

PROJECT : Asbestos Abatement and Remediation of the Midtown Mall
LiRo JOB NO : 08-83-104

SHOP DRAWING/SUBMITTAL REVIEW COMMENTS

SUBMITTAL NO: _____

DESCRIPTION: Waste Characterization,
Management, and Disposal Plan

REVIEW STATUS: Amend and Resubmit

1. Cambria needs to notify the fire marshall/fire department of the location of the on-site haz/non-haz waste storage.
2. Please provide LiRo with a copy of the daily waste tracking logs.
3. If autos are used for transporting hazardous materials: Pollution liability broadened coverage for covered autos (endorsement CA 99 48) as well as proof of MCS 90 for Paradigm's insurance.
4. Paradigm does not have the required \$9 million Umbrella policy listed on their insurance certificate.
5. The Contractor shall conduct all sampling in the presence of the Construction Manager.
6. Please provide insurance certificates for all disposal facilities (CWM and American Recyclers Co.).
7. Please provide disposal acceptance letters from all disposal facilities.

MTW
REVIEWER

3/24/09
DATE

SPECIAL CONDITIONS
Sample Form CM 103

SUBMITTAL ITEM COVER SHEET

PROJECT: Asbestos & Hazardous Materials Abatement CM
of Midtown Plaza ARCH _____

CONTRACT #: <u>02150</u>		CONTRACTOR: <u>Cambria Contracting, Inc.</u>	
SPEC SECTION #: <u>02090</u>		SPEC SECT TITLE: _____	
SPEC SECT PAR: _____		REF / DWG #: _____	
SUBMITTAL ITEM DESCRIPTION: <u>SUBMITTAL # 103 CHARACTERIZATION & DISPOSAL SPECIAL WASTE</u> <u>SUBMITTAL # 106</u> " " " " <u>REGULATED WASTE</u> <small>(Include only one submittal item per coversheet, each copy must have a copy of the cover sheet attached)</small>			
SUBMITTAL ITEM SUPPLIER: <u>CAMBRIA CONTRACTING INC</u>			
SUBMITTAL ITEM MANUFACTURER: _____			
SUBMITTAL ITEM STATUS: (check one)		<input type="checkbox"/> ORIGINAL . OR . <input checked="" type="checkbox"/> RESUBMITTAL	
SUBMITTAL ITEM TYPE: (check one)			
<input type="checkbox"/> SHOP DRAWING	<input type="checkbox"/> SCHEDULE	<input type="checkbox"/> SAMPLE	<input type="checkbox"/> WARRANTY
<input type="checkbox"/> PRODUCT DATA	<input type="checkbox"/> TEST REPORT	<input type="checkbox"/> COLOR SAMPLE	<input type="checkbox"/> _____
LIST REMARKS &/OR DEVIATIONS FROM SPECIFICATIONS: _____			
I HAVE REVIEWED THIS SUBMITTAL ITEM AND VERIFY THAT IT DOES MEET THE SPECIFICATIONS EXCEPT AS NOTED ABOVE.			
<u>James Mc Leader</u> (Contractor Signature)		<u>8/21/09</u> (Date)	

FOR CONSTRUCTION MANAGER USE ONLY			
RCVD FROM CONTRACTOR		SENT TO ARCH / ENG	
Date: _____	Copies: _____	Date: _____	Copies: _____
RCVD FROM ARCH / ENG		SENT TO CONTRACTOR	
Date: _____	Copies: _____	Date: _____	Copies: _____
TSM FAST KEY #			
SUBMITTAL #			
REMARKS:			
cc: _____			
REVIEWED: _____			
By: _____		Date: _____	
<small>CONTRACTOR IS NOT RELIEVED FROM COMPLIANCE WITH CONTRACT DOCUMENTS AND REMAINS SOLELY RESPONSIBLE FOR ALL DIMENSIONS, QUANTITIES, ETC.</small>			

FOR ARCHITECT / ENGINEER USE ONLY			
RCVD FROM CM		SENT TO CM	
Date: _____	Copies: _____	Date: _____	Copies: _____
ARCHITECT / ENGINEER ACTION STAMP			
SHOP DRAWING REVIEW			
Remarks for general compliance with contract documents. Sole responsibility for correctness of dimensions, details, quantities and compliance with performance specifications, and safety during fabrication and construction shall remain with the contractor.			
<input type="checkbox"/> No Exceptions			
<input type="checkbox"/> Revise as Noted			
<input checked="" type="checkbox"/> Amend and Resubmit			
<input type="checkbox"/> Rejected			
By: <u>[Signature]</u>		Date: <u>8.24.09</u>	
LIRO ENGINEERS INC.			



Waste Characterization, Management
and Disposal Plan

Rev. P2

Asbestos and Hazardous Materials Abatement
of Midtown Plaza Complex

Project No: 1425

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Appendix A:

Appendix A – Summary - Haz. Mat. Report, LiRo Engineers, Inc Dated January 23, 2009

Attachments:

1. Staging Location for Hazardous/Universal Wastes
2. Route Maps & Permits
3. Laboratory Certification & Insurance – Paradigm Environmental

1. Introduction

The Midtown Plaza project site consists of five main buildings that comprise of approximately 1.6 million square feet of building space. The building comprised mainly of office space and retail shopping center. The site includes subsurface parking and service tunnels. The site is part of an overall urban renewal project for the City of Rochester.

The buildings included in the project are as follows:

- McCurdy Building (six stories)
- Euclid Building (four stories)
- Midtown Mall (two levels)
- Midtown Tower (seventeen stories)
- Seneca Building (seven stories)
- B.Forman Building (six stories)

The objective of the *Waste Sampling and Management Plan* is to characterize, manage, containerize, and legally transport and dispose of waste streams that will be generated as part of the abatement and selective demolition of the buildings located at The Midtown Plaza site. Activities described in the *Waste Sampling and Management Plan* are based on a preliminary evaluation of the conditions and materials observed in the Buildings. It is anticipated that a detailed assessment of the conditions and materials in the Buildings will be undertaken as one of the initial project activities. Additionally, it is anticipated that the *Waste Sampling and Management Plan* will be revised as the project progresses to ensure that project activities are consistent with applicable regulatory requirements and provides for protection of the public at large.

1.1 Abatement Phase

The abatement phase includes the cleaning and/or removal of all accessible contaminated interior surfaces and non-structural elements within the Building under containment. The friable asbestos abatement phase will occur under negative pressure containment and includes the following general categories: (a) the removal of fireproofing and insulations; (b) removal and disposal of installed porous and certain non-porous building materials and components; (c) cleaning and salvage of certain installed non-porous building equipment and components; (d) removal of building materials containing asbestos which were present in the Building prior to (e) packaging of asbestos and other regulated waste including, but not limited to light bulbs, lighting ballasts, batteries, mercury containing thermostats, etc. at generation points; (f) movement of containers to the decontamination unit and movement of decontaminated containers to waste loading.

1.2 Selective Demolition Phase

The selective demolition phase includes the deconstruction of the remaining interior and exterior walls and other non-structural elements. The building will be stripped of all building components and mechanical systems in preparation for demolition.

1.3 Waste Determinations

An inventory of the materials to be removed was conducted by Liro Engineering a copy of this report and the listing of wastes is included in Appendix B. Included in their report was the general character, regulatory classification, and approximate quantity will be undertaken as one of the

initial activities during the project. Cambria Contracting will examine and, if necessary, complete additional sampling and analysis, to characterize the each waste stream as it is generated. Based on the results of this characterization, and any analytical results received, Cambria Contracting will issue addenda to the Waste Sampling and Management Plan, if necessary. The Contractor or its authorized representative will ensure proper handling and disposal activities as described in this plan.

2. Building Components

The waste sampling and management plan has been developed to address the removal of all building contents and components, including waste generated during the abatement phase (i.e., asbestos and contaminants of potential concern, removal abatement, and soft strip/interior gut) and the selective demolition phase (nonstructural building elements). Anticipated waste streams are listed below. As necessary during the course of the project, additional contaminants and waste streams will be added to this list.

2.1 Contaminants

- Asbestos Containing Building Material (ACBM)
- Friable asbestos including fireproofing and insulations
- Non-friable materials including floor, transite, tar, etc.

2.2 Deconstruction Waste

- Wall and Ceiling Plaster
- Door Systems and Window Systems
- Wall masonry and tile
- Mechanical Electrical Plumbing (MEP) components including, but not limited to, heating, ventilation and air conditioning (HVAC) systems, plumbing, wiring, refrigeration equipment and kitchen components.

2.3 Miscellaneous Materials

Due to the extensive environmental assessment conducted by LIRO Engineers of the Buildings and its systems, additional regulated and/or hazardous waste is anticipated to be very limited in nature and scope. Regardless the *Waste Sampling and Management Plan* addresses the potential for regulated waste in the following categories:

- Light ballasts, bulbs and potting material
- Refrigerants
- Fire extinguishers
- Fuel tanks, miscellaneous drums and oils
- Accumulated waste, paints, cleaning supplies, etc.
- Mercury containing thermostats and switches

2.4 Structure & Exterior/Interior Walls

At completion of the abatement phase, the some of the interior and exterior walls of the building will remain. The interior materials will have been pressure washed and spray-encapsulated as

needed. The classification of building components and contents will be an ongoing effort and will be conducted by Cambria Contracting in accordance with applicable New York State and federal laws, rules, and regulations.

3. Waste Characterization Strategy

Waste generated during the project will be characterized, managed, transported and disposed of in compliance with this Waste Sampling and Management Plan and applicable regulations.

For materials requiring sampling, a representative sampling strategy will be used as detailed in Section 4.0, and composite samples representative of the final waste streams will be collected. The locations and frequency of samples to be combined into composite samples shall be determined by Cambria Contracting such that a representative sample of the waste type has been obtained. All sampling personnel shall be familiar with sample collection and waste storage protocols and shall have undergone Hazard Communication training in accordance with 29 CFR section 1910.1200 as well as being trained appropriately per the Health and Safety Plan.

The waste classification samples will be sent to a New York State Environmental Laboratory Approval Program (ELAP) certified (6 NYCRR Section 370.1(f)) and qualified laboratory for waste classification analysis (e.g., TCLP and RCRA characteristics) to determine appropriate waste classification and handling requirements (40 CFR section 262.11). Other sampling and laboratory analysis may be required by the disposal facility prior to waste acceptance. The laboratory subcontracted to perform the analysis will also be certified through the National Environmental Laboratory Accreditation Program (NELAP) for the analytical parameters being analyzed, so there is assurance that the laboratory has passed a nationally recognized quality assurance program that includes audits, analysis of blind performance samples to check data quality and meeting certain minimum technical standards for the qualifications of testing personnel. Upon receipt of analytical results, determination of waste classification and identification of disposal facilities, Cambria Contracting will identify applicable regulatory requirements for waste handling, worker training and protection (e.g., specific training/certifications, personal protection equipment), packaging (e.g., type of packaging, marking, labeling), transporting (e.g., placarding, shipping papers), waste routing and disposing of these wastes.

Since waste classification samples will be collected from in-place materials, on-site storage of structure and facade wastes for waste classification will not be required. Rather, all removed materials will be placed into their applicable disposal containers/vehicles for off-site shipment. All potentially hazardous waste will be managed as hazardous waste until analytical laboratory results are received. If the structural and/or wall components test as hazardous waste, they will be handled and disposed of as hazardous waste as a part of the abatement phase. If greater than 100 kg/month of hazardous waste is generated during the deconstruction process, Contractor will comply with, among other regulations, 6 NYCRR Part 373, Subpart 373-3, Section 373-3.3(b).

If results of waste characterization sampling and analysis dictate that waste material must be managed and disposed of as both asbestos and hazardous waste, both asbestos and hazardous waste management and disposal requirements will be met.

3.1 Contaminants

Full-building asbestos surveys have been conducted, and in-place ACM has been identified and located. No further characterization will be conducted unless site conditions reveal additional suspect materials not addressed in the ACM surveys.

3.2 Deconstruction Waste

Deconstruction waste sampled and analyzed for RCRA characteristics will include:

- Wall and Ceiling Plaster
- Any building components/materials not currently identified as part of the initial confirmatory sampling event will be sampled during the abatement phase of the project as necessary.
- Personal protective equipment, filters, etc. will be assessed to determine their classification as waste and managed/disposed of appropriately.

3.3 Miscellaneous Materials

Due to the extensive assessment by Liro Engineering of the buildings and its systems, additional regulated and/or hazardous waste is anticipated to be very limited in nature and scope. Regardless, the Waste Sampling and Management Plan addresses the potential for regulated waste in the following categories:

- Light ballasts and potting material
- Refrigerants
- Fire extinguishers
- Fuel tanks and oil
- Accumulated waste
- Mercury containing thermostat and switches

Cambria Contracting will conduct daily inspections of the abatement work area to identify suspect components for segregation and testing and/or other determination. Any material classified as "unknown" during the project will require sample collection and analysis for full RCRA characteristics in accordance with 40 CFR Part 261 and will be disposed of based upon the results of that sampling and the nature of the waste. If the material is classified as RCRA hazardous waste, additional sampling may be required for "total" concentrations of specific contaminants to determine whether the waste may be land filled or is restricted from land disposal pursuant to 40 C.F.R. Part 268; the analyses to be conducted will depend on the specific waste classification of the waste.

Used PPE and spent filters will be packaged, handled and disposed of as ACM Waste. If additional categories of waste are observed during the work that are suspected to have different waste characteristics than those sampled, these materials will be sampled for waste characterization prior to removal. Materials similar in composition to those sampled would then not be sampled for RCRA characteristics unless there is an independent concern that they might be hazardous waste due to the inherent composition of the component, subcomponent or waste stream (e.g., light ballasts which may contain PCBs, items coated with lead-based paint). Porous deconstruction waste will be disposed of according to the results of waste characterization sampling, if necessary, and as ACM at a minimum. Non-Porous Deconstruction Waste may be managed by either of two options. The abatement contractor may choose to clean the nonporous surfaces in accordance with procedures outlined in the Specification for Abatement and Selective

Demolition. Alternatively, based on field conditions and decisions regarding the use of its labor force, the Abatement contractor may choose to not clean the surfaces and instead manage those un-cleaned non-porous materials as asbestos waste at a minimum or otherwise, if required, as determined by the RCRA characteristics sampling. Porous and non-porous miscellaneous materials will be handled, packaged and disposed in the same manner as demolition wastes as described in Section 3.2. Those miscellaneous materials specified in Section 2.3 that were not sampled as part of the initial confirmatory sampling event will be sampled if required as specified in Sections 5.2 and 5.3 during the abatement phase of the project.

3.4 Structure & Exterior/Interior Walls

At completion of the abatement phase the majority of the interior and exterior walls of the building will be removed. The interior materials will have been pressure washed and spray-encapsulated as needed, and the exteriors will have been pressure washed.

4. Analytical Methodologies

If testing is deemed necessary, waste characterization will be performed according to the following methodologies. Where more than one method is identified, each analytical method is valid per the regulations. All allowable methods are included in this plan to allow for flexibility in selecting an analytical laboratory or laboratories.

4.1 Ignitability

The characteristic of ignitability carries the RCRA waste code of D001, and may be analyzed for using American Society of Testing Materials (ASTM) method D-93-79 or D-93-80 or D-3278-78.

