2021 Hazardous Waste Scanning Project

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C932164

Final Engineering Report

402 & 430 Buffalo Avenue Site
BCP Site No. C932164
Niagara Falls, New York

Revised December 2015 0294-013-001

Prepared For:

Merani Hospitality, Inc.

Prepared By:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

In Association With:

TURNKEY
ENVIRONMENTAL
RESTORATION, LLC

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BROWNFIELD CLEANUP PROGRAM

FINAL ENGINEERING REPORT

402 and 430 BUFFALO AVENUE SITE
NYSDEC SITE NUMBER: C932164
NIAGARA FALLS, NEW YORK

Revised December 2015 0294-013-001

Prepared for:

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RESTORATION, LLC

CERTIFICATION

I, Thomas H. Forbes, P.E. am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Interim Remedial Measures Work Plan, and Addendum to the IRM Work Plan were implemented and that all construction activities were completed in substantial conformance with the Department-approved IRM Work Plans.

I certify that the data submitted to the Department with this revised December 2015 Final Engineering Report for the 402 and 430 Buffalo Avenue Site demonstrates that the remediation requirements set forth in the Work Plans and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Thomas H. Forbes, of Benchmark Environmental Engineering and Science, PLLC, am certifying as Owner's Designated Site Representative for Merani Hospitality, Inc. for the site.

DATE: 12-17-15

FINAL ENGINEERING REPORT
402 and 430 BUFFALO AVENUE SITE

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1.0 BACKGROUND AND SITE DESCRIPTION

Merani Hospitality, Inc. (Merani) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in August 2014, which was amended in November 2014, to investigate and remediate a 6.2-acre property located in City of Niagara Falls, New York. The property was remediated to Restricted Residential use, and will be used as a hotel facility (401 Buffalo Avenue) and planned future residential and/or commercial development (402 and 430 Buffalo Avenue).

1.1 Site Description

The Site is comprised of three (3) adjoining parcels totaling 6.2 acres, located in a highly developed mixed use commercial and residential area of Niagara Falls. The BCP Site includes:

- **401 Buffalo Avenue, S.B.L. # 159.13-2-9, 3.8 acres**
- **402 Buffalo Avenue, S.B.L. # 159.54-1-46, 0.35 acres**
- **430 Buffalo Avenue, S.B.L. # 159.54-1-45, 2.05 acres**

The approximate 6.2 acre Site is bounded by 4th Street to the west, 6th Street and Holly Place to the east, a public alleyway from 4th Street to 6th Street to the north, and the Robert Moses State Parkway lands to the south (see Figures 1 and 2). The boundaries of the Site are more fully described in the Environmental Easement, included in Appendix A. An electronic copy of this FER with all supporting documentation is included as Appendix B.

Historically, the southern portion of the Site, encompassing the 401 Buffalo Avenue parcel, included a vacant municipally-condemned former hotel and conference center (i.e., Fallside Hotel), parking areas and vegetated/landscaped areas. The northern portion of the Site, 402 and 430 Buffalo Avenue parcels, are currently vacant, though historically were part of the manufacturing facility owned and operated by National Biscuit Co./Shredded Wheat Company.

1.2 Physical Setting

1.2.1 Land Use

The BCP Site consists of three (3) parcels, including: 401 Buffalo Avenue on the southern portion of the Site, and 402 and 430 Buffalo Avenue on the northern portion of the Site. The Site was historically used for mixed purposes, with a former hotel and conference center occupying the 401 Buffalo Avenue parcel and commercial-industrial use on the 402 and 430 Buffalo Avenue parcels. The Site is currently zoned for R-3 Multi-family and R4 – Heritage by the City of Niagara Falls Zoning Map. The southern portion of the Site, 401 Buffalo Avenue, is currently being redeveloped with a new hotel complex, and the 402 and 430 Buffalo Avenue parcels are currently vacant (see Figure 2). The properties adjoining the Site and in the neighborhood surrounding the Site primarily include mixed use commercial and residential areas of the City of Niagara Falls.

The Site is surrounded by commercial and residential properties to the north, Robert Moses Parkway to the south with the Niagara River beyond, residential properties are located adjacent to the site to the east across Holly Place, and to the west across 4th Street (see Figure 2).

1.2.2 Geology

The U.S. Department of Agriculture (USDA), Soil Conservation Service soil survey map of Niagara County, shows the Site is located within an un-surveyed area. Based on the Remedial Investigation (RI), overburden soils on the 401 and 402 Buffalo Avenue parcels generally consist of sandy lean clay, with fill noted to depths of up to 8 fbgs in select locations. The 430 Buffalo Avenue parcel overburden is generally described as fill material, ranging to depths of 7 fbgs (former concrete slab ranging from 3 to 7 fbgs), with varying amounts of sand and silty clay.

Based on the bedrock geologic map of Niagara County New York, the Niagara Falls region is underlain by Silurian and Devonian age stratified limestone, dolomite, and shale of marine origin. The bedrock is virtually flat lying, with a gentle dip to the south of only about 30 to 40 feet per mile and exhibits only very gentle folding.

