
OH UPW-0190713-OH
OK 3358
ONTARIO, CANADA A 840943
PA PA-AH-0067
QUEBEC, CANADA QC-6ML-047
RI RI-535
TX 40705
WI 11602

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

K 13734

NYG 1832049

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

SiR

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/5/99)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD000730408	Manifest Doc. No. NI 193	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
Niagara Mohawk Power Corporation
1125 Broadway, Albany, NY 12204-2505

4. Generator's Telephone Number (518) 433-3696

A. NYG 1832049

B. Generator's ID Same

5. Transporter 1 (Company Name)	6. US EPA ID Number	C. State Transporter's ID CA 4C 333 NF
Freehold Cartage Inc.	NJD054116164	D. Transporter's Telephone (732) 462-1001
7. Transporter 2 (Company Name)	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Telephone ( )
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
CWM Chemical Services, LLC 1550 Balmer Road Model City, NY 14107	NYD049836679	H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated biphenyl solution 9 UN2315 PG III (B002)	001	TT	EST. 00223 (34)	K	EPA STATE B002
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above	
a CJ1901	c	a T	c
b	d	b	d

15. Special Handling Instructions and Additional Information
ERG#171 Service Request # 557294 815300?6 Out of Service Date: 7-10-00
Emergency Contact: Chem Treck (800) 562-7611 Capitol Environmental (800) 560-2374

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
Jack Halloran	Jack Halloran	07	10	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
T. McCormick	[signature]	07	10	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
actual Recd ~~56~~ 5688K/1487G

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

Printed/Typed Name	Signature	Mo.	Day	Year
Eileen Carter	Eileen Carter	07	11	00

COPY 5—Generator—Mailed by TSD Facility

NYG 1832265

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

SIR

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/00)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	N Y D 0 0 0 0 7 3 0 4 0 8	NI238	1	

3. Generator's Name and Mailing Address
Niagara Mohawk Power Corporation
1125 Broadway, Albany, NY 12204-2505

4. Generator's Telephone Number (518) 433-3696

A. NYG 1832265

B. Generator's ID: Same

5. Transporter 1 (Company Name): Freehold Cartage Inc.
6. US EPA ID Number: N J D 0 5 4 1 2 6 1 6 4

C. State Transporter's ID: 0440427 NE
D. Transporter's Telephone (732) 462-1001

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services, LLC
1550 Balmer Road
Model City, NY 14107

10. US EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9

G. State Facility ID
H. Facility Telephone 716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated biphenyl solution 9 UN2315 PG III (B002)	0 0 1	T T	EST. 07920	K	EPA STATE B002
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. CJ1901
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T
b.
c.
d.

15. Special Handling Instructions and Additional Information
ERG#171 Service Request #559130 Out of Service Date: 7/25/00
Emergency Contact: Chem Treck (800) 562-7611 Capitol Environmental (800) 560-2374
8153086S

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Printed/Typed Name	Signature	Mo.	Day	Year
Ronald A. Swen	Ronald A Swen	07	25	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
[illegible signature]	[signature]	07	25	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space
Actual Recd ~~6418 K~~ 13254 K, 3479 G

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

Printed/Typed Name	Signature	Mo.	Day	Year
MARK T. LARUE	Mark T. LaRue	07	25	00

GENERATOR / TRANSPORTER / FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility


Printed on Recycled Paper