4.2 Corrosivity

The characteristic of corrosivity carries the RCRA waste code of D002, and may be analyzed using Method 9045D or 9040C as set forth in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. SW-846 method 9040 C is for aqueous wastes and multiphase waste where the aqueous phase constitutes at least 20% of the total volume of the waste; 9045D is for soils and waste samples where the waste may be solids, sludges, or nonaqueous liquids. The aqueous phase must be less than 20% of the total volume of the waste. National Association of Corrosion Engineers (NACE) Standard TM-01-69 as standardized in SW-846 shall be utilized to evaluate corrosion rate if the suspected corrosive hazardous waste is a liquid.

4.3 Reactivity

The characteristic of reactivity carries the RCRA waste code of D003, and may be analyzed using the analytical methods outlined in sections 7.3.3.2 or 7.3.4.2 of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. The referenced sections are from SW-846 Chapter Seven: Characteristics Introduction and Regulatory Definitions. They are specifically for Reactivity. Chapter Seven was revised to reflect the withdrawal of the reactive cyanide and sulfide guidance in sections 7.3.3 ("Interim Guidance for Reactive Cyanide") and 7.3.4 ("Interim Guidance for Reactive Sulfide"), and to replace certain characteristic explanatory text with referrals to the regulations themselves. This change can be found in the Proposed Update IIIB to SW-846.

4.4 Toxicity

The characteristics of toxicity carry the RCRA waste codes of D004 through D043.

Each waste code identifies the specific chemical component for which the waste is classified as toxic. The samples to be analyzed for the characteristic of toxicity must be prepared using the Toxicity Characteristic Leaching Procedures (TCLP) per Method 1311 in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. The analytical method applied to the resulting leachate depends on the type of chemical being analyzed for, as follows:

- Volatile organic compound (VOC) toxic constituents will be analyzed by Method 8260B of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. VOC toxic constituents include benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), 1,4-dichlorobenzene (D027), 1,2-dichloroethane (D028), 1,1-dichloroethylene (D029), methyl ethyl ketone (D035), tetrachloroethylene (D039), trichloroethylene (D040), and vinyl chloride (D043).
- Semivolatile organic compound (SVOC) toxic constituents will be analyzed by Method 8270C of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. SVOC toxic constituents include 2,4-dinitrotoluene (D030), hexachlorobenzene (D032), hexachlorobutadiene (D033), hexachloroethane (D034), o-cresol (D023), m-cresol (D024), p-cresol (D025), cresol (D026), nitrobenzene (D036), pentachlorophenol (D037), pyridine (D038), 2,4,5-trichlorophenol (D041), and 2,4,6-trichlorophenol (D042).
- Pesticide toxic constituents will be analyzed by Method 8081A of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. Pesticide toxic constituents include chlordane (D020), endrin (D012), heptachlor and its epoxide (D031), lindane (D013), methoxychlor (D014), and toxaphene (D015).
- Herbicide toxic constituents will be analyzed by Method 8151A of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. Herbicide toxic constituents include 2,4-D (D016) and 2,4,5-TP (also known as Silvex, D017).
- Mercury (D009) will be analyzed by Method 7470A (aqueous samples) of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846.
- Metals/inorganics other than mercury will be analyzed by Method 6010B, or Method 6020 of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846. These constituents include arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), selenium (D010), and silver (D011).
Generally, building components would not be considered as possible RCRA characteristic wastes, typically be sampled for TCLP RCRA Metals), as well as miscellaneous materials containing hazardous components (i.e., transformers, ballasts, lamps)

The results of RCRA characteristic analyses, the classification of the material based on historical information and environmental assessments that have been completed.

5. Sampling Frequencies and Disposal

5.1 Contaminants

Asbestos Containing Building Materials (ACBMs) at the site have been identified and located. These results will be available prior to the commencement of site work. Disposal will be according to the friable or non friable materials.

5.2 Deconstruction Waste

For each of the deconstruction waste materials listed in Section 2.2, waste samples will be collected if required from different locations and functional spaces in the buildings. TCLP Lead testing of plaster wall in the McCurdy building will be conducted.

5.3 Miscellaneous Materials

Due to the extensive environmental assessment completed by Liro Engineers, and use of the building and its systems, additional miscellaneous regulated and/or hazardous waste is anticipated to be very limited in nature and scope. Cambria Contracting will conduct daily inspections of the abatement work area to identify suspect components for segregation and testing and/or other determination. Cambria Contracting will make determinations as to the appropriate testing required to characterize any materials encountered.

5.3.1 Light Ballasts and other PCB Wastes

During deconstruction activities, as ballasts are removed from lighting fixtures, the Abatement contractor shall containerize ballasts for disposal as PCB waste. All ballasts, including those labeled "No PCB" will be containerized for disposal as PCB waste due to the presence of potting material. For potentially PCB-containing equipment other than ballasts, PCB samples may be required to determine whether the dielectric fluid contains more than 50 parts per million (ppm) PCBs, which would make the equipment subject to the PCB regulations. SW-846 Method 8082, Analysis of Polychlorinated Biphenyls by Gas Chromatography is specified by regulation for determining the concentration of PCBs in wastes.

Ballasts (all assumed to contain PCBs) shall be handled, packaged and labeled as required for disposal as a PCB regulated waste. Other wastes potentially containing PCBs, such as caulking, will be assessed during the initial detailed inventory to determine which, if any, should be managed as PCB containing material. All hauler, transportation and disposal facility requirements shall also conform to the requirements for this category of waste. Shipments of PCB waste must be in properly labeled and marked containers, the waste must be shipped under a properly executed manifest and Land Disposal Restriction (LDR) form, the transporter must have a valid EPA Identification number and must have a valid New York State Part 364 transporter permit as well as the latest version of U.S. Department of Transportation's Emergency Response Guide (2004). The vehicle in which PCB wastes are being shipped must be properly placarded and marked to reflect that it is transporting PCBs and must also be marked with the New York State waste transporter permit number on its sides and rear. Disposal facilities that accept PCB wastes must have an EPA Identification number and have received TSCA authorization from the EPA and any additional state permits for the disposal/management of PCBs applicable to the state in which the facility is located. The disposal facility must comply with all manifesting requirements specified in the regulations and must prepare a certificate of destruction and send it to the generator or the generator's agent.

5.3.2 Universal Waste

Large quantities of materials that could be categorized as Universal Waste are anticipated to be encountered at this site. For those materials encountered, they are addressed by this WMP. 40 CFR Part 273 and 6 NYCRR Section 374.3 establish requirements for managing universal wastes. Universal wastes are those wastes that would reasonably be expected to be classified as hazardous wastes but, due to their universal use in industrial and residential properties, regulations were created that would ensure that they were managed in a manner that prevented harm to the environment while reducing the regulatory burden on generators of these wastes. Universal wastes include the following waste types:

- Batteries as described in 40 CFR section 273.2 and 6 NYCRR Section 374-3.1(b)
- Pesticides as described in 40 CFR section 273.3 and 6 NYCRR Section 374-3.1(c)
- Thermostats as described in 40 CFR section 273.4 and 6 NYCRR Section 374-3.1(d)
- Lamps as described in 40 CFR section 273.5 and 6 NYCRR Section 374-3.1(e)

Given that such wastes will be large in quantity at this site, these wastes, if encountered, will be managed according to hazardous waste regulations. Non-hazardous construction and demolition materials may contain regulated refrigerant including, but not limited to, possible refrigerant in the air conditioning and refrigeration systems. The refrigerant will be removed prior to disposal.

Refrigerant-containing equipment would be considered an appliance and is excluded from definition of C&D debris. For refrigerant-containing equipment the following procedures shall be followed:

- Verify refrigerant has been removed. If not, a licensed refrigerant removal service must be called to properly dispose of refrigerant.
- Equipment that contains refrigerant will be HEPA vacuumed and wet wiped before being staged in a clearly demarcated on-site area until the refrigerant has been removed by a licensed refrigerant removal service.
- Remove door on refrigerators and freezers. Waste Sampling and Management Plan
- After removal of refrigerant and otherwise rendering the appliance safe, recycle or dispose of the appliances as scrap metal or as municipal solid waste, respectively.

5.3.3 Accumulated Waste

The building currently contains miscellaneous accumulated waste, primarily associated with previous tenant uses and maintenance. These materials will be inspected, categorized (i.e., cleaning supplies, lubricants) and sampled for RCRA characteristics. These materials will be disposed of according to the results of the waste characterization sampling.

5.3.4 Fire Extinguishers

In the case of both charged and discharged fire extinguishers, the manufacturer of the fire extinguisher will be contacted for the proper discharge and disposal method. Alternately, local fire department(s) may be contacted to determine if they would like to acquire the charged fire extinguishers in volunteer or community training exercises. If the above approaches prove impractical, fire extinguishers shall be depressurized in accordance with manufacture's recommendations and all regulatory requirements. Contained media shall be collect upon depressurization, characterized, and recycled or disposed, if and as required. Empty extinguisher

bodies shall be rendered inoperable by cutting in half or puncturing, then recycling as scrap metal or disposing as municipal solid waste. If fire extinguishers are found, Cambria Contracting will make a determination.

5.3.5 PPE/Filters

PPE/Filters will be assessed to determine their classification as waste. Initial RCRA TCLP characterization will be performed to ensure that they are disposed of in accordance with applicable hazardous waste regulations.

5.4 Structure & Exterior/Interior Walls

If sampling is required in addition to the sampling previously completed by LiRo, sampling of the structure and wall materials will be conducted to confirm the waste status of the structure and the walls prior to commencement of the selective demolition phase. For each of the structural and wall material categories noted at the site, two confirmatory waste samples will be collected and composited for analysis. Samples will be collected from various locations and functional spaces within each building. Results will be available prior to the commencement of the selective demolition phase. Disposal will be according to the waste characterization sampling.

6. Non-Porous (Cleanable) Waste

For cleaned (wet-wiped/HEPA-vacuumed) non-porous deconstruction waste, TCLP Metals samples will not be collected unless the non-porous components were determined in the Hazardous Materials Survey Prepared by LiRo to be lead painted and to be disposed of (i.e., not recycled). Cleaned painted scrap metals that are recycled are exempt from the below described waste characterization sampling and analysis.

Likewise, cleaned, painted, non-porous deconstruction waste with TCLP RCRA metals results of less than applicable standards would also be classified, managed and recycled/disposed of as non-hazardous construction and demolition (C&D) debris. Cleaned, painted, non-porous deconstruction waste with TCLP RCRA metals results greater than applicable standards would be classified, managed and disposed of as hazardous waste with the toxicity characteristic of the exceeded RCRA Characteristic.

7. Waste Packaging & Storage

Locked waste storage areas will be established in the Building to accommodate both categorized waste awaiting transport and suspect waste awaiting analyses. Storage areas will be plasticized, and any liquid storage will have secondary containment. Storage areas will be secured to prevent unauthorized access or removal of waste. Incompatible waste streams will be segregated, and waste labeling and signage will be in strict accordance with regulations. Within the storage area, posted signs, labeled accumulation start dates, labeled description of the waste, aisle space, proper segregation of incompatible and or/ignitable waste, etc. will be inspected on a daily basis by the Cambria Contracting. All containers at the Building will have proper labeling, which includes information such as waste type and accumulation date.

7.1 Hazardous Waste

Hazardous waste will be placed in containers made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored so that the ability of the container to contain the waste is not impaired (e.g., USDOT approved drums, bags, roll-off

containers) and transferred to the waste storage area pending transport. While being accumulated on-site, each container shall be labeled or marked clearly with the words, "Hazardous Waste". Containers will be inspected at least weekly to identify any leaks, and/or deterioration caused by erosion or other factors, and to ensure containers are not over-packed. Hazardous waste will not be placed in an unwashed container that previously held an incompatible waste. Any disposal container holding a hazardous waste that is incompatible with any waste or other materials contained nearby will be separated from the other materials or protected from them by means of a dike, berm, wall, or other device.

7.2 Universal Waste

Universal waste will be handled, packaged, and stored pending transport according to all regulations governing universal wastes. Refer to Section 7.1.

7.3 Asbestos Waste

Waste containing asbestos will be wet down to prevent visible emissions of asbestos dust into the air. The asbestos waste will be sealed while wet in a leaktight container. A supply of leak tight containers will be kept in the waste storage area to provide adequate repackaging if a break in the container should occur. Storage area shall be maintained under a negative pressure ventilation system. ACM packaging and waste decontamination procedures will be in accordance with will be required if accumulation of asbestos is anticipated to be greater than 50 cubic yards. Containers holding asbestos waste will be inspected daily to ensure no visible emissions of asbestos dust in the air or breaks in the container.

7.4 Oils/Fuels

Fuels and oils collected will be pumped to new, clean 55-gallon drums or bulk tanker. Aliquots from each container will be collected. If oils are to be bulked for transport and disposal the aliquots will be composited. Each composite sample will be analyzed for RCRA characteristics and will be tested as required to comply with NYS DEC disposal regulations. All filtration media and PPE associated with this operation will be handled as ACM waste at a minimum pending Waste determination. All required permits will be obtained for disposal or reuse.

7.5 PCB Waste

Non-leaking PCB waste (i.e., PCB bulk product waste, including fluorescent light ballasts) will be packaged in suitable containers, properly labeled and stored for transport in the Waste Storage Area. Any leaking PCB articles or containers will be transferred to properly marked, non-leaking containers or an over-pack container, and likewise labeled and stored for transport.

8. Transportation Requirements

All waste materials will be transported in accordance with applicable local, state and federal DOT regulations including, but not limited to, bills of lading, manifests, placards, etc. All wastes will be shipped using properly permitted vehicles operated by drivers with Commercial Drivers Licenses (CDLs) and Hazardous Materials endorsements. All hazardous waste will be shipped using transporters with RCRA identification numbers. The actual modes of transportation to be utilized will be determined following the identification of all anticipated waste streams and will take into

account the location and distance to the selected disposal facility as well as cost considerations. All off-site shipments of waste will adhere to the site-specific transportation requirements. As required by NYSDEC (6 NYCRR Part 364) all hazardous and asbestos wastes will be transported using Part 364 permitted haulers.

9. Travel Routes

Travel route(s) will be determined following discussion with the appropriate regulatory agencies (e.g., New York State Department of Transportation). The selected waste transporter(s) will follow the designated travel routes. See attachments.

10. Disposal Facilities

Waste recycling/disposal facilities will be selected based on several factors including waste types, facility acceptance criteria, regulatory compliance history.

Potential facilities to be used include:

- *Friable Asbestos:*
Waste Management – High Acres
425 Perinton Parkway
Fairport, NY 14450
IESI - Seneca Meadows, Inc.
1786 Salcman Road
Waterloo, New York 13165
- *Non Friable Asbestos:*
Waste Management – High Acres
425 Perinton Parkway
Fairport, NY 14450
IESI - Seneca Meadows, Inc.
1786 Salcman Road
Waterloo, New York 13165
- *C&D Materials:*
Waste Management
425 Perinton Parkway
Fairport, NY 14450
- *Hazardous Wastes:*
CWM Chemical Services, L.L.C.
1550 Balmer Road
Model City, New York 14107
- *Fuel Tanks/Oil:*
NOCO Energy
2440 Sheridan Drive
Tonawanda, NY 14150

Only those facilities that are approved and have valid federal/state/local permits to accept the waste type proposed for recycling/disposal at the facility will be used.

11. Documentation

All applicable local, state and federal documentation and record keeping requirements/guidelines will be followed. Documentation for hazardous waste disposal includes:

- All analytical results
- Hazardous Waste Manifesting
- EPA Generator ID
- EPA transporter ID
- EPA ID for waste disposal facility
- Waste storage locations and capacities.