During the RI, boring refusal (assumed bedrock) was encountered between 10 fbgs and greater than 18 fbgs (extent of RI investigation). Based on a 2013 Empire Geo-Services,

Inc. (Empire) geotechnical report completed on the 401 Buffalo Avenue parcel, bedrock was encountered between 9.8 and 28.3 fbgs.

1.2.3 Hydrogeology

The Site is located approximately 500 feet north of the Niagara River, and less than 0.5-miles from Niagara Falls. Based on the findings of the RI, overburden groundwater was encountered at depths ranging from five (5) to greater than 11 fbgs, with the exception of MW-7 which was dry. The Site hydrogeology is complicated by the presence of municipal subgrade utilities surrounding the Site, particularly along Buffalo Avenue that intersects the Site, and the presence of the elevated Robert Moses Parkway to the south. In general, localized groundwater flow was estimated to flow in a southern direction toward the Niagara River. Figure 3 depicts the estimated overburden groundwater isopotential map based on the water level measurements collected in April 2015.

1.3 Environmental History

1.3.1 November 2013 and December 2013 Limited and Supplemental Phase II Environmental Investigations

TurnKey completed a Limited Phase II Subsurface Environmental Investigation on the 401, 402, & 430 Buffalo Avenue Site, and the findings are summarized below:

- NYSDEC Spill No. 1312160 was assigned to the Site related to the vandalism/destruction of electrical transformers;
- Visual evidence of similar historic subsurface fill materials across the Site on both the north and south sides of Buffalo Avenue;
- Elevated polycyclic aromatic hydrocarbons (PAHs) above Part 375 Unrestricted, Restricted-Residential and Commercial Use SCOs;
- Elevated metals, including barium and lead, above the Part 375 Unrestricted, Restricted-Residential and Commercial Use SCOs;
- Oil-containing former hotel operation equipment in the basement, including compressors, elevator equipment, and transformers;

- Presence of hazardous chemicals, including corrosive boiler chemicals, solvents, lubricants, degreasers, paints, thinners, hydraulic oils and maintenance equipment fuels, pesticides and herbicides, pool and water treatment chemicals;
- Universal and e-waste throughout the building.

1.3.2 September 2014 – 401 Buffalo Avenue Supplemental Investigation

TurnKey completed a pre-demolition supplemental investigation at the 401 Buffalo Avenue parcel and the findings are summarized below:

- Elevated PAHs above Part 375 Unrestricted, Restricted-Residential and/or Commercial Use SCOs were detected on-Site.
- Elevated metals above Part 375 Unrestricted, Restricted Residential, and/or Commercial Use SCOs were detected on-Site.
- Based on the radiological screening results, elevated radiologic material (slag) is present on Site.

1.3.3 BCP Remedial Investigation (RI)

A remedial investigation (RI) was performed at the Site in accordance with the approved RI-AA Work Plan (November 2014). The purpose of the investigation was to more fully define the nature and extent of contamination on the BCP Site, and to collect data of sufficient quantity and quality to perform the remedial alternatives evaluation. The field investigations were completed across the BCP Site to delineate areas requiring remediation. On-Site field activities included surface and subsurface soil sampling, PCB wipe samples, a site-wide gamma walkover, monitoring well installation, groundwater sampling, and collection of hydrogeologic data. Below is a summary of RI findings.

1.3.3.1 Transformer Room - PCB Investigation Results

Three (3) PCB wipe samples were collected, including two (2) floor wipe samples, identified as Wipe Sample 1 and Wipe Sample 2, and one (1) interior cavity transformer housing sample, identified as Housing 103. Analytical results indicate that the transformer oil was PCB-containing. Analytical results are reported by the laboratory as microgram-absolute (ug/Abs), with results being representative of a 100 centimeters square (cm-sq.) wipe sampling area; therefore, samples results are ug/100 cm-sq. Conversion of the wipe sample results to milligrams per kilogram (mg/Kg), or parts-per-million (ppm), is provided

in 40CFR761; whereby wipe samples results less than 10 ug/100 cm-sq. is equivalent to less than 50 ppm, sample results between 10-100 ug/100 cm-sq. is equivalent to greater than 50 ppm and less than 500 ppm, and values greater than 100 ug/100 cm-sq. is equivalent to greater than 500 ppm. The equivalent regulatory value for Wipe Sample 1 is between 50 and 500 ppm, with Wipe Sample 2 and Housing 103 sample results indicating a value of greater than 500 ppm equivalents. Based on the analytical results, the NYSDEC and the National Response Hotline was notified of the spill.

1.3.3.2 Site-Wide Gamma Walkover

Radiologic field screening was completed during the RI by licensed radiologic subcontractor across the entire BCP Site. Several areas of elevated readings above site background of 6,000-8,000 counts per minute (CPM) were identified on both the northern (402 Buffalo Avenue) and southern (401 Buffalo Avenue) portions of the Site during the pre-demolition gamma walkover.