Also documented will be emergency notification and operating procedures, organizational chart, unexpected waste procedures, contractor involvement list and copies of the regulatory requirement certifications of transporters, disposal facilities, etc. Specific regulatory documentation may change depending on the types and amounts of waste to be generated. The Contractor shall be responsible for document management. All documentation noted under this section shall be retained for a period of not less than three years after the completion of the project.

Appendix A

Summary from Hazardous Materials Report

By LiRo Engineers, Inc, Dated January 23, 2009

Mldtown Plaza Hazardous Materials Report



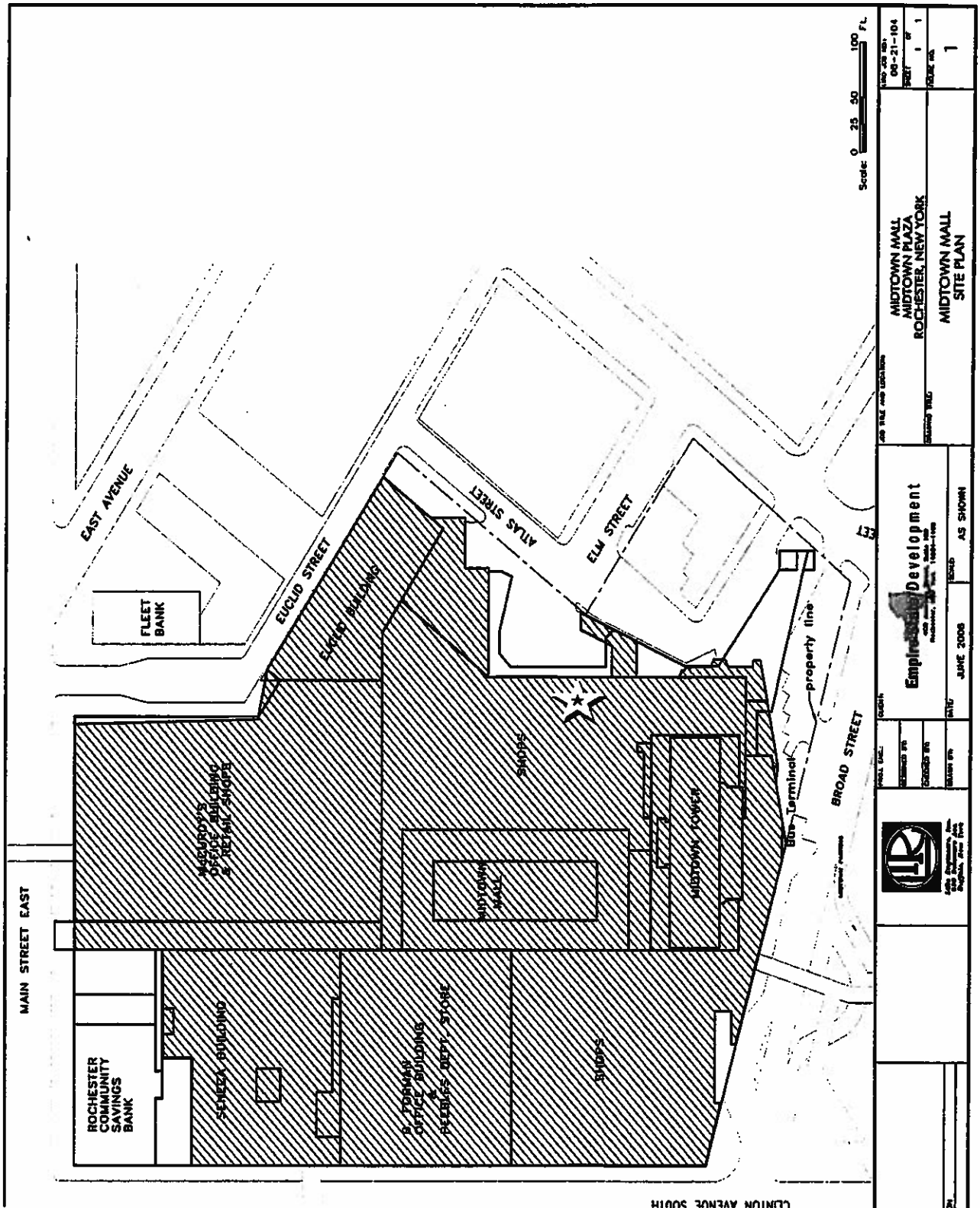
LiRo Engineers, Inc.

Notes:

1. Additional hazardous materials such as gear box motors (non-PCB oil), fire extinguishers and water fountains are not quantified in this table, but are identified throughout this HJM report.
2. Ionization smoke detectors are not quantified in this HJM report, however they are present in abundance throughout all areas of the facility as is expected for commercial office and retail space and shall require disposal in accordance with all applicable regulations.
3. An abundance of mercury vacuum tubes and potentially PCB containing capacitors are located in the elevator houses throughout the Site and will require proper disposal. These materials have not been quantified, but shall require disposal in accordance with all applicable regulations.

Attachment 1

Hazardous/Universal Waste Storage Location



Staging Location for hazardous and universal wastes

Attachment 2

Waste Recycling and Disposal

Waste Management - High Acres
425 Perinton Parkway
Fairport, NY 14450

IESI - Seneca Meadows, Inc.
1786 Salcman Road
Waterloo, New York 13165

CWM Chemical Services, L.L.C.
1550 Balmer Road
Model City, NY 14107

American Recyclers Company
177 Wales Avenue
Tonawanda, NY 14150

- Route Map – Waste Management – High Acres
- Permit – Waste Management – High Acres
- Route Map – IESI Seneca Meadows
- Permit – IESI Seneca Meadows
- Route Map – CWM Chemical Services, L.L.C.
- Permit – CWM Chemical Services, L.L.C.
- Route Map – American Recyclers Company
- Permit – American Recyclers Company

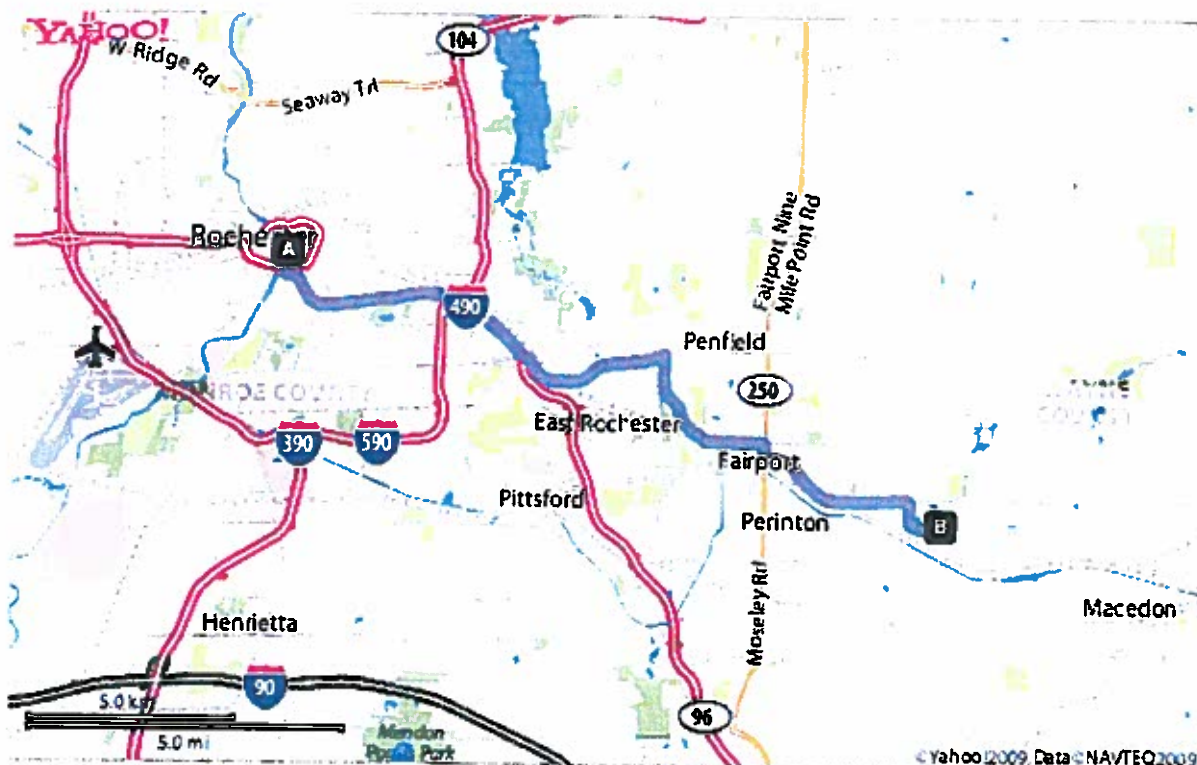
Directions to 425 Perinton Pky, Fairport, NY 14450-9104

Total Time: 28 mins, Total Distance: 14.85 mi

YAHOO!

A	1. Start at 140 CLINTON SQ, ROCHESTER going toward STONE ST	go 0.12 mi
	2. Turn L on SOUTH AVE(RT-31 E)	go 479 ft
	3. Take ramp onto I-490 E	go 4.89 mi
	4. Take exit #23/LINDEN AVE/PENFIELD toward LINDEN AVE/PENFIELD	go 0.16 mi
	5. Turn L on LINDEN AVE(RT-441)	go 420 ft
	6. Continue to follow RT-441	go 2.71 mi
	7. Turn R on FIVE MILE LINE RD(CR-18)	go 0.46 mi
	8. Continue on WHITNEY RD(CR-17)	go 2.32 mi
	9. Turn R on N MAIN ST(RT-250)	go 0.25 mi
	10. Turn L on HIGH ST	go 0.51 mi
	11. Bear R on MACEDON CENTER RD(RT-31F)	go 2.27 mi
	12. Turn R on PERINTON PKY	go 0.99 mi
B	13. Arrive at 425 PERINTON PKY, FAIRPORT, on the R	

Time: 28 mins, Distance: 14.85 mi



DEC PERMIT NUMBER 8-2644-00048/00032
FACILITY/PROGRAM NUMBER(S) 28932



PERMIT

Under the Environmental
Conservation Law (ECL)

EFFECTIVE DATE 07/09/2003
Modified 11/05/96, 12/11/97, 6/10/98, 8/30/00 & 8/27/01, 3/27/03 EXPIRATION DATE(S) 07/09/2013

TYPE OF PERMIT ☐ NEW ☒ Renewal ☐ Modification ☒ PERMIT TO CONSTRUCT ☒ Permit to Operate

- | | | |
|---|--|---|
| <input type="checkbox"/> Article 15, Title 5:
Protection of Waters | <input type="checkbox"/> 6NYCRR 608: Water Quality
Certification | <input checked="" type="checkbox"/> Article 27, Title 7;
6NYCRR 360: Solid Waste
Management |
| <input type="checkbox"/> Article 15, Title 15:
Water Supply | <input type="checkbox"/> Article 17, Titles 7, 8:
SPDES | <input type="checkbox"/> Article 27, Title 9;
6NYCRR 373: Hazardous
Waste Management |
| <input type="checkbox"/> Article 15, Title 15:
Water Transport | <input type="checkbox"/> Article 19: Air Pollution
Control | <input type="checkbox"/> Article 34: Coastal
Erosion Management |
| <input type="checkbox"/> Article 15, Title 15: Long
Island Wells | <input type="checkbox"/> Article 23, Title 27:
Mined Land Reclamation | <input type="checkbox"/> Articles 1, 3, 17, 19, 27,
37; NYCRR 380: Radiation
Control |
| <input type="checkbox"/> Article 15, Title 27:
Wild, Scenic
and Recreational Rivers | <input type="checkbox"/> Article 24: Freshwater
Wetlands | <input type="checkbox"/> Other: |
| | <input type="checkbox"/> Article 25: Tidal Wetlands | |

PERMIT ISSUED TO Waste Management of New York, LLC		TELEPHONE NUMBER (585) 223-6132	
ADDRESS OF PERMITTEE 425 Perinton Parkway, Fairport, NY 14450			
CONTACT PERSON FOR PERMITTED WORK Jeffrey Kocian		TELEPHONE NUMBER (585) 223-6132	
NAME AND ADDRESS OF PROJECT/FACILITY High Acres Western Expansion Landfill, 425 Perinton Parkway, Fairport, NY 14450			
LOCATION OF PROJECT/FACILITY Perinton Parkway, Fairport, NY 14450			
COUNTY Monroe	TOWN Perinton	WATERCOURSE Water Body:	NYTM COORDINATES E: N:
DESCRIPTION OF AUTHORIZED ACTIVITY:			
Construction and Operation of Mixed Solid Waste Landfill with an approved design capacity of 3500 tons per day. This permit is modified effective 3/27/03 to allow construction of the Parkway Expansion Phase II. Operation of any portion of this expansion shall be following approval of construction certification report(s).			

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

PERMIT ADMINISTRATOR: <i>Peter A. Lent</i>	ADDRESS 6274 E. Avon-Lima Rd, Avon, NY 14414		
AUTHORIZED SIGNATURE <i>Peter A. Lent</i>	DATE <i>July 8, 2003</i>	Page <u>1</u> of <u>16</u>	

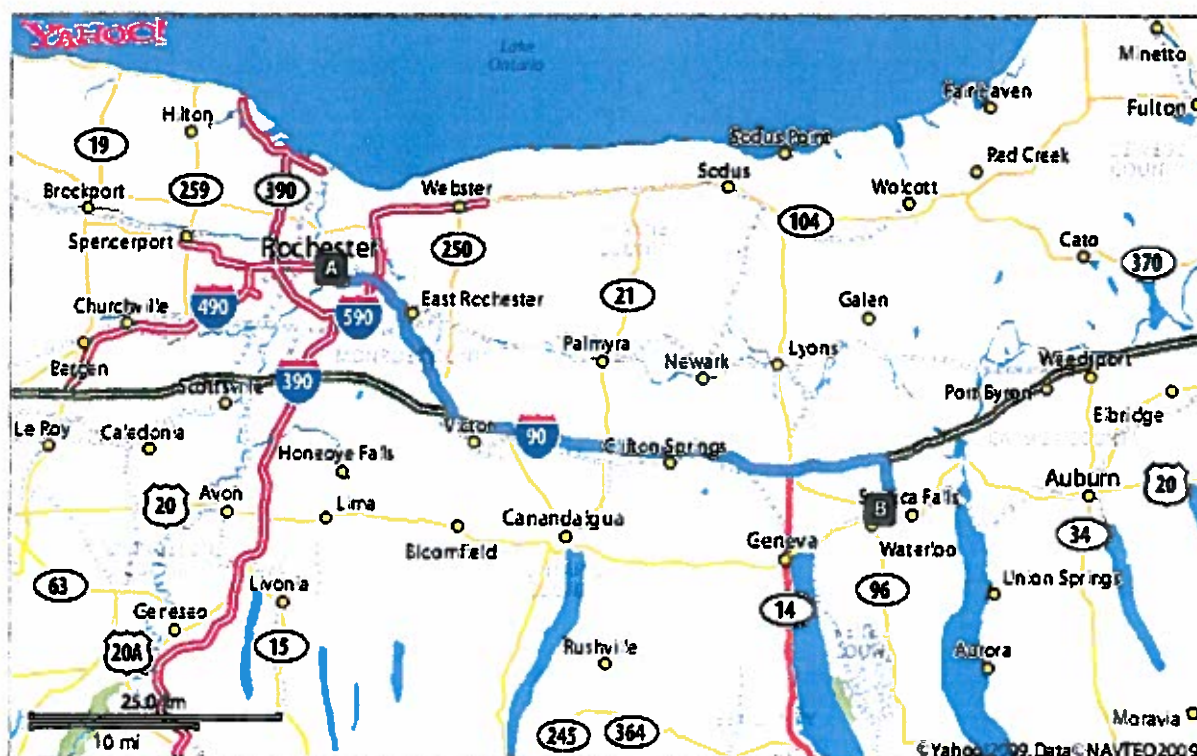
Directions to Seneca Meadows Incorporated (315) 539-5624



Total Time: 53 mins, Total Distance: 50.19 mi

	Distance
A 1. Start at 140 CLINTON SQ, ROCHESTER going toward STONE ST	go 0.12 mi
2. Turn L on SOUTH AVE(RT-31 E)	go 479 ft
3. Take ramp onto I-490 E	go 14.61 mi
4. Take ramp onto I-90 E toward ALBANY (Toll applies)	go 30.9 mi
5. Take exit #41/WATERLOO/CLYDE onto RT-414 toward WATERLOO (US-20)/SENECA FALLS (RT-5) (Toll applies)	go 3.79 mi
6. Turn R on SALCMAN RD	go 0.68 mi
B 7. Arrive at 1786 SALCMAN RD, WATERLOO, on the L	

Time: 53 mins, Distance: 50.19 mi



When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DEC PERMIT NUMBER 8-4532-00023/00001-0
FACILITY/PROGRAM NUMBER(S) 50S08



PERMIT
Under the Environmental
Conservation Law (ECL)

EFFECTIVE DATE Renewed October 11, 2007
EXPIRATION DATE(S) October 10, 2017 Modified: <u>11/26/2008</u>

TYPE OF PERMIT ☐ NEW ☐ Renewal ☒ Modification ☒ PERMIT TO CONSTRUCT ☒ Permit to Operate

- | | | |
|---|--|---|
| <input type="checkbox"/> Article 15, Title 5:
Protection of Waters | <input type="checkbox"/> 6NYCRR 608: Water Quality
Certification | <input checked="" type="checkbox"/> Article 27, Title 7;
6NYCRR 360: Solid Waste
Management |
| <input type="checkbox"/> Article 15, Title 15:
Water Supply | <input type="checkbox"/> Article 17, Titles 7, 8:
SPDES | <input type="checkbox"/> Article 27, Title 9;
6NYCRR 373: Hazardous
Waste Management |
| <input type="checkbox"/> Article 15, Title 15:
Water Transport | <input type="checkbox"/> Article 19: Air Pollution
Control | <input type="checkbox"/> Article 34: Coastal
Erosion Management |
| <input type="checkbox"/> Article 15, Title 15:
Long Island Wells | <input type="checkbox"/> Article 23, Title 27:
Mined Land Reclamation | <input type="checkbox"/> Articles 1, 3, 17, 19, 27,
37; NYCRR 380: Radiation
Control |
| <input type="checkbox"/> Article 15, Title 27:
Wild, Scenic
and Recreational Rivers | <input type="checkbox"/> Article 24: Freshwater
Wetlands | <input type="checkbox"/> Other: |
| | <input type="checkbox"/> Article 25: Tidal
Wetlands | |

PERMIT ISSUED TO IESI-Seneca Meadows, Inc.		TELEPHONE NUMBER (315) 539-5624	
ADDRESS OF PERMITTEE 1786 Salcman Road, Waterloo, NY 13165			
CONTACT PERSON FOR PERMITTED WORK Thomas Hasek		TELEPHONE NUMBER (315) 539-5624	
NAME AND ADDRESS OF PROJECT/FACILITY IESI-Seneca Meadows, Inc., 1786 Salcman Road, Waterloo, NY 13165			
LOCATION OF PROJECT/FACILITY 1786 Salcman Road, Waterloo, NY 13165			
COUNTY Seneca	TOWN Seneca Falls	WATERCOURSE Water Body:	NYTM COORDINATES A/B E:712250 N:1015000 SE E:713500 N:1011000
DESCRIPTION OF AUTHORIZED ACTIVITY:			
Construction and Operation of Mixed Solid Waste Landfills (Existing, A/B Overfill, Southeast and 2007 Expansion) with an approved design capacity of 6000 tons per day. Modified to include Article 24 conditions.			

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

PERMIT ADMINISTRATOR: <i>Peter A. Lent</i>	ADDRESS 6274 E. Avon-Lima Rd, Avon, NY 14414		
AUTHORIZED SIGNATURE <i>Peter A. Lent</i>	DATE <u>11/26/2008</u>	Page <u>1</u> of <u>23</u>	

Directions to Model City, NY

Total Time: 1 hours 36 mins, Total Distance: 92.19 mi

YAHOO!

	Distance
A 1. Starting in ROCHESTER, NY on N PLYMOUTH AVE go toward CHURCH ST	go 0.17 mi
2. Turn L to take ramp onto I-490 W	go 22.38 mi
3. Take ramp onto I-90 W toward BUFFALO (Toll applies)	go 41.73 mi
4. Take exit #50/NIAGARA FALLS onto I-290 W (Toll applies)	go 9.85 mi
5. Take the NIAGARA FALLS exit onto I-190 N (Portions toll)	go 14.29 mi
6. Take exit #25A/LEWISTON	go 0.11 mi
7. Turn L on MILITARY RD(RT-265)	go 0.13 mi
8. Turn R on UPPER MOUNTAIN RD(CR-11)	go 2.53 mi
9. Turn L on INDIAN HILL RD(CR-11)	go 0.44 mi
10. Bear L on INDIAN HILL RD(CR-11)	go 0.11 mi
11. Continue on MODEL CITY RD	go 0.46 mi
B 12. Arrive at the center of MODEL CITY, NY	

Time: 1 hours 36 mins, Distance: 92.19 mi



When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DEC PERMIT NUMBER

9-2934-00022/00097

FACILITY/PROGRAM NUMBER(S)

EPA ID No. NYD049836679



PERMIT

Under the Environmental
Conservation Law

EXPIRATION DATE

August 5, 2010

RENEWAL

TYPE OF PERMIT: Article 27, Title 9: 6NYCRR Part 373, Hazardous Waste Management

PERMIT ISSUED TO CWM Chemical Services, L.L.C.		TELEPHONE NUMBER (716) 754-8231	
ADDRESS OF PERMITTEE 1550 Balmer Road Model City, New York 14107			
CONTACT PERSON FOR PERMITTED WORK Richard Sturges, District Manager		TELEPHONE NUMBER (716) 754-8231	
NAME AND ADDRESS OF PROJECT/FACILITY CWM Model City Facility 1550 Balmer Road, Model City, New York 14107			
LOCATION OF PROJECT/FACILITY 1550 Balmer Road Model City, New York 14107			
COUNTY Niagara	TOWN Porter	REGULATED SITE RESOURCE	NYTM COORDINATES E 1771.1 N 4793.1
DESCRIPTION OF AUTHORIZED ACTIVITY <ol style="list-style-type: none"> 1. Storage of Solid & Liquid, Hazardous & Non-Hazardous Waste in Containers; 2. Storage of Liquid Hazardous & Non-Hazardous Waste in Tanks; 3. Treatment of Liquid Hazardous & Non-Hazardous Waste in Tanks; 4. Treatment (Stabilization, Immobilization & Encapsulation) of Solid Hazardous & Non-Hazardous Waste in Tanks; 5. Storage of Liquid Hazardous & Non-Hazardous Waste (Post-Treatment) in Surface Impoundments; 6. Disposal of Solid Hazardous & Non-Hazardous Waste in a Landfill (Residual Management Unit - One (RMU-1)); 7. Commingling of Liquid Hazardous Waste and Repackaging of Laboratory Chemical Waste for Shipment; 8. Implementation of Final Corrective Action Remedies for Site-Wide Contamination; and 9. Groundwater Monitoring and Perpetual Post-Closure Care at All On-Site Land Disposal Units. 			

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the N.Y.S. Environmental Conservation Law (ECL), all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

REGIONAL PERMIT ADMINISTRATOR Steven J. Doleski		DIVISION OF ENVIRONMENTAL PERMITS, 270 MICHIGAN AVENUE BUFFALO, NY 14203-2999, (716) 851-7165	
AUTHORIZED SIGNATURE <i>Steven J. Doleski</i>		DATE OF ISSUANCE 8/5/2005	PAGE 1 OF 3

GENERAL CONDITIONS

Inspections

1. The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3). A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Permit Changes and Renewals

2. The Department reserves the right to modify, suspend or revoke this permit when:
 - a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
 - b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
 - c) new material information is discovered; or
 - d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.
3. The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms, fees or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.
4. The permittee must submit a renewal application at least:
 - a) 180 days before expiration of permits for State Pollutant Discharge Elimination System (SPDES), Hazardous Waste Management Facilities (HWMF), major Air Pollution Control (APC) and Solid Waste Management Facilities (SWMF); and
 - b) 30 days before expiration of all other permit types.
5. Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Other Legal Obligations of Permittee

6. The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, agents and assigns for all claims, suits, actions, damages and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.
7. The permittee shall require its independent contractors, employees, agents and assigns to comply with this permit, including all special conditions, and such persons shall be subject to the same sanctions for violation of the Environmental Conservation Law as those prescribed for the permittee.
8. This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.
9. The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Article 27, Title 9; 6NYCRR Part 373: Hazardous Waste Management

SPECIAL CONDITIONS

1. The Permittee must comply with all terms and conditions of this permit. This permit consists of the conditions contained herein (including those in any attachments and referenced documents) and the applicable regulations contained in 6NYCRR Parts 370 through 374 and 376 and 621 and 624, as specified in the permit. Applicable regulations are those which are in effect on the date of issuance of this permit.
2. This permit is based on the assumption that information submitted in the permit renewal application dated April 27, 2001 (as revised January 9, 2002 & June 28, 2002) is complete and that the units will be operated as specified in the application. Any inaccuracies or incompleteness found in this information may be grounds for the termination or modification of this permit and potential enforcement action. The Permittee must inform the New York State Department of Environmental Conservation (Department) of any deviation from or changes in the information in the application which would effect the Permittee's ability to comply with the applicable regulations or permit conditions.
3. The Permittee must operate the facility in strict accordance with the Modules and Attachments to this permit specified below:

a.	Module I	General Provisions
b.	Module II	Corrective Action Requirements
c.	Module III	Storage in Containers
d.	Module IV	Storage/Treatment in Tank Systems
e.	Module V	Storage/Treatment in Surface Impoundments
f.	Module VI	Disposal in Landfill (RMU-1)
g.	Module VII	Conditions Applicable to Intermediate Commercial Hazardous Waste Storage & Treatment Facilities Including Land Disposal Restrictions (LDR)
h.	Module VIII	Groundwater Monitoring Program
i.	Attachment A	Section A - Part A Application
j.	Attachment B	Section F, Sub-Sections 1.0-1.3 - Preparedness & Prevention - Security
k.	Attachment C	Section C - Waste Analysis Plan
l.	Attachment D	Section D - Containers, Surface Impoundments & Tanks
m.	Attachment E	Corrective Action for Specific Unit Groups
n.	Attachment F	Section F - Preparedness & Prevention
o.	Attachment G	Section G - Contingency Plan
p.	Attachment H	Section H - Personnel Training Plan
q.	Attachment I	Section I - Closure Plans & Post-Closure Plans
r.	Attachment J	RMU-1 Drawings, Technical Specifications & Quality Assurance Manual
s.	Attachment K	RMU-1 Response Action Plan & RMU-1 Minimum Waste Strength Curves
t.	Attachment L	Fugitive Dust Control Plan
u.	Attachment M	Surface Water Sampling and Analysis Plan
v.	Attachment N	Air & Meteorological Monitoring Plan
w.	Attachment O	Major / Minor Modifications
4. The Permittee must also operate the facility in strict accordance with the documents listed in Table 2.0 of Module I which are incorporated into this permit by reference.

cc: Mr. Jeffery Dietz / Mr. Bidjan Rostami, Region 9 Division of Solid & Hazardous Materials
Mr. James Sacco / Mr. Richard Stroh, Site Monitors, Region 9 Division of Solid & Hazardous Materials
Mr. Edwin Dassatti / Mr. Matthew Mortefolio, Division of Solid & Hazardous Materials, Albany

New York State Department of Environmental Conservation
Division of Environmental Permits, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2815
Phone: (716) 851-7185 • FAX: (716) 851-7188
Website: www.dec.ny.gov



December 18, 2007

American Recyclers Company, Inc.
177 Wales Avenue
Tonawanda, New York 14150-2507

Dear Permittee:

PERMIT TRANSMITTAL LETTER
PERMIT NO. 9-1416-00057/00001

Enclosed is your permit which was issued in accordance with applicable provisions of the Environmental Conservation Law. The permit is valid for only that project, activity or operation expressly authorized.

The DEC permit number and Program ID number, if applicable, should be retained for your records and should be referenced on all future correspondence and applications related to the permit. If modifications are desired after permit issuance, you must submit the proposed revisions and receive written approval from the Permit Administrator prior to initiating any change. If the Department determines that the modification represents a material change in the scope of the authorized project, activity, operation or permit conditions, you will be required to submit a new application for permit.

Please note the expiration date of the permit. Applications for permit renewal should be made well in advance of the expiration date (minimum of 30 days) and submitted to the Regional Permit Administrator at the above address. For SPDES, Solid Waste and Hazardous Waste Permits, renewals must be made at least 180 days prior to the expiration date.

PLEASE REVIEW ALL PERMIT CONDITIONS CAREFULLY. IN PARTICULAR, IDENTIFY YOUR INITIAL RESPONSIBILITIES UNDER THIS PERMIT IN ORDER TO ASSURE TIMELY ACTION IF REQUIRED. SINCE FAILURE TO COMPLY PRECISELY WITH PERMIT CONDITIONS MAY BE TREATED AS A VIOLATION OF THE ENVIRONMENTAL CONSERVATION LAW, YOU ARE REQUESTED TO PROVIDE A COPY OF THE PERMIT TO THE PROJECT CONTRACTOR, FACILITY OPERATOR, AND OTHER PERSONS DIRECTLY RESPONSIBLE FOR PERMIT IMPLEMENTATION (IF ANY).

If you have any questions, please contact this office at the above address.

Respectfully,
Steven J. Doleski
Regional Permit Administrator

DEB:vm

Enclosure

cc: Mr. Mark Hans, NYSDEC, Solid and Hazardous Materials, Buffalo
Mr. Scott Menrath, NYSDEC, Solid and Hazardous Materials, Albany
EnSol, Inc.

MODIFICATION 1 -- TRANSFER TO EQ DETROIT, INC.

DEQ

**State of Michigan
Department of Environmental Quality
HAZARDOUS WASTE MANAGEMENT FACILITY OPERATING LICENSE**

NAME OF LICENSEE: EQ Detroit, Inc.

NAME OF OWNER: EQ Detroit, Inc.

NAME OF OPERATOR: EQ Detroit, Inc.

NAME OF TITLEHOLDER OF LAND: EQ Detroit, Inc.

FACILITY NAME: EQ Detroit, Inc.