An area beneath the asphalt lot on 402 Buffalo Avenue was identified to have elevated readings ranging from 20,000 to 45,000 cpm. Several locations were identified on the 401 Buffalo Avenue parcel to be slightly above background, ranging from 10,000-20,000 cpm, in addition to the previously identified pool area (see Figure 4).

1.3.3.3 Soil/Fill Investigation Results

A total of seven (7) surface soil samples, and 32 subsurface soil samples were advanced across the Site (see Figure 4).

- Based on the surface soil data, no SVOCs, PCBs, pesticides or herbicides were detected above Restricted-Residential SCOs (RRSCOs), with the vast majority being reported as non-detect or estimated values by the laboratory. RI results identified only arsenic, slightly above its RRSCO at SS-2.
- Based on the subsurface soil data, no VOCs, PCBs, pesticides or herbicides were detected above Unrestricted Use SCOs (USCOs). Certain PAHs and metals were detected above their respective RRSCOs. Lead was detected above its Industrial Use SCO in TP-3, located on the 430 Buffalo Avenue parcel.

1.3.3.4 Groundwater Investigation Results

A total of ten (10) groundwater monitoring wells were installed across the BCP Site (Figure 3).

- Based on the groundwater data, no PCBs or herbicides were detected above GWQS. Certain VOCs, PAHs, metals and pesticides were detected slightly above their GWQS.

1.3.3.5 Off-site Soil/Fill Sample Results

During installation of the northern boundary of the cover system on 430 Buffalo Avenue, four (4) subsurface samples were collected at the request of the Department to assess potential off-site conditions. Analytical results indicate elevated PAHs exceeding Commercial Use SCOs (CSCOs), however total PAHs were less than or equal to 100 ppm. Elevated metals above USCOS, RRSCOS, and CSCOs, were detected (see Table 1). It should be noted these samples were collected at the northern property boundary along the alley (430 Buffalo Avenue parcel), and that adjacent on-Site soils are beneath the cover system.

Details of the remedial measures are provided in below.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for the 402 and 430 Buffalo Avenue Site.

2.1.1 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.2 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.

RAOs for Environmental Protection

- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

In general, remedial activities included: excavation and off-site disposal of soil/fill exceeding RRSCOs; excavation and disposal of elevated radiologic materials; removal of PCB-contamination; construction of cover system; and, implementation of a Site Management Plan. Details of the remedial action are presented in the following sections.

2.2 Description of selected remedy

The site was remediated in accordance with the approved IRM Work Plan and addendum and the remedy selected by the NYSDEC in the Decision Document dated December 2015.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Completion of Interim Remedial Measures, including excavation and off-site disposal of soil/fill exceeding RRSCOs;
2. Excavation and off-Site disposal of elevated radiologic material;
3. Removal and off-Site disposal of PCB-impacted materials identified in the transformer room;
4. Construction and maintenance of a soil cover system on the 430 Buffalo Avenue parcel consisting of a minimum of 24 inches of approved soil placed above an orange plastic demarcation fabric to prevent human exposure to remaining contaminated soil/fill above RRSCOs remaining at the site;
5. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.
6. Development and implementation of a Site Management Plan (SMP) for post-certificate of completion (COC) operation, maintenance and monitoring.
7. Periodic certification of the institutional and engineering controls listed above.

3.0 INTERIM REMEDIAL MEASURES

Benchmark Environmental Engineering & Science, PLLC, in association with TurnKey Environmental Restoration, LLC implemented IRM activities in accordance with the NYSDEC-approved 401 Buffalo Avenue IRM Work Plan (December 2014) and the Addendum to the IRM Work Plan (July 2015). Summary of the material removed from the Site is provided in Table 2.

Details of the completed IRM activities are summarized below.

3.1.1 401 Buffalo Avenue – Interim Remedial Measures

- Demolition of the former 3-story section of the hotel, including asbestos abatement, universal and chemical waste removal.
- Chemical Waste - Collection and removal of chemical wastes, including: spent boiler treatment chemicals, cleaning and maintenance chemicals; used petroleum oils, oil-based paints; flammable waste aerosols; lead acid batteries (for recycling); and hydraulic oil from the elevators. Additional compressed gas cylinders fire extinguishers were recycled. Transportation and recycling/disposal was completed by Clean Harbors Environmental Services, Inc.
- Radiologic Material - Excavation and off-site transportation of 72.5 tons of radiologic material for disposal at Waste Management's (WM) Mahoning Landfill, located in New Springfield, Ohio.
- Petroleum Excavation – Excavation and off-site transportation of 41.5 tons of non-hazardous petroleum-impacted soil/fill by RE Lorenz (9A-799) for disposal at Modern Landfill, located in Model City, New York.
- Parking Lot Island Excavation – Excavation and off-site transportation of 454 tons of non-hazardous metal-impacted soil/fill by RE Lorenz for disposal at Modern Landfill located in Model City New York.
- Pool Area Excavation – Excavation and off-site disposal of 219 tons of non-hazardous metal-impacted soil/fill by RE Lorenz for disposal at Modern Landfill, located in Model City New York.