FACILITY LOCATION: 1823 Frederick Street, Detroit, Michigan 48211-2603

EPA IDENTIFICATION NUMBER: MID 980 991 585

EFFECTIVE DATE: December 12, 2003

REAPPLICATION DATE: June 15, 2008

EXPIRATION DATE: December 12, 2008

AUTHORIZED ACTIVITIES

Pursuant to Part 111 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), being §§324.11101 to 324.11102 of the Michigan Compiled Laws, and the hazardous waste management administrative rules (hereafter called the "rules") promulgated thereunder, being R 289.9101 et seq. of the Michigan Administrative Code, by the Michigan Department of Environmental Quality (MDEQ), an operating license (hereafter called the "license") is issued to EQ Detroit, Inc. (hereafter called the "licensee") to operate a hazardous waste management facility located in Detroit, Michigan at latitude 42°22'17" and longitude 83°5'11". The licensee is authorized to conduct the following hazardous waste management activities:

☒ STORAGE

- ☒ Container
- ☒ Tank
- ☐ Waste Pile
- ☐ Surface Impoundment
- ☐ Deep Pool

☒ TREATMENT

- ☒ Container
- ☒ Tank
- ☐ Surface Impoundment
- ☐ Incinerator
- ☐ Other:

☐ DISPOSAL

- ☐ Landfill
- ☐ Land Application
- ☐ Surface Impoundment

☐ POST CLOSURE

- ☐ Tank
- ☐ Surface Impoundment
- ☐ Landfill
- ☐ Waste Pile

APPLICABLE REGULATIONS AND LICENSE APPROVAL

The conditions of this license were developed in accordance with the applicable provisions of the rules, effective September 11, 2000. The licensee shall comply with all terms and conditions of this license. This license consists of the 27 pages of conditions attached hereto (including those in any Attachments 1 through 14) and the applicable regulations contained in R 289.9101 through R 289.11008, as specified in the license. For purposes of compliance with this license, applicable rules are those which are in effect on the date of issuance of this license in accordance with R 289.9521(3)(a).

This license is based on the information contained in the license application submitted on September 29, 1999 and any subsequent amendments (hereafter referred to as "the application"). Pursuant to R 289.9519(1)(b), the license may be revoked if the licensee fails, in the application or during the license issuance process, to disclose fully all relevant facts or, at any time, misrepresents any relevant facts. As specified in R 289.9519(1), the facility shall be constructed, operated, and maintained in accordance with Part 111 of Act 451, the rules, and this license.

This license is effective on the date of issuance and shall remain in effect for five years from the date of issuance, unless revoked pursuant to R 289.9519 or continued in effect as provided by the Michigan Administrative Procedures Act, 1969 PA 306, as amended (Act 306).

Issued this 12th day of December, 2003

By Dr. George W. Bruchmann
George W. Bruchmann, Chief
Waste and Hazardous Materials Division

This license is hereby modified for transfer from
US Liquids of Detroit, Inc. to EQ Detroit, Inc.

Modified this 1st day of March, 2004

By [Signature]
George W. Bruchmann, Chief
Waste and Hazardous Materials Division

OHIO ENVIRONMENTAL PROTECTION AGENCY

OHIO E.P.A.

DEC 28 2006

OHIO HAZARDOUS WASTE FACILITY
INSTALLATION AND OPERATION PERMIT RENEWAL

ENTERED DIRECTOR'S JOURNAL

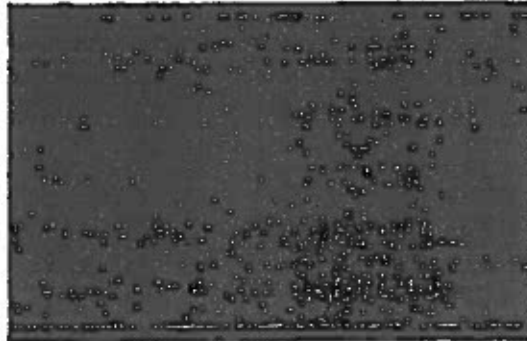
Permittee: Hukill Chemical Corporation

Mailing
Address: 7013 Krick Road
Bedford, Ohio 44146

Owner: Hukill Chemical Corporation
7013 Krick Road
Bedford, Ohio 44146

Operator: Hukill Chemical Corporation
7013 Krick Road
Bedford, Ohio 44146

Location: 7013 Krick Road
Bedford, Ohio 44146



AUTHORIZED ACTIVITIES


In reference to the application of Hukill Chemical Corporation for an Ohio Hazardous Waste Facility Installation and Operation Renewal Permit under Ohio Revised Code (ORC) Chapter 3734 and the record in this matter, you are authorized to conduct at the above-named facility the following hazardous waste management activities:

- Storage of Hazardous Waste in Containers and Tanks
- Treatment of Hazardous Waste in Tanks
- Closure and Post-Closure
- Corrective Action

PERMIT APPROVAL


Joseph P. Kencelilo, Director
Ohio Environmental Protection Agency

I certify this to be a true and accurate copy of the
official documents as filed in the records of the Ohio
Environmental Protection Agency.

 12-28-06

This permit approval is based upon the record in this matter which is maintained at the office of the Ohio Environmental Protection Agency. The Director has considered the application, accompanying information, inspection reports of the facility, a report regarding the facility's compliance or noncompliance with the terms and conditions of its permit and rules adopted by the Director under this chapter, and such other information as is relevant to the operation of the facility. The Director has determined that the facility under the existing permit has a history of compliance with ORC Chapter 3734, rules adopted under it, the existing permit, or orders entered to enforce such requirements that demonstrate sufficient reliability, expertise, and competency to operate the facility henceforth under this chapter, rules adopted under it, and the renewal permit.

Entered into the Journal of the Director this 28th day of December, 2006.

By  of the Ohio Environmental Protection Agency.

Directions to 177 Wales Ave, Tonawanda, NY 14150-2507



Total Time: 1 hours 14 mins, Total Distance: 72.48 mi

Distance

A	1. Starting in ROCHESTER, NY on N PLYMOUTH AVE go toward CHURCH ST	go 0.17 mi
	2. Turn L to take ramp onto I-490 W	go 22.38 mi
	3. Take ramp onto I-90 W toward BUFFALO (Toll applies)	go 41.73 mi
	4. Take exit #50/NIAGARA FALLS onto I-290 W (Toll applies)	go 6.48 mi
	5. Take exit #2/COLVIN BLVD	go 0.3 mi
	6. Turn R on COLVIN BLVD(RT-425 N)	go 0.16 mi
	7. Continue to follow RT-425 N	go 1 mi
	8. Turn R on FILLMORE AVE	go 0.14 mi
	9. Turn L on WALES AVE	go 0.12 mi
B	10. Arrive at 177 WALES AVE, TONAWANDA, on the R	

Time: 1 hours 14 mins, Distance: 72.48 mi



When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
AMERICAN RECYCLERS CO INC

177 WALES AVE
TONAWANDA, NY 14150-2507
(716) 695-6720

Facility:
AMERICAN RECYCLERS TRANSFER
STATION
177 WALES AVE
TONAWANDA, NY 14151

Facility Location: in TONAWANDA in ERIE COUNTY

Facility Principal Reference Point: NYTM-E: 185.5 NYTM-N: 4769.9
Latitude: 43°01'00.0" Longitude: 78°51'33.6"

Authorized Activity: Operation of a solid waste management facility for the consolidation and transfer of up to 12 tons per day (approved design capacity) of non-hazardous industrial waste, used computer equipment, universal waste and other pre-approved wastes for shipment to off-site disposal, processing or recycling facilities.

Permit Authorizations

Solid Waste Management - Under Article 27, Title 7

Permit ID 9-1416-00057/00001

Renewal

Effective Date: 12/18/2007

Expiration Date: 12/17/2017

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: DOUGLAS E BORSCHER, Deputy Regional Permit Administrator
Address: NYSDEC REGION 9 HEADQUARTERS
270 MICHIGAN AVE
BUFFALO, NY 14203 -2915

Authorized Signature:

Douglas E. Borscher

Date 12/18/2007

Distribution List

MARK J HANS
SCOTT MENRATH

Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS
GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS
NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS.

Permit Attachments

Solid Waste Annual Report Form

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

1. **Permit Conflicts** If any condition of this permit conflicts with the approved report and plans identified in Solid Waste Management Permit Conditions 5 and 6 of this permit, the Solid Waste Management Permit Condition shall prevail.
2. **Emergency Reporting** In the event of an emergency, including but not limited to fires, explosion or on-site spills, the Regional Solid Materials Engineer (RSME) shall be notified of the emergency within 24 hours of discovery. Oral reports due on weekends or holidays shall be made on the next business day. The details of the incident and the remediation or corrective action(s) taken shall be fully described in writing to the RSME within five working days of the event.
3. **Permit Applicability** This permit supersedes all previously issued Solid Waste Management Facility permits and permit modifications issued by the New York State Department of Environmental Conservation (Department) for this facility.

APPROVED DOCUMENTS AND WASTES

4. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the permit application, plans and materials prepared by (see Solid Waste Management Permit Conditions 5 and 6 of this permit) on (see Solid Waste Management Permit Conditions 5 and 6 of this permit).
5. **Approved Reports and Documents** The approved reports and documents for this facility include:
 - 6 NYCRR Part 360 Permit Application Solid Waste Transfer Station, Engineering Report and Operations and Maintenance Manual, Revised August 2007 and prepared by EnSol, Inc.

6. Approved Plans The approved plans for this facility include:

Sheet #	Sheet Title	Date	Prepared by
Figure 3	American Recyclers Company Transfer Station - Building Layout	April 2007	EnSol, Inc.

Attachment 1	Topographic Survey	October 30, 1995	Krehbiel Associates
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7. Acceptable Waste The permittee is authorized to accept only the following types of waste; containerized, non-hazardous industrial waste including petroleum contaminated debris and soil, oils, coolants, water-based and non-flammable adhesives, paint skins, printing inks, resins, abrasives, spent heat treatment salts, glycols, furnace dust, shot blast, paint filters, universal waste batteries and lamps, used computer equipment, non-hazardous PCB electrical equipment, oil filters, RCRA empty containers and additional waste streams specifically identified by the NYSDEC non-hazardous waste codes listed in Attachment 5 of the Engineering Report and Operations and Maintenance Manual (see Solid Waste Management Permit Condition 5 of this permit) and as limited by Solid Waste Management Permit Condition 8 of this permit.

8. Unacceptable Waste The following wastes shall not be accepted at the facility;

- hazardous waste as defined in 6 NYCRR Part 371
- putrescible waste as defined in 6 NYCRR Part 360
- regulated medical waste as defined in 6 NYCRR Part 364
- radioactive waste as defined in 6 NYCRR Part 382
- construction and demolition debris as defined in 6 NYCRR Part 360
- asbestos waste as defined in 6 NYCRR Part 360
- any non-hazardous industrial waste which does not fit into the classifications (NYSDEC waste codes) referenced in Solid Waste Management Permit Condition 7 of this permit.

9. Industrial Waste Applications The permittee shall submit to the RSMB a copy of the written approval form and/or letter for each industrial waste stream handled at the facility, which notes that the specified waste has been accepted for disposal at a permitted facility. For disposal facilities located within New York State this approval shall generally be a completed Application for Treatment or Disposal of an Industrial Waste Stream, Form 47-19-7.

Additionally, for the industrial waste streams to be accepted at the facility, the permittee shall submit a Waste Profile Report (WPR) containing the following minimum waste characterization information for the Department's review and approval:

- a completed/signed generator certification form which states that the waste being transferred to the permittee is non-hazardous; and
- a Materials Safety Data Sheet (MSDS) for all waste components; or
- analytical data showing the waste to be non-hazardous, (e.g. TCLP and hazardous characteristics data).

The permittee shall provide, for the Department's review and approval, an updated Waste Profile Report of each waste stream accepted at the facility every three years, beginning from the date the waste was first approved.

10. Waste Approvals Manager The facility Waste Approvals Manager is responsible for reviewing and formally approving all Waste Profile Reports for materials to be received into the facility. The Waste Approvals Manager must possess, at a minimum, a two year science degree from an accredited post secondary school, four years experience in the environmental services industry, and 40 hour OSHA hazardous materials training (updated annually). At the time of permit issuance, Mr. John Battaglia, P.E. is functioning as the Waste Approvals Manager. A request for any future change in this capacity must first be submitted, along with the qualifications of the proposed Waste Approvals Manager, to the Department for review and approval.

11. Comprehensive Recycling Analysis The permittee shall not receive at the facility solid waste which was generated within a municipality that has either not completed a Comprehensive Recycling Analysis (CRA) or is not included in another municipality's CRA satisfying the requirements of 6NYCRR Part 360-1.9(f). The CRA must be approved by the Department. The recyclables recovery program determined to be feasible by the analysis must be implemented.

COMPLIANCE SCHEDULE

12. Updated Surety Instrument Within 60 days of the effective date of this permit, the permittee shall submit an acceptable closure surety instrument in the amount of \$27,562.70 to the RSME.

OPERATIONS

13. Hours of Operation Normal deliveries of waste material are restricted to the hours of 7:00 am to 6:00 pm, Monday through Friday. On occasions of emergency or extenuating circumstances, waste may be received outside of these posted hours, but in every case an American Recyclers Co. employee who is qualified and trained in the QA/QC and waste acceptance procedures must be on duty. The permittee shall maintain a record of all waste material receipts delivered to the facility outside of the normal business hours of operation and this record must be available for review by Department staff.

14. Waste Handling All waste unloading, handling, consolidation and storage activities must occur within the confines of the transfer station building. QA/QC activities must be conducted within the designated, bermed QA/QC receiving area as shown on the building layout drawing referenced in Solid Waste Management Permit Condition 6 of this permit.

15. Handling of Computer Equipment The facility may accept used waste computer equipment, including computers/CPUs, monitors, scanners, printers, drivers, keyboards and similar components for storage and transfer to a permitted RCRA recycling facility. This activity may be conducted in accordance with 6 NYCRR Part 371.1(g)(1)(iii)(b), which excludes scrap metal from regulation under 6 NYCRR Parts 372 through 374 and 376. Such management of the computer equipment is allowable provided that their scrap metal components are ultimately recycled/reclaimed. This requirement applies to each individual piece of computer equipment that would meet the definition of hazardous waste under 6 NYCRR Part 371.

The following conditions apply to the handling and transfer of the used computer equipment:

- The transport of the computer equipment must be conducted in accordance with all applicable requirements of Part 364.
- The used computer equipment must be stored and handled in containers that are sufficient to prevent the release of metal and other potential contaminants to the environment. This generally will require that computer components be received, stored and shipped from the facility in secure boxes, or at a minimum, securely bound and packaged in heavy duty shrink wrap.
- No recycling/reclamation of the computer equipment will take place at this facility.

16. Waste Removal All solid waste which is bulked and consolidated must be placed in a roll-off container which is lined with a suitable plastic liner in order to properly prevent any liquids from escaping during transport to the disposal facility.

17. Ultimate Disposal of Waste All solid waste passing through the facility must be ultimately treated or disposed of at a facility authorized by the Department if located in New York State or by the appropriate governmental agency or agencies if in other states, territories, or nations.

18. Clean Time A clean time must be observed at the end of each day of operation.

19. Site Access At the end of each day of operation, the facility must be locked and secured to prevent unauthorized access.

20. Facility Sign A sign, which clearly shows the hours of operation and types of waste accepted and not accepted, must be located at the facility.

21. Floor Resealing At least annually, those areas of the facility which receive traffic or are otherwise exposed to wear shall be resurfaced with a penetrating sealer.

22. Self Inspections The facility manager, or designee, shall conduct a thorough inspection of the facility on a monthly basis, at a minimum. All processing equipment, work areas, waste handling, storage and loading areas, QA/QC testing equipment, spill response and fire control equipment and all other applicable areas and/or onsite equipment must be inspected. A written report, as contained in Attachment 6 of the Engineering Report and Operations and Maintenance Manual (see Solid Waste Management Permit Condition 6 of this permit) must be completed and kept onsite. These reports must be readily available for review by Department staff.

23. Complaints Any complaints received by the permittee about the operation of this facility must be documented in a log book, with a description of action taken to alleviate the concern and the results of the action. Documentation must be available for review at the Department's request. Any operational changes deemed necessary by the Department to correct nuisance conditions must be implemented.

CLOSURE

24. Site Closure The permittee shall close the site prior to the expiration date of this permit or prior to the expiration of any renewals of this permit in accordance with the closure requirements in 6 NYCRR Part 360 and the approved closure plan.

REPORTING

25. Annual Report The permittee must prepare and keep daily records on file at the facility. An annual report must be submitted to the Department by March 1st of each year on forms provided by the Department (see attached) or electronically, as specified by the Department, and must contain the following:

- Amount of waste (by types identified on annual report form and as identified by the waste code referenced in Solid Waste Management Permit Condition 7 of this permit) received from each New York State County, from each state, and from outside of the country.
- Disposal location(s) for each type of waste identified in the annual report form.
- Unusual events or accidents at the facility and responses taken by facility personnel.
- Any changes from the approved plans, report or permit along with a justification for the change.
- A summary and record of unauthorized wastes brought to the facility and their disposition.
- An updated cost estimate for closure activities to reflect inflation and/or any changes that may impact closure.

26. Report Submission All quarterly and annual reports shall be submitted to the following:

NYSDEC
Division of Solid & Hazardous Materials
Bureau of Solid Waste, Reduction & Recycling
625 Broadway
Albany, New York 12233-7253

NYSDEC
270 Michigan Avenue
Buffalo, New York 14203-2915
Attn: Regional Solid Materials
Engineer

FINANCIAL SURETY

27. Financial Surety Instrument The permittee shall maintain a surety instrument, acceptable to the RSME, that complies with 6 NYCRR Part 360-1.12 to assure the proper closure of the facility. At the time of permit issuance, the approved closure cost estimate is \$27,562.70.

28. Revised Surety Within 60 days of Department approval of the revised closure cost estimate submitted with the annual report (see Solid Waste Management Permit Condition 25 of this permit), a revised financial surety(s) shall be submitted (if necessary) to the RSME.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the BCL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).



The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC REGION 9 HEADQUARTERS
270 MICHIGAN AVE
BUFFALO, NY 14203 -2915

4. Submission of Renewal Application The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Solid Waste Management.

5. Permit Modifications, Suspensions and Revocations by the Department The Department reserves the right to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

- a. materially false or inaccurate statements in the permit application or supporting papers;
- b. failure by the permittee to comply with any terms or conditions of the permit;
- c. exceeding the scope of the project as described in the permit application;
- d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. Permit Transfer Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

Attachment 3
Laboratory Services

Paradigm Environmental
175 Lake Avenue
Rochester NY 14608

- Laboratory Certification
- Insurance

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009
Revised June 18, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 602 Public Health Law of New York State

MR. BRUCE HOOGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608

NY Lab Id No: 10958
EPA Lab Code: NY01287

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Amines

2-Nitroaniline	EPA 8270C
3-Nitroaniline	EPA 8270C
4-Chloroaniline	EPA 8270C
4-Nitroaniline	EPA 8270C
Aniline	EPA 8270C

Benzidines

3,3'-Dichlorobenzidine	EPA 8270C
Benzidine	EPA 8270C

Characteristic Testing

Corrosivity	EPA 9045C
Ignitability	EPA 1010
	EPA 1030

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081A
4,4'-DDE	EPA 8081A
4,4'-DDT	EPA 8081A
Aldrin	EPA 8081A
alpha-BHC	EPA 8081A
alpha-Chlordane	EPA 8081A
beta-BHC	EPA 8081A
Chlordane Total	EPA 8081A
delta-BHC	EPA 8081A
Dieldrin	EPA 8081A
Endosulfan I	EPA 8081A
Endosulfan II	EPA 8081A
Endosulfan sulfate	EPA 8081A

Chlorinated Hydrocarbon Pesticides

Endrin	EPA 8081A
Endrin aldehyde	EPA 8081A
Endrin Ketone	EPA 8081A
gamma-Chlordane	EPA 8081A
Heptachlor	EPA 8081A
Heptachlor epoxide	EPA 8081A
Lindane	EPA 8081A
Methoxychlor	EPA 8081A
Toxaphene	EPA 8081A

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene	EPA 8260B
	EPA 8270C
2-Chloronaphthalene	EPA 8270C
Hexachlorobenzene	EPA 8270C
Hexachlorobutadiene	EPA 8270C
Hexachlorocyclopentadiene	EPA 8270C
Hexachloroethane	EPA 8270C

Haloethers

4-Bromophenylphenyl ether	EPA 8270C
4-Chlorophenylphenyl ether	EPA 8270C
Bis (2-chloroisopropyl) ether	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 8270C
Bis(2-chloroethyl)ether	EPA 8270C

Metals I

Barium, Total	EPA 6010B
Cadmium, Total	EPA 6010B

Serial No.: 40251

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
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All approved analytes are listed below:*

Metals I

Calcium, Total	EPA 6010B
Chromium, Total	EPA 6010B
Copper, Total	EPA 6010B
Iron, Total	EPA 6010B
Lead, Total	EPA 6010B
Magnesium, Total	EPA 6010B
Manganese, Total	EPA 6010B
Nickel, Total	EPA 6010B
Potassium, Total	EPA 6010B
Silver, Total	EPA 6010B
Sodium, Total	EPA 6010B

Metals II

Aluminum, Total	EPA 6010B
Antimony, Total	EPA 6010B
Arsenic, Total	EPA 6010B
Beryllium, Total	EPA 6010B
Mercury, Total	EPA 7471A
Selenium, Total	EPA 6010B
Vanadium, Total	EPA 6010B
Zinc, Total	EPA 6010B

Metals III

Cobalt, Total	EPA 6010B
Thallium, Total	EPA 6010B

Miscellaneous

Asbestos in Friable Material	EPA 800/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)

Miscellaneous

Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL
Hydrogen Ion (pH)	EPA 9045C

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 8270C
2,6-Dinitrotoluene	EPA 8270C
Isophorone	EPA 8270C
Nitrobenzene	EPA 8270C
Pyridine	EPA 8270C

Nitrosoamines

N-Nitrosodimethylamine	EPA 8270C
N-Nitrosodi-n-propylamine	EPA 8270C
N-Nitrosodiphenylamine	EPA 8270C

Petroleum Hydrocarbons

Diesel Range Organics	EPA 8015 B
Gasoline Range Organics	EPA 6015 B

Phthalate Esters

Benzyl butyl phthalate	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 8270C
Diethyl phthalate	EPA 8270C
Dimethyl phthalate	EPA 8270C
Di-n-butyl phthalate	EPA 8270C
Di-n-octyl phthalate	EPA 8270C

Polychlorinated Biphenyls

Asbestos in Friable Material	EPA 800/M4/82/020	PCB-1016	EPA 8082
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)	CB-1221	EPA 8082

Serial No.: 40251

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Polychlorinated Biphenyls

PCB-1232	EPA 8082
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082
PCB-1260	EPA 8082

Polynuclear Aromatic Hydrocarbons

Acenaphthene	EPA 8270C
Acenaphthylene	EPA 8270C
Anthracene	EPA 8270C
Benzo(a)anthracene	EPA 8270C
Benzo(a)pyrene	EPA 8270C
Benzo(b)fluoranthene	EPA 8270C
Benzo(ghi)perylene	EPA 8270C
Benzo(k)fluoranthene	EPA 8270C
Chrysene	EPA 8270C
Dibenzo(a,h)anthracene	EPA 8270C
Fluoranthene	EPA 8270C
Fluorene	EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 8270C
Naphthalene	EPA 8260B
	EPA 8270C
Phenanthrene	EPA 8270C
Pyrene	EPA 8270C

Priority Pollutant Phenols

2,4,5-Trichlorophenol	EPA 8270C
2,4,6-Trichlorophenol	EPA 8270C
2,4-Dichlorophenol	EPA 8270C

Priority Pollutant Phenols

2,4-Dimethylphenol	EPA 8270C
2,4-Dinitrophenol	EPA 8270C
2,6-Dichlorophenol	EPA 8270C
2-Chlorophenol	EPA 8270C
2-Methyl-4,6-dinitrophenol	EPA 8270C
2-Methylphenol	EPA 8270C
2-Nitrophenol	EPA 8270C
4-Chloro-3-methylphenol	EPA 8270C
4-Methylphenol	EPA 8270C
4-Nitrophenol	EPA 8270C
Pentachlorophenol	EPA 8270C
Phenol	EPA 8270C

Purgeable Aromatics

1,2,4-Trimethylbenzene	EPA 8260B
1,2-Dichlorobenzene	EPA 8260B
	EPA 8270C
1,3,5-Trimethylbenzene	EPA 8260B
1,3-Dichlorobenzene	EPA 8260B
	EPA 8270C
1,4-Dichlorobenzene	EPA 8260B
	EPA 8270C
2-Chlorotoluene	EPA 8260B
4-Chlorotoluene	EPA 8260B
Benzene	EPA 8260B
Bromobenzene	EPA 8260B
Chlorobenzene	EPA 8260B
Ethyl benzene	EPA 8260B
Isopropylbenzene	EPA 8260B

Serial No.: 40251

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009
Revised June 18, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. BRUCE HOOGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608

NY Lab Id No: 10958
EPA Lab Code: NY01287

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Purgeable Aromatics

n-Butylbenzene	EPA 8260B
n-Propylbenzene	EPA 8260B
p-Isopropyltoluene (P-Cymene)	EPA 8260B
sec-Butylbenzene	EPA 8260B
Styrene	EPA 8260B
tert-Butylbenzene	EPA 8260B
Toluene	EPA 8260B
Total Xylenes	EPA 8260B

Purgeable Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dibromo-3-chloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B
1,2-Dichloroethane	EPA 8260B
1,2-Dichloropropane	EPA 8260B
1,3-Dichloropropane	EPA 8260B
2,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromochloromethane	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8260B

Purgeable Halocarbons

Chloroethane	EPA 8260B
Chloroform	EPA 8260B
Chloromethane	EPA 8260B
cis-1,2-Dichloroethane	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dibromomethane	EPA 8260B
Dichlorodifluoromethane	EPA 8260B
Methylene chloride	EPA 8260B
Tetrachloroethene	EPA 8260B
trans-1,2-Dichloroethene	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B
Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 8260B

Purgeable Organics

2-Butanone (Methylethyl ketone)	EPA 8260B
2-Hexanone	EPA 8260B
4-Methyl-2-Pentanone	EPA 8260B
Acetone	EPA 8260B
Carbon Disulfide	EPA 8260B
Methyl tert-butyl ether	EPA 8260B
Vinyl acetate	EPA 8260B

Semi-Volatile Organics

2-Methylnaphthalene	EPA 8270C
Benzoic Acid	EPA 8270C
Benzyl alcohol	EPA 8270C

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Semi-Volatile Organics

Dibenzofuran

EPA 8270C

Sample Preparation Methods

APP. 14.2, HUD JUNE 1995

EPA 1311

EPA 3050B

EPA 3550B

EPA 3580

EPA 3585

EPA 5030B

EPA 5035

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
Lead in Dust Wipes	EPA 6010B
Lead in Paint	EPA 6010B

Sample Preparation Methods

EPA 3050B

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene EPA TO-15

Metals I

Lead, Total NIOSH 7300

Metals II

Beryllium, Total NIOSH 7300

Mercury, Total NIOSH 6009

Metals III

Chromium, Total NIOSH 7300

Purgeable Aromatics

1,2,4-Trimethylbenzene EPA TO-15

1,2-Dichlorobenzene EPA TO-15

1,3,5-Trimethylbenzene EPA TO-15

1,3-Dichlorobenzene EPA TO-15

1,4-Dichlorobenzene EPA TO-15

Benzene EPA TO-15

Chlorobenzene EPA TO-15

Ethyl benzene EPA TO-15

m/p-Xylenes EPA TO-15

o-Xylene EPA TO-15

Styrene EPA TO-15

Toluene EPA TO-15

Total Xylenes EPA TO-15

Purgeable Halocarbons

1,1,1-Trichloroethane EPA TO-15

1,1,2,2-Tetrachloroethane EPA TO-15

Purgeable Halocarbons

1,1,2-Trichloroethane EPA TO-15

1,1-Dichloroethane EPA TO-15

1,1-Dichloroethene EPA TO-15

1,2-Dibromoethane EPA TO-15

1,2-Dichloroethane EPA TO-15

1,2-Dichloropropene EPA TO-15

Bromodichloromethane EPA TO-15

Bromoform EPA TO-15

Bromomethane EPA TO-15

Carbon tetrachloride EPA TO-15

Chloroethane EPA TO-15

Chloroform EPA TO-15

Chloromethane EPA TO-15

cis-1,2-Dichloroethene EPA TO-15

cis-1,3-Dichloropropene EPA TO-15

Dibromochloromethane EPA TO-15

Methylene chloride EPA TO-15

Tetrachloroethene EPA TO-15

trans-1,2-Dichloroethene EPA TO-15

trans-1,3-Dichloropropene EPA TO-15

Trichloroethene EPA TO-15

Trichlorofluoromethane EPA TO-15

Vinyl chloride EPA TO-15

Volatile Organics

2-Butanone (Methylethyl ketone) EPA TO-15

4-Methyl-2-Pentanone EPA TO-15

Acetone EPA TO-15

Carbon Disulfide EPA TO-15

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**MR. BRUCE HOOGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608**

**NY Lab Id No: 10958
EPA Lab Code: NY01287**

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National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
Vinyl acetate	EPA TO-15

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NELAP Recognized

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NY Lab Id No: 10958
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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Amines

2-Nitroaniline	EPA 8270C
3-Nitroaniline	EPA 8270C
4-Chloroaniline	EPA 8270C
4-Nitroaniline	EPA 8270C
Pyridine	EPA 8270C

Benzidines

3,3'-Dichlorobenzidine	EPA 625
	EPA 8270C
Benzidine	EPA 625
	EPA 8270C

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 608
	EPA 8081A
4,4'-DDE	EPA 608
	EPA 8081A
4,4'-DDT	EPA 608
	EPA 8081A
Aldrin	EPA 608
	EPA 8081A
alpha-BHC	EPA 608
	EPA 8081A
alpha-Chlordane	EPA 8081A
beta-BHC	EPA 608
	EPA 8081A
Chlordane Total	EPA 608
	EPA 8081A
delta-BHC	EPA 608

Chlorinated Hydrocarbon Pesticides

delta-BHC	EPA 8081A
Dieldrin	EPA 608
	EPA 8081A
Endosulfan I	EPA 608
	EPA 8081A
Endosulfan II	EPA 608
	EPA 8081A
Endosulfan sulfate	EPA 608
	EPA 8081A
Endrin	EPA 608
	EPA 8081A
Endrin aldehyde	EPA 608
	EPA 8081A
Endrin Ketone	EPA 8081A
gamma-Chlordane	EPA 8081A
Heptachlor	EPA 608
	EPA 8081A
Heptachlor epoxide	EPA 608
	EPA 8081A
Lindane	EPA 608
	EPA 8081A
Methoxychlor	EPA 608
	EPA 8081A
Toxaphene	EPA 608
	EPA 8081A