- SS-2 Excavation – Excavation and off-site disposal of 43.5 tons of non-hazardous metal impacted soil/fill by RE Lorenz for disposal at Modern Landfill, located in Model City New York.
- Transformer Room – 41.5 tons of hazardous PCB-impacted concrete and soil was directly loaded into lined roll-offs, covered, placarded, and transported by Tonawanda Tank to Chemical Waste Management, Inc. (CWM) Landfill, located in Model City, New York. Three (3) transformer housings and eight (8) drums of transformer windings were properly packaged, placarded, and transported off-site by Tonawanda Tank for disposal at CWM Model City Landfill, located in Model City, New York. Two (2) drums of PCB-impacted sorbent rags, spill pads and containment materials were properly packaged, placarded and transported off-site by Tonawanda Truck for disposal at CWM Model City Landfill, located in Model City, New York.

3.1.2 402 and 430 Buffalo Avenue Interim Remedial Measures

- 430 Buffalo Avenue - TP-3 Excavation Area – A total of 616 tons of non-hazardous lead-impacted soil/fill was excavated and transported off-site by RE Lorenz for disposal at Modern Landfill, located in Model City, New York.
- 402 Buffalo Avenue – Radiologic Activities – 1,180 tons of slag-fill containing elevated levels of technologically enhanced naturally occurring radioactive material (TENORM), primarily associated with the asphalt and subbase, was removed, temporarily stockpiled, loaded and transported off-site to Austin Master Services', licensed radiologic handling facility, located in Martins Ferry, Ohio, and trans-loaded for shipment and disposal at Energy Solutions licensed landfill, located in Clive, Utah. Post-removal radiologic screening was completed and confirmed that the remedial activities achieved site background levels

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved 401 Buffalo Avenue IRM Work Plan (revised February 2015) and Addendum to the IRM Work Plan, (July 2015). All deviations from the work plans are noted below.

4.1 Governing Documents

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The HASP was complied with during remedial work performed at the Site, and was included in Appendix C of the RI Work Plan.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Section 4.0 of the Remedial Investigation Work Plan (November 2014) approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.1.3 Soil/Fill Management Plan (SFMP)

A SFMP was included as Appendix B of the 401 Buffalo Avenue IRM Work Plan (rev February 2015). The SFMP described the specific procedures for managing soil/fill at the site, including excavation, stockpiling, off-site transportation, collecting analytical samples and backfill for the Site.

The SFMP was complied with during remedial intrusive activities performed at the Site.

4.1.4 Community Air Monitoring Plan (CAMP)

Real-time community air monitoring was performed during remedial activities at the Site. A Community Air Monitoring Plan (CAMP) was included with Benchmark/Turnkey's HASP. Particulate monitoring was performed during remedial activities in accordance with this plan. This CAMP is consistent with the requirements for community air monitoring at remediation sites as established by the NYSDOH and NYSDEC. Accordingly, it follows procedures and practices outlined under NYSDEC's DER-10 Appendix 1A (NYSDOH's Generic Community Air Monitoring Plan) and Appendix 1B (Fugitive Dust and Particulate Monitoring). CAMP results are discussed in section 4.2.5 below. CAMP data is included in Appendix C.

4.1.5 Citizens Participation Plan

NYSDEC has coordinated and led community relations throughout the course of the project. Benchmark-TurnKey has supported the NYSDEC's community relation activities, as necessary. A Citizen Participation (CP) Plan was prepared by Benchmark-TurnKey and approved by NYSDEC in November 2014. A copy of the CP Plan, as well as the remedial work plan, is available for public review at the NYSDEC Region 9 office and the Erie County Public Library, the designated document repository.

As required for BCP sites, copies of the BCP application, RI/AA Work Plan, including the HASP and CAMP, Citizen Participation Plan, IRM Work Plan, Addendum to the IRM Work Plan, and RI-IRM-AA Report, were provided to the Earl Brydges Building, Niagara Falls Library for public review.

Public Notice and Fact Sheets were prepared by the Department, and mailed, as requested, and distributed via the NYSDEC email listserv, in accordance with the Department's approved Citizen Participation distribution list. A summary of the project's fact sheets is presented below. Copies of the fact sheets issued to date are provided in Appendix D.

- March 2014 – Public Notice for BCP Application. Written comments were accepted from March 12, 2014 until April 11, 2014. No public comments were received.
- December 2014 – Remedial Investigation Work Plan and Notification of Building Demolition: Public Comment Period Announced. Written comments

were accepted from December 15, 2014 until January 14, 2015. No public comments were received.

- October 2015 – Report Recommends Cleanup of Brownfield Site Contamination.
- November 2015 – Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced. Written comments were accepted from November 5, 2015 until December 21, 2015. No public comments were received.

Following NYSDEC approval of the Final Engineering Report and issuance of the Certificate of Completion (COC), Fact Sheets will be prepared and distributed to announce that (1) remedial construction has been completed; and (2) that the COC has been issued.