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260B
1,2,4-Trichlorobenzene	EPA 625

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene	EPA 8260B
	EPA 8270C
2-Chloronaphthalene	EPA 625
	EPA 8270C
Hexachlorobenzene	EPA 625
	EPA 8270C
Hexachlorobutadiene	EPA 625
	EPA 8260B
	EPA 8270C
Hexachlorocyclopentadiene	EPA 625
	EPA 8270C
Hexachloroethane	EPA 625
	EPA 8270C

Fuel Oxygenates

Methyl tert-butyl ether	EPA 8260B
tert-Butyl alcohol	EPA 8260B

Haloethers

4-Bromophenylphenyl ether	EPA 625
	EPA 8270C
4-Chlorophenylphenyl ether	EPA 625
	EPA 8270C
Bis (2-chloroisopropyl) ether	EPA 625
	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 625
	EPA 8270C
Bis(2-chloroethyl)ether	EPA 625
	EPA 8270C

Microextractables

1,2-Dibromo-3-chloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B

Mineral

Hardness, Total	EPA 200.7 Rev. 4.4
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Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 625
	EPA 8270C
2,6-Dinitrotoluene	EPA 625
	EPA 8270C
Isophorone	EPA 625
	EPA 8270C
Nitrobenzene	EPA 625
	EPA 8270C

Nitrosoamines

N-Nitrosodimethylamine	EPA 625
	EPA 8270C
N-Nitrosodi-n-propylamine	EPA 625
	EPA 8270C
N-Nitrosodiphenylamine	EPA 625
	EPA 8270C

Phthalate Esters

Benzyl butyl phthalate	EPA 625
	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 625
	EPA 8270C
Diethyl phthalate	EPA 625

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MR. BRUCE HOOGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14808

NY Lab Id No: 10958
EPA Lab Code: NY01287

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National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Phthalate Esters

Diethyl phthalate	EPA 8270C
Dimethyl phthalate	EPA 625
	EPA 8270C
Di-n-butyl phthalate	EPA 625
	EPA 8270C
Di-n-octyl phthalate	EPA 625
	EPA 8270C

Polychlorinated Biphenyls

PCB-1016	EPA 608
	EPA 8082
PCB-1221	EPA 608
	EPA 8082
PCB-1232	EPA 608
	EPA 8082
PCB-1242	EPA 608
	EPA 8082
PCB-1248	EPA 608
	EPA 8082
PCB-1254	EPA 608
	EPA 8082
PCB-1280	EPA 608
	EPA 8082

Polynuclear Aromatics

Acenaphthene	EPA 625
	EPA 8270C
Acenaphthylene	EPA 625
	EPA 8270C

Polynuclear Aromatics

Anthracene	EPA 625
	EPA 8270C
Benzo(a)anthracene	EPA 625
	EPA 8270C
Benzo(a)pyrene	EPA 625
	EPA 8270C
Benzo(b)fluoranthene	EPA 625
	EPA 8270C
Benzo(ghi)perylene	EPA 625
	EPA 8270C
Benzo(k)fluoranthene	EPA 625
	EPA 8270C
Chrysene	EPA 625
	EPA 8270C
Dibenzo(a,h)anthracene	EPA 625
	EPA 8270C
Fluoranthene	EPA 625
	EPA 8270C
Fluorene	EPA 625
	EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 625
	EPA 8270C
Naphthalene	EPA 625
	EPA 8260B
	EPA 8270C
Phenanthrene	EPA 625
	EPA 8270C
Pyrene	EPA 625

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179 LAKE AVENUE
ROCHESTER, NY 14608

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Polynuclear Aromatics		Priority Pollutant Phenols	
Pyrene	EPA 8270C	Phenol	EPA 8270C
Priority Pollutant Phenols		Purgeable Aromatics	
2,4,5-Trichlorophenol	EPA 8270C	1,2,4-Trimethylbenzene	EPA 8260B
2,4,6-Trichlorophenol	EPA 825	1,2-Dichlorobenzene	EPA 824
	EPA 8270C		EPA 625
2,4-Dichlorophenol	EPA 625		EPA 8260B
	EPA 8270C		EPA 8270C
2,4-Dimethylphenol	EPA 625	1,3,5-Trimethylbenzene	EPA 8260B
	EPA 8270C	1,3-Dichlorobenzene	EPA 624
2,4-Dinitrophenol	EPA 625		EPA 625
	EPA 8270C		EPA 8260B
2,6-Dichlorophenol	EPA 8270C		EPA 8270C
2-Chlorophenol	EPA 625	1,4-Dichlorobenzene	EPA 624
	EPA 8270C		EPA 625
2-Methyl-4,6-dinitrophenol	EPA 625		EPA 8260B
	EPA 8270C		EPA 8270C
2-Methylphenol	EPA 8270C	Benzene	EPA 624
2-Nitrophenol	EPA 625		EPA 8260B
	EPA 8270C	Chlorobenzene	EPA 624
4-Chloro-3-methylphenol	EPA 625		EPA 8260B
	EPA 8270C	Ethyl benzene	EPA 624
4-Methylphenol	EPA 8270C		EPA 8260B
4-Nitrophenol	EPA 625	Isopropylbenzene	EPA 8260B
	EPA 8270C	n-Butylbenzene	EPA 8260B
Cresols, Total	EPA 8270C	n-Propylbenzene	EPA 8260B
Pentachlorophenol	EPA 625	p-Isopropyltoluene (P-Cymene)	EPA 8260B
	EPA 8270C	sec-Butylbenzene	EPA 8260B
Phenol	EPA 825	Styrene	EPA 8260B

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EPA Lab Code: NY01287

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Purgeable Aromatics

tert-Butylbenzene	EPA 8260B
Toluene	EPA 624
	EPA 8260B
Total Xylenes	EPA 624
	EPA 8260B

Purgeable Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 624
	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 624
	EPA 8260B
1,1,2-Trichloroethane	EPA 624
	EPA 8260B
1,1-Dichloroethane	EPA 624
	EPA 8260B
1,1-Dichloroethene	EPA 624
	EPA 8260B
1,1-Dichloropropene	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dichloroethane	EPA 624
	EPA 8260B
1,2-Dichloropropane	EPA 624
	EPA 8260B
1,3-Dichloropropane	EPA 8260B
2,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 624
	EPA 8260B
Bromochloromethane	EPA 8260B

Purgeable Halocarbons

Bromodichloromethane	EPA 624
	EPA 8260B
Bromoform	EPA 624
	EPA 8260B
Bromomethane	EPA 624
	EPA 8260B
Carbon tetrachloride	EPA 624
	EPA 8260B
Chloroethane	EPA 624
	EPA 8260B
Chloroform	EPA 624
	EPA 8260B
Chloromethane	EPA 624
	EPA 8260B
cis-1,2-Dichloroethene	EPA 8260B
cis-1,3-Dichloropropene	EPA 624
	EPA 8260B
Dibromochloromethane	EPA 624
	EPA 8260B
Dibromomethane	EPA 8260B
Dichlorodifluoromethane	EPA 624
	EPA 8260B
Methylene chloride	EPA 624
	EPA 8260B
Tetrachloroethene	EPA 624
	EPA 8260B
trans-1,2-Dichloroethene	EPA 624
	EPA 8260B

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Purgeable Halocarbons

trans-1,3-Dichloropropene	EPA 624
	EPA 8260B
Trichloroethene	EPA 624
	EPA 8260B
Trichlorofluoromethane	EPA 624
	EPA 8260B
Vinyl chloride	EPA 624
	EPA 8260B

Purgeable Organics

2-Butanone (Methylethyl ketone)	EPA 8260B
2-Hexanone	EPA 8260B
4-Methyl-2-Pentanone	EPA 8260B
Acetone	EPA 8260B
Carbon Disulfide	EPA 8260B
Vinyl acetate	EPA 8260B

Residue

Settleable Solids	SM 18-20 2540 F
-------------------	-----------------

Semi-Volatile Organics

2-Methylnaphthalene	EPA 8270C
Benzoic Acid	EPA 8270C
Benzyl alcohol	EPA 8270C
Dibenzofuran	EPA 8270C

Wastewater Metals I

Barium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Cadmium, Total	EPA 200.7 Rev. 4.4

Wastewater Metals I

Cadmium, Total	EPA 6010B
Calcium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Iron, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Lead, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Magnesium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Potassium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Sodium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B

Wastewater Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Antimony, Total	EPA 200.7 Rev. 4.4
	EPA 6010B

Serial No.: 40250

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010
Issued April 01, 2009
Revised June 18, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

**MR. BRUCE HOOGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608**

**NY Lab Id No: 10958
EPA Lab Code: NY01287**

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Wastewater Metals II

Arsenic, Total	EPA 200.7 Rev. 4.4 EPA 6010B
Beryllium, Total	EPA 200.7 Rev. 4.4 EPA 6010B
Mercury, Total	EPA 245.1 Rev. 3.0 EPA 7470A
Selenium, Total	EPA 200.7 Rev. 4.4 EPA 6010B
Vanadium, Total	EPA 200.7 Rev. 4.4 EPA 6010B
Zinc, Total	EPA 200.7 Rev. 4.4 EPA 6010B

Wastewater Metals III

Cobalt, Total	EPA 200.7 Rev. 4.4 EPA 6010B
Thallium, Total	EPA 200.7 Rev. 4.4 EPA 6010B

Wastewater Miscellaneous

Hydrogen Ion (pH)	EPA 150.2 EPA 9040B
Specific Conductance	SM 18-21 2510B (87)
Temperature	SM 18-21 2550B (00)

Sample Preparation Methods

EPA 3005A
EPA 3510C
EPA 5030B

Serial No.: 40250

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



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National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:*

Drinking Water Bacteriology

Coliform, Total / E. coli (Qualitative) Colliert

Drinking Water Metals I

Copper, Total EPA 200.7 Rev. 4.4

Iron, Total EPA 200.7 Rev. 4.4

Drinking Water Metals III

Sodium, Total EPA 200.7 Rev. 4.4

Drinking Water Non-Metals

Calcium Hardness EPA 200.7 Rev. 4.4

Specific Conductance SM 18-21 2510B (97)

Serial No.: 39165

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.



ACORD CERTIFICATE OF LIABILITY INSURANCEOP ID NO
PARAD-4

DATE (MM/DD/YYYY)

08/06/09

PRODUCER
LRMP Insurance Agency A Div.
of Marshall & Sterling Upstate
205 St. Paul Street, Suite 105
Rochester NY 14604
Phone: 585-454-7800 Fax: 585-454-7034

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION
ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE
HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR
ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Paradigm Environmental
Services Inc.
179 Lake Ave.
Rochester NY 14608

INSURERS AFFORDING COVERAGE

NAIC #

INSURER A: Evanston Insurance Co.

INSURER B: Contractor's Self Ins. Trust

785649

INSURER C:

INSURER D:

INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING
ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR
MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH
POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

INSR ADD'L TR	INSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	X	GENERAL LIABILITY				EACH OCCURRENCE \$ 6000000
	X	COMMERCIAL GENERAL LIABILITY	09PKGM00065	08/01/09	08/01/10	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50000
		CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 5000
A	X	Contr Poll-Occ	09PKGM00065	08/01/09	08/01/10	PERSONAL & ADV INJURY \$ 6000000
						GENERAL AGGREGATE \$ 6000000
		GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMPIOP AGG \$ 6000000
		POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/>				Emp Ben. 1000000
A		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident) \$ 2000000
		ANY AUTO				BODILY INJURY (Per person) \$
		ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
		SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
A	X	HIRED AUTOS	09PKGM00065	08/01/09	08/01/10	
A	X	NON-OWNED AUTOS	09PKGM00065	08/01/09	08/01/10	
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
		ANY AUTO				OTHER THAN EA ACC \$
						AUTO ONLY: AGG \$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE \$
		OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/>				AGGREGATE \$
						\$
		DEDUCTIBLE				\$
		RETENTION \$				\$
B		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	W-375265	10/01/08	09/30/09	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT \$ 3000000
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE \$ 3000000
		OTHER				E.L. DISEASE - POLICY LIMIT \$ 3000000
A		Professional retro date	09PKGM00065 08-01-92	08/01/09	08/01/10	6000000 Ded\$10000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

New York State Urban Development Corp. d/b/a Empire State Development Corp.;
Li Ro Engineers Inc., (3 Aerial Way, Syosset, NY 11791); City of Rochester,
City Hall (30 Church Street, Rochester, NY 14614); Labella Associates, Inc.,
(30 State Street, Suite 201, Rochester, NY 14614); L. Robert Kimball and
Associates (615 W. Highland Avenue, Ebensburg, PA 15931); Richard C. Fox,

CERTIFICATE HOLDER

NEWYOST

New York State Urban
Development Corp. d/b/a Empire
State Development Corp.
400 Andrews Street, Suite 100
Rochester NY 14604

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION
DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN
NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL
IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR
REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



IMPORTANT

If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

NOTEPAD:HOLDER CODE: NEWYOST
INSURED'S NAME: Paradigm EnvironmentalPARAD-4
OP ID NO.PAGE 3
DATE 08/06/09

Joanne D. Fox 235 East Main Street LLC (235 East Main Street, Rochester, NY 14604); David F. Christa (119 Victor Heights Parkway, Victor, NY 14564); Thomas Bonadio (171 Sully's Trail Suite 201, Pittsford, NY 14534); Xerox Corp., (Xerox Square 100 South Clinton Ave, Rochester, NY 14644); Chase (1 Chase Square, Rochester, NY 14643) and MCC Damon City Center (228 East Main Street, Rochester, NY 14604) are provided additional insured status when required by written contract or agreement. Waiver of subrogation applies.



LEO J. ROTH CORPORATION

841 HOLT ROAD WEBSTER, NY 14580
585.872.0220 FAX 585.872.1611 www.leojroth.com

MECHANICAL • SHEET METAL • PLUMBING • ROOFING • BUILDING AUTOMATION • SERVICE DIVISIONS • FACILITIES MANAGEMENT

William Eichhorn
Cambria
5105 Lockport Road
Lockport, NY 14094

October 2, 2009

Re: refrigerant disposal

Dear Mr. Brogan:

Regarding recovery and disposal of refrigerant, the following is our procedure for this process.

1. Using a reclaiming machine, recover refrigerant from the system into refrigerant recovery tanks that meet D.O.T. standards.
2. Complete the refrigerant status report for each unit-Includes documenting weight and type of refrigerant recovered. If the unit is empty of refrigerant, document that there is no refrigerant charge.
3. Deliver full tanks to Meier Supply-430 Atlantic Ave. Rochester, NY 14609. Meier Supply is a national wholesaler in the HVAC/R industry.
4. Meier Supply staff acknowledges receipt of refrigerant in writing and transfer refrigerant into larger tanks. Hudson Technologies picks up tanks and delivers to their site at 3402 North Mattis Ave.; Champaign, IL 61821. This transfer is documented by Meier Supply.
5. Hudson Technologies cleans refrigerant and prepares for reuse or disposes of refrigerant as per their guidelines. Hudson Technologies EPA# is ILD984919688.

Please note that this procedure is the same for each type of refrigerant and each refrigerant type goes into its own tank. Additionally, all of our technicians have received certification to recover and dispense refrigerant per EPA guidelines. Copies of their certificates are on file in both our office and at the Midtown job site.