4.2 Remedial Program Elements

The IRMs were completed by Merani Hospitality, Inc., and their designated contractors and subcontractors, with oversight provided by Benchmark-TurnKey. The work was completed in general accordance with 6NYCRR Part 375 and New York State Department of Environmental Conservation (NYSDEC) DER-10 guidelines and the approved IRM Work Plan and addendum.

4.2.1 Contractors and Consultants

- Benchmark Environmental Engineering & Science, PLLC (Benchmark) served as the Engineer of Record.
- TurnKey Environmental Restoration, LLC, in association with Benchmark, inspected the work as completed by the contractors, corresponded with the NYSDEC, and collected samples for analysis;
- Greater Radiological Dimensions, Inc. (GRD) completed on-Site radiologic field screening, provided radiologic disposal oversight, and provided on-site Radiologic Safety Training.
- Austin Master Services, LLC (AMS) completed on-Site radiologic field screening, provided radiologic excavation oversight, radiologic disposal management, and provided on-site Radiologic Safety Training.

- TREC Environmental Inc. provided drilling services related to the remedial investigation;
- RE Lorenz Construction completed investigation and remedial excavation, and off-site transportation services of non-hazardous soil/fill for disposal and asphalt recycling, and hauling of approved virgin-source backfill stone;
- Earth Dimensions, Inc. provided groundwater monitoring well drilling and installation services;
- Alpha Analytical Labs provided laboratory analytical services.
- Data Validation Services reviewed and validated analytical data packages.

4.2.2 Site Preparation

A Site meeting was held, in addition to routine meetings and correspondence, with NYSDEC, Merani Hospitality, LLC, and Benchmark/TurnKey, prior to the commencement of the remedial investigation and cleanup activities.

Documentation of NYSDEC and other agency approvals are included in Appendix E.

A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the Remedial Action.

4.2.3 General Site Controls

Permanent fencing is installed around the 401 Buffalo Avenue portion of the Site, with locked gates controlling access. A Site trailer is located on the 402 Buffalo Avenue parcel. Traffic cones and temporary security fencing (snow fending) was used during the project to identify work areas, and limit access to exclusion zone.

4.2.4 Nuisance controls

During excavation and off-site transportation activities, inspection and frequent cleaning of the exit/entrances to the Site was completed. Additionally, water was used to control dust on-Site, as needed.

No additional nuisance controls were required during remedial activities.

4.2.5 CAMP results

CAMP monitoring activities were completed during remedial excavation activities, in accordance with the approved air monitoring plan. All monitoring results conformed to the CAMP perimeter particulate (PM10) and the organic vapor (below 5 ppm) requirements with no exceedances of particulates or VOCs perimeter 15-minute average thresholds during the remedial work.

CAMP activities are detailed in the CAMP Summary Report and copies of CAMP field data sheets are provided electronically in Appendix C.

4.2.6 Reporting

NYSDEC, Merani Hospitality, and Benchmark/TurnKey had continual discussions, including on-Site meetings, electronic and telephone correspondence regarding progress throughout the entire remedial project.

Copies of daily field logs are included in Appendix F. A photo log of remedial activities is included in Appendix G.

4.3 Contaminated Materials Removal

Materials removed from the site included: building and demolitions debris; non-hazardous petroleum-, PAH- and metal-impacted soil/fill; universal and hazardous chemical waste; hazardous PCB-contaminated concrete, subbase and soil, transformers and windings, and sorbent material; and, elevated TENORM slag-fill material. Table 2 shows the total quantities of each category of material removed from the Site and the applicable transporters and disposal locations. Figures 5-7 present the locations of the IRM excavation activities, including end-point sample locations, as applicable. Disposal facility applications, approvals, load summaries, and disposal manifests are provided in Appendix H.

4.3.1 Building Demolition

Demolition of the 3-story building was completed by Total Wrecking from March through May 2015. Asbestos Containing Materials (ACM) contaminated demolition debris, including the west trench and south trench, was loaded into lined trailers, and shipped off-site for disposal at Hyland Landfill, located in Angelica New York, and/or loaded into lined

dumpsters and shipped to Waste Management's Chaffee Landfill, located in Chaffee, New York.

Washed concrete was transported off-site for recycling at Swift River – 47th Street C&D recycling facility (32W12), located in Niagara Falls, New York. Metal was transported off-site for recycling at Niagara Metals, located in Niagara Falls, New York.

4.3.2 Universal and Chemical Wastes

Chemical wastes from within the 3-story and 4-story sections of the building included flammable aerosols, lead acid batteries, mercury containing fluorescents lamps, petroleum oils, lubricants, oil-based paints, off-spec boiler treatment and commercial laundry chemicals, out-of-service fire extinguishers, and hydraulic oil from the elevators.

Chemical wastes were collected, properly decontaminated and cleared of potential ACM by 56 Services, Inc., segregated, appropriately containerized by waste category. On May 13, 2015, 27 drums/containers of properly labeled and placarded chemical wastes were transported off-site by Clean Harbors Environmental Services, Inc. for disposal/recycling at Clean Harbors El Dorado, LLC, located in El Dorado, Arkansas, Clean Harbors La Porte, LLC, located in La Porte Texas, and Spring Grove Resource Recovery, Inc., located in Spring Grove Ohio.

Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.3 Radiologic TENORM Material

4.3.3.1 401 Buffalo Avenue – TENORM IRM

Prior to intrusive radiologic activities, GRD provided on-Site radiologic training to all personnel involved with the radiologic material removal, including Total Wrecking, Benchmark/TurnKey and NYSDEC staff on April 6, 2015.

On April 10th and 11th, 2015, Total Wrecking excavated areas of elevated radiologic material and stockpiled on the 401 Buffalo Avenue parcel, in accordance with the Radiologic

Work Plan. GRD completed pre-and post-removal radiologic screening and provided clearances of the excavation area, stockpile area, and excavation equipment.

On May 1, 2015, 72.5 tons of elevated radiologic material was loaded by Total Wrecking, and transported off-site by Tonawanda Tank Transport (9A-080/NYD097644801) for off-site disposal at WM's Mahoning Landfill, located in New Springfield, Ohio. GRD completed radiologic screening and clearances during loading activities.

Figure 5 presents the location of the radiologic material excavations. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3. Post-removal clearance screening documentation is included in Appendix J.

4.3.3.2 402 Buffalo Avenue – TENORM IRM

Prior to removal activities, AMS provided on-Site radiologic training for personnel involved with the remedial activities, including RE Lorenz and Benchmark/TurnKey staff on October 2, 2015.

Between October 5 and October 19th, 2015, 1,180 tons of TENORM slag-fill, primarily associated with the asphalt and subbase, was removed, temporarily stockpiled on-Site on poly sheeting, loaded and transported off-site by McCutcheon Enterprises, Inc. (PA-007) and D&V Trucking, Inc. (OH-168) to Austin Master Services', licensed radiologic facility (ODH0321907000; ODNR 2014-541), located in Martins Ferry, Ohio, and trans-loaded for shipment and disposal at Energy Solutions licensed landfill, located in Clive, Utah. Post-removal radiologic screening was completed, and confirmed that the remedial activities achieved site background levels (see Figure 8). Post-removal clearance screening documentation is included in Appendix J.

It should be noted that a small area of off-site elevated TENORM slag-fill (south of 401 Buffalo Avenue property boundary) was disturbed during removal of the on-Site asphalt parking lot located in the southwest corner of 401 Buffalo Avenue. AMS provided radiologic screening during asphalt removal, and segregated approximately 10 tons of elevated asphalt and slag-fill subbase. This elevated material was disposed of with the 402 Buffalo Avenue material documented above.

4.3.4 Petroleum Impacted Soil

During removal of subgrade footers/foundations of the former 3-story building, an area of petroleum-impacted soil/fill was identified. Petroleum-impacted soil/fill was excavated by Total Wrecking and temporarily stockpiled on-Site.

On June 3, 2015, RE Lorenz (9A-799) loaded 41.5 tons of petroleum-impacted soil/fill and transported off-site for disposal at Modern Landfill, located in Model City, New York.

Figure 5 shows the approximate lateral extent of the IRM excavations and the locations of the confirmatory samples collected. Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Table 3 summarizes the post-excavation end-point sample results. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.5 Parking Lot Island Area - Metal-Impacted Soil/Fill

On June 3rd 2015, approximately 454 tons of non-hazardous metals impacted soil/fill was excavated and transported off-site by RE Lorenz (9A-799) for disposal at Modern Landfill, located in Model City, New York.

Figure 5 shows the approximate lateral extent of the IRM excavations and the locations of the confirmatory samples collected. Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Table 4 summarizes the post-excavation end-point sample results. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.6 Pool Area – Metal-Impacted Soil/Fill

On June 3rd and 4th, 2015, approximately 219 tons of non-hazardous metal impacted soil/fill was excavated from beneath the former pool area and transported off-site by RE Lorenz (9A-799) for disposal at Modern Landfill, located in Model City, New York.

Figure 5 shows the approximate lateral extent of the IRM excavations and the locations of the confirmatory samples collected. Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Table 4

summarizes the post-excavation end-point sample results. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.7 SS-2 Area - Metal-Impacted Soil

After completion of the Pool Area excavation, Merani, in consultation with the Department, elected to address shallow metals impacted surface soil identified at SS-2. In total, 43.5 tons of non-hazardous metal impacted soil/fill was excavated and transported off-site by RE Lorenz (9A-799) for disposal at Modern Landfill, located in Model City, New York.

Figure 5 shows the approximate lateral extent of the IRM excavations and the locations of the confirmatory samples collected. Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Table 4 summarizes the post-excavation end-point sample results. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.8 Transformer Room PCB IRM Activities

On July 16, 2015, Total Wrecking installed decontamination/containment enclosures in preparation for PCB-remedial activities, including double layer plastic sheeting installed on the floor to cover ingress/egress route for material and equipment. Between July 16th and July 27, 2015, Total Wrecking removed and packaged three (3) transformer housings, eight (8) 55-gallon drums of transformer inner-windings, and two (2) 55-gallon drums of PCB-contaminated sorbent materials; and, excavated 41.5 tons of hazardous PCB-impacted concrete (block and slab), subbase and underlying soil/fill. Material was placed in lined roll-offs, covered, placarded, and transported off-site by Tonawanda Tank transport Services, Inc. (NYD097644801) for disposal at Chemical Waste Management (CWM) landfill (NYD049836679) permitted-landfill located in Model City, New York.

Figure 6 shows the approximate lateral extent of the IRM excavations and the locations of the confirmatory samples collected. Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Table 5 summarizes the post-excavation end-point sample results and Table 6 summarizes the post-

remedial wipe sample results. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.9 430 Buffalo Avenue - TP-3 Area - Metal-Impacted Soil/Fill

On August 10, 2015, 616 tons of non-hazardous lead-impacted soil/fill was excavated and transported off-site by RE Lorenz (9A-799) for disposal at Modern Landfill, located in Model City New York.

Figure 7 shows the approximate lateral extent of the TP-3 IRM excavation and the locations of the confirmatory samples collected. Table 2 shows the total quantities of each category of material removed from the site and the disposal/recycling locations. Table 7 summarizes the post-excavation end-point sample results. Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.10 Petroleum Impacted Asphalt (Spill 1504828)

Two (2) areas of petroleum-stained asphalt were evident in the southwest parking lot. One area was related to Spill 15004828, and the other of unknown source. In consultation with the Department to address the spill, it was agreed that the two (2) areas would be removed and disposed off-site. Additionally, suspect petroleum-odors were field identified by the geotechnical drillers (SJB) during advancement of boring F5, also located in the southwest parking lot. Spoils from the F5 geotechnical boring were inspected, but did not exhibit visual evidence of impacts or elevated PID readings. It was determined by Merani, in consultation with the Department that spoils from the F5 caisson drilling would be segregated, and disposed off-site with the stained asphalt patches.

In total 41.5 tons of petroleum stained asphalt, related to Spill 1504828 spoils from the F5 caisson drilling, were loaded and transported off-site by RE Lorenz (9A-799) for disposal at Modern Landfill, located in Model City New York.

Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.11 Excess Excavated Soil/Fill

Though not a component of the remedial measures, excess soil/fill generated during redevelopment activities, including excavations for subgrade utilities, site paving and grading activities, that was structurally unsuitable for on-Site reuse due to the presence of brick, block, and large limestone cobbles was removed from the Site.

Excess soil/fill removed from the Site include:

- Approximately 1,040 tons of excess soil/fill that was unable to be reused on-Site, was excavated during redevelopment activities by Anastasi, and transported off-site by RE Lorenz for disposal at Modern Landfill, located in Model City, New York.

Approvals from disposal facilities are included in Appendix H1; load summaries are included in Appendix H2; and, manifests and/or bills of lading are included in electronic format in Appendix H3.

4.3.12 Off-site Asphalt and Concrete Recycling

Though not a component of the remedial measures, non-impacted asphalt and concrete removed during the redevelopment activities was segregated and screened by GRD and/or Austin Masters Services (AMS) to confirm absence of elevated radioactivity prior to off-site transportation and recycling by Anastasi.

In total, 30 loads of asphalt and concrete were transported off-site by Anastasi for recycling at Swift River, registered C&D recycling facility (32W12) located in Niagara Falls, New York.

4.4 Remedial Performance/Documentation Sampling

Between April and September, 2015 remedial activities were completed across the Site. After completion of remedial measures, confirmatory samples were collected to verify achievement of remedial goals.

Regarding 401 Buffalo Avenue remedial activities, a total 28 confirmatory samples were collected, including: three (3) bottom soil samples from the shallow petroleum-impacted area excavation; four (4) composite soil samples from the shallow island parking lot excavation; four (4) sidewall samples and one (1) bottom sample from the pool area

excavation; one (1) composite soil sample for the shallow SS-2 excavation area; and eight (8) soil samples, one (1) pipe contents soil sample, and four (4) post-remedial wipe samples from the PCB area. All post-remedial sample results were below Residential Use SCOs. End-point confirmatory sample results are summarized on Tables 3-6. Locations of the IRM activities and confirmation sample locations are presented on Figures 5 and 6.

Regarding 430 Buffalo Avenue remedial activities, a total of ten (10) post-excavation soil samples were collected, including: eight (8) sidewall samples and two (2) bottom samples. Post-excavation sample results confirmed removal of lead exceeding ISCOs, with results below CSCOs. Table 7 summarizes the TP-3 post-excavation results, and lateral extents of the excavation and locations are presented on Figure 7.

All verification samples were collected and analyzed in accordance with USEPA SW-846 methodology with equivalent Category B deliverables to allow for independent third-party data usability assessment. Appendix I includes a copy of the laboratory analytical data packages.