Mr. Brogan, for your review, the following items are enclosed:

- Copy of the aforementioned refrigerant status report
- Copies of the Leo J Roth technician certification cards
- Copy certification card of Jeffrey D Beard, Jr.-Meier Supply staff member who transfers refrigerant to larger tanks
- Copy of receipt from Meier Supply showing how they document receipt of recovered refrigerant
- Copy of bill of lading showing transfer to Hudson Technologies

Should you have any questions or need further assistance, please do not hesitate to contact me.

Sincerely,
LEO J. ROTH CORPORATION


Don Fella

Refrigerant Status Report

Job No.: _____ Date: _____

Customer:

Customer (Company) Name: _____

Location: _____

Contact: _____
Address City State Zip
Name Title Telephone

Unit:

Model No.: _____ Description: _____

Serial No.: _____ Refrigerant Type: _____

Location: _____ Design Refrigerant Charge: _____

Leak Identification:

Leak Location and Description: _____

Repaired: ☐ Yes; ☐ No Refrigerant Amount Used _____

If No - Explain: _____

Status: _____

Comments: _____

Recovery:

Equipment Used: _____

Amount Recovered: _____

Re-Installed: ☐ Yes; ☐ No

If No - Explain Disposition: _____

Unintentional Venting:

Describe Situation: _____

Corrective Action(s)*: _____

Approximate Refrigerant Amount Vented _____

Customer Notification:

If deficiencies/discrepancies noted are not corrected, you may be in violation of federal/state clean air regulations.

Total Amount Refrigerant Used _____

% Design Charge _____

Comments: _____

Service Representative: _____ Date _____

Acknowledged by: _____ Date _____

Customer's Signature

Date

Leo J. Roth Corporation

BRANCH OFFICE - WHITE & YELLOW

MECHANIC/JOBSITE - PINK

CUSTOMER COPY - GOLDENROD

Certificate of Completion

This is to certify that
Thomas Annal

Certificate Number
2133838

Technician TYPE UNIVERSAL

Certified by
VGI Training
EPA Approved
September 30, 1993

as required by 40 CFR 82 Subpart G
Tarrant County Junior College

129-52-7240

08/02/96

ID Number

Date

President VGI Training Div

△ △ △ △ DETACH CERTIFICATE HERE △ △ △ △

Type(s) Sought:

Test Results

	Score	Grade to pass	Passed
Core	24	18	Y
Type I	23	18	Y
Type II	25	18	Y
Type III	23	18	Y
Universal	Requires passing scores(Y) in all Types.		Y

Congratulations

We have processed your test and your scores, certificate, and wallet card are attached.

Refrigerant containment is a technique of the professional.

Please keep that professionalism in mind as you go about your daily work.

Thomas Annal
6568 Westridge
Watauga TX 76148

FREE:

To receive a "I help protect the Ozone Layer" bumpersticker, please send a self-addressed stamped envelope to:

VGI Training/Bumpersticker
1156 107th St.
Arlington TX 76011

CERTIFICATE OF COMPLETION

UNIVERSAL

Indexation not required by


44-38861-1000

2017年12月25日

Card Number

May 19, 2002

EPA Region Approval: March 01, 2001

Refrigeration Service Engineers Society
 CONFIDENTIAL
JOSEPH M. GRYGORYCH
 Signature
Joseph M. Grygorych
 has been certified as **Type-I Type-II**
 Technician as required by 40 CFR part 82, Subpart F through the
PROPER REFRIGERANT PRACTICES
 Program approved by the U.S. Environmental Protection Agency (EPA)
 *UnP*


MICHAEL T. CHAPMAN
 has been certified as
UNIVERSAL
 technician as required by
 40 CFR part 82, Subpart F
060729103


PSES Refrigerant Usage Certification

DAVID J MAKOWSKI

has been certified as a

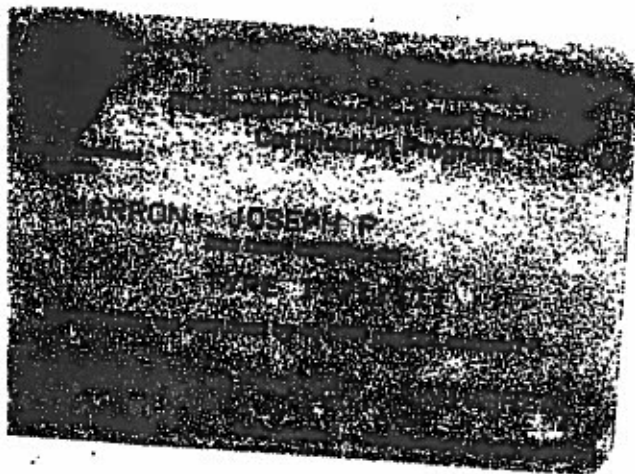
UNIVERSAL

technician as required by
40 CFR Part 82, Subpart F.



ID# 040300023

EPA Program Approval: 9/30/93



ACCA
 FRANK MAITTE
 has been certified as
 TYPE I, II, III
 technician as required by
 40 CFR Part 82, Subpart F
 091650082
 Certification Number

U
 Universal Technical
 Institute
Certificate of Completion
Refrigerant Transition And Recovery
Certification Program
 WELCH, CLIFFORD A
 has been certified as
 TYPE I, II, III
 technician, as required by 40 CFR part 82, subpart F.
 104641698 11/25/98 UNIVERSAL
 Certification Number Testing Date Certification Levels Achieved

The Refrigeration Service Engineers Society
 Confirms that
 ID 129300093
 DONALD A STELTZ
 Signature: *Donald A Steltz*
 has been certified as Type-I
 technician as required by 40 CFR part 82, subpart F through the
PROPER REFRIGERANT PRACTICES
 Program approved by the U.S. Environmental Protection Agency 600/9-93
 Manager Education, Training and Testing

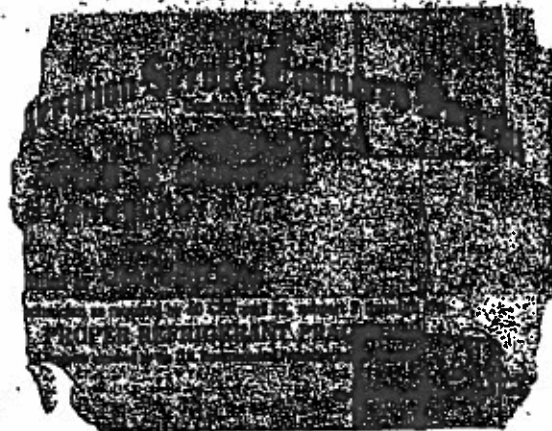
The Refrigeration Service Engineers Society
 Confirms that
 ID 129300096
 ROBERT A PELUSIO
 Signature: *Robert A Pelusio*
 has been certified as Type-I Type-II
 technician as required by 40 CFR part 82, subpart F through the
PROPER REFRIGERANT PRACTICES
 Program approved by the U.S. Environmental Protection Agency 600/9-93
 Manager Education, Training and Testing

ACCA
 GREGORY J. LINDSAY
 has been certified as
 Type I, II
 technician as required by
 40 CFR Part 82, Subpart F
 091722844
 Certification Number

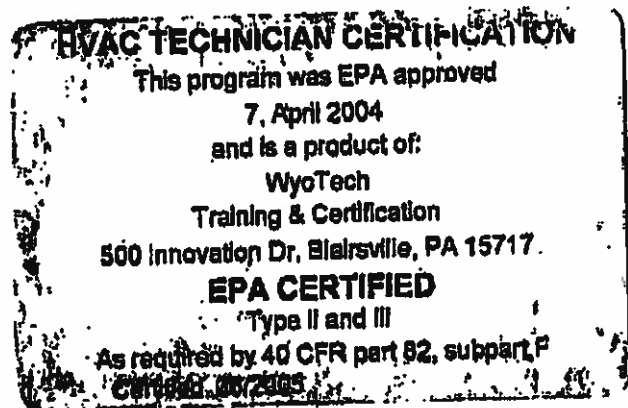
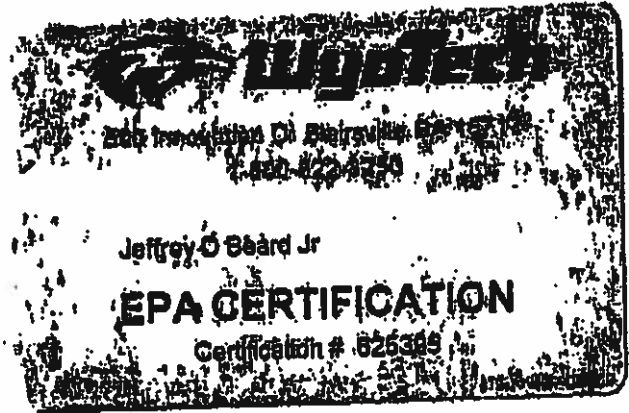
The Refrigeration Service Engineers Society
 Confirms that
 ID 129300070
 JAMES E MAYNARD
 Signature: *James E Maynard*
 has been certified as Type-I Type-II
 technician as required by 40 CFR part 82, subpart F through the
PROPER REFRIGERANT PRACTICES
 Program approved by the U.S. Environmental Protection Agency 600/9-93
 Manager Education, Training and Testing

U
 Universal Technical
 Institute
Certificate of Completion
Refrigerant Transition And Recovery
Certification Program
 HORTON JR, WILLIAM R
 has been certified as
 TYPE I, II, III
 technician, as required by 40 CFR part 82, subpart F.
 128666439 3/13/95 UNIVERSAL
 Certification Number Testing Date Certification Levels Achieved

U
 Universal Technical
 Institute
Certificate of Completion
Refrigerant Transition And Recovery
Certification Program
 MAYNARD, JAMES
 has been certified as
 TYPE III
 technician, as required by 40 CFR part 82, subpart F.
 068506715 7/21/94 TYPE III
 Certification Number Testing Date Certification Levels Achieved



HUDSON
TECHNOLOGY
EPA #
ILD984919688



Meier Supply Co., Inc.

CORPORATE OFFICE

123 BROWN ST., JOHNSON CITY, NY Ph. 807.797.7700 Fx. 807.797.4303

ALBANY, NY (518) 458-0010
ALLENTOWN, PA (610) 457-8818
ALTOONA, PA (814) 841-7817
BINGHAMTON, NY (807) 724-2451
BUFFALO, NY (716) 883-1291

ENH, PA (610) 458-4889
HARRISBURG, PA (717) 588-0825
HANOVER, PA (717) 030-8833
MIDDLETOWN, NY (845) 723-8588
ROCHESTER, NY (585) 482-3878

SCRANTON, PA (570) 348-1888
STROUDSBURG, PA (570) 424-5724
SYRACUSE, NY (315) 478-3131
UTICA, NY (315) 732-4077
WILKES-BARRE, PA (570) 824-8770

CUSTOMER CODE	INVOICE NUMBER
ROTTLEO	6389609-01

BILL TO: LEO J. ROTH CORP.
841 HOLT ROAD
WEBSTER NY 14580

SHIP TO: LEO J. ROTH CORP.
841 HOLT ROAD
WEBSTER NY 14580

TERMS-NET 30 DAYS

For Location Information and Terms and Conditions please visit www.meiersupply.com/terms

INVOICE NUMBER	ORDER NUMBER	SHIP DATE	TAXES	CUSTOMER P.O. NUMBER	DATE
6389609-01	605	08/28/09	693	G-5779	09/22/09
BOB P 943-5421					ALL INVOICES REQUIRE P.O.#1111
					B 1
QUANTITY	UNIT	DESCRIPTION	PRICE	AMOUNT	
1	EA	REFRIGERANT RECLAIM CHARGE TO EMPTY RECOVERY TANK R22-17 LBS FOR RECLAIM	25.00	25.00	

CODE EXPLANATION
* STATE TAX APPLICABLE * ORDER COMPLETE
* DELIVERY TAX APPLICABLE * DIRECT SHIPPING
* STATE & FEDERAL TAX * FACTORY INSURANCE
* BALANCE MADE CASH * RETURNED C.V.L.

*** THIS IS YOUR INVOICE ***

NET TERMS: INV 30 DUE: 10/22/09
*** ORDER COMPLETED ***

SUB TOTAL 25.00
MISC. CHARGE
TELE. CHARGE
FREIGHT TOTAL
FED./OTHER TAX
STATE TAX
PAYMENT REC'D. 0.00

TOTAL AMT DUE
25.00

XLOPTD 9/8/09

P.2/3

To: 915858724389

5854820846

SEP-25-2009 11:12 From: MEIER SUPPLY

You are currently viewing [hippacan243.pdf](#) (954 KB)

Help

You can either click the link to open the original document or right-click the link to save the file. If you have a single-button mouse, press the CTRL key and click the link, and then save the document.

Page 1 of 1

HUDSON TECHNOLOGIES COMPANY
875 N. MIDDLETOWN ROAD
PEARL RIVER, NY 10822

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE
• Bill Collect •

BILL TO: Transcorp Inc.
808 6th Street
Main P.O. Box 2430
Niagara Falls, NY 14302

T L 04316 HT

DATE OF BILL		DATE OF DELIVERY		DATE OF RECEIPT			
Hudson Technologies		Meier Supply					
3402 North Mattis Ave.		430 Atlantic Ave.					
Champaign, IL 61821		Babster, NY 14609					
Donna Spencer		1237373-1414		RPSN 0053031			
QTY	PKGS	CTN	PRODUCT DESCRIPTION	HAZARD CLASS	DOT ID	NET WT	GROSS WT
1	125		DICHLOROFLUOROMETHANE (R-12)	2.2	UN1085	70	100
1	125		CHLOROFLUOROMETHANE (R-22)	2.2	UN1010	70	300
			1,1,1,1-TETRAFLUOROETHANE (R-134a)	2.2	UN1350	70	
			DICHLOROFLUOROMETHANE AND DIFLUOROMETHANE AZEOTROPIC MIXTURE (R-401)	2.2	UN2802	70	
			CHLOROFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE (R-502)	2.2	UN1073	70	
			DICHLOROTETRAFLUOROETHANE (R-114)	2.2	UN1808	70	
1	125		TRICHLOROFLUOROMETHANE (R-113)	2.2	UN1086	70	100
			TRICHLOROFLUOROMETHANE (R-113)			70	
			1,1,1,1-TETRAFLUOROETHANE (R-134a)			70	
			AT CYLINDER, PURGED / DEEP VACUUM REVENED AT 11000			60	
			AT CYLINDER, PURGED / DEEP VACUUM REVENED AT 11000			60	

EMERGENCY CONTACT: 1-800-424-6300

HAZARD CHARGES ARE PREPAID UNLESS MARKED COLLECT

EMERGENCY ACTION:

- Keep unnecessary people away from hazard area and away from fire.
- Stay upwind, keep out of the spray.
- Self-protected breathing apparatus (SCBA) and equivalent breathing apparatuses should be provided for protection.
- For small fire, use dry chemical, CO₂ or water.
- For large fire, use water spray, fog or standard foam.
- Move container from the area if you can do so without risk.
- Do not breathe gas or vapors or liquids from the tank until after fire is out.

Spill or Leak:

- Stay away from spill at once.
- Wear self-protective in case of being struck from falling safety glasses or any disintegration of tank due to fire.
- Stop leak if you can do it without risk.
- Move tank to fresh air.
- Call for emergency medical care.
- If not breathing, give artificial respiration.
- If victim has difficulty breathing, give oxygen.

IN CASE OF FIRE:

SHIPPER'S USE:

DATE:

DATE:

DATE:

1