The Data Usability Summary Reports (DUSRs), completed by Data Validation Services (DVS), indicates that sample analyses were conducted in compliance with the required analytical protocols. Most sample results are usable either as reported or with minor qualification/edit, with the exception of the results for 1,4-dioxane, which are not usable in the samples due to poor processing responses (a common occurrence). The DUSR is included in Appendix K.

Regarding post-removal radiologic screening. GRD and AMS provided post-radiologic removal clearance screening on the project. Post-removal screening results were all less than or equal to background readings of 6,000-8,000 cpm. GRD/AMS also completed post-removal screening of heavy equipment involved in the removal activities. Documents are included in Appendix J.

4.5 On-Site Reuse and Imported Backfill

4.5.1 On-Site Reuse of Clean Soils

Based on the RI and IRM results for the 401 Buffalo Avenue portion of the Site, whereby all soil analytical results were below Residential Use SCOs, clean soils excavated as part of the redevelopment of the 401 Buffalo Avenue portion of the Site, were used to

backfill the TP-3 excavation on 430 Buffalo Avenue, backfill and grade the remedial excavation on the 402 Buffalo Avenue portion of the Site, and as clean cover material for the cover system on 430 Buffalo Avenue. In total, approximately 9,000 cubic yards of clean soil was reused on-Site with approval from NYSDEC.

4.5.2 Imported Off-site Source Stone

Prior to bringing imported backfill material on-Site, analytical sampling results and/or stone sieve analysis were provided to the Department for review and approval, in accordance with DER-10 requirements. Two (2) virgin-source stone quarries, LaFarge Niagara Plant, and LaFarge Lockport plant were approved for backfill stone.

To date, 7,813 tons of approved virgin-source 2-inch run-of-crush (ROC) stone Lafarge, was used as backfill on 401 Buffalo Avenue in association with the hotel redevelopment project; and 222 tons of ROC was used to backfill-grade a portion of 402 Buffalo Avenue parcel.

Approximately 850 tons of approved No. 1 stone from Lafarge, was used as backfill on 401 Buffalo Avenue in association with the hotel redevelopment project.

Backfill source material was approved in accordance with the work plan, DER-10 and/or correspondence with the Department. Table 8 summarizes the backfill analytical results, and Table 9 summarizes the backfill stone source and quantity. NYSDEC approval of backfill material is provided in Appendix E, and backfill source scale receipts and sieve analysis are included in Appendix L.

4.6 Contamination Remaining at the Site

Based on findings of the RI and post-excavation soil analytical results for the completed IRMs, the 401 and 402 Buffalo Avenue parcels comply with 6NYCRR Part 375 Residential Use SCOs. Certain locations remain on Site with soils exceeding Unrestricted Use SCOs (see Table 10 and Figure 9).

Some soil/fill remaining beneath the cover system on the 430 Buffalo Avenue parcel exceeds the Unrestricted, Restricted-Residential and Commercial Use SCOs (see Table 10); however, the remaining contamination is beneath the cover system, limited access with the exception of construction workers. All elevated detections from sample locations on the 430 Buffalo Avenue parcel are below 100 ppm total PAHs, with one minor exception; and those

areas are located beneath the cover system, in compliance with the Track 4 Restricted Residential Use cleanup.

Based on the RI groundwater data, the vast majority of analytes were detected below GWQS. Select VOCs, SVOCs, one metals and one pesticide were detected slightly above their GWQS. No PCBs or herbicides were detected above GWQS. Table 11 summarizes the RI groundwater results, and Figure 3 identifies well locations.

Figure 9 summarizes the results of all soil samples remaining at the site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs. Since contaminated soil and groundwater remains beneath the cover system on 430 Buffalo Avenue after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.7 Soil Cover System

Exposure to remaining contamination in soil/fill at the site is prevented by a soil cover system. This cover system is comprised of a minimum of 24 inches of clean soil on the 430 Buffalo Avenue parcel to address residual contamination exceeding RRSCOs; 401 and 402 Buffalo Avenue results achieved Residential Use SCOs and therefore does not require cover.

Prior to placement of clean cover soils, a demarcation layer was installed to identify material being left in-place prior to placement of minimum of 24-inches of clean soil placement. Figure 10 identifies the location of the soil cover system on 430 Buffalo Avenue, and Figure 11 provides the soil cover system details and verification survey results.

An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix B of the approved Site Management Plan (SMP).

4.8 Other Engineering Controls

The remedy for the site did not require the construction of any other engineering control systems.

4.9 Institutional Controls

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Control; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted residential, commercial or industrial uses only.

The environmental easement for the site was executed by the Department on November 30th, 2015, and filed with the Niagara County Clerk on December 8, 2015. The County Recording Identifier number for this filing is 2015-21593. A copy of the easement and proof of filing is provided in Appendix A.

4.10 Deviations from the Remedial Action Work Plan

The remedial activities were completed in general accordance with the approved IRM Work Plan.

Though not a deviation from the approved work plan, additional remedial measures were completed on Site, including:

- Spill No. 1504828 was opened for the Site on August 3, 2015. The spill was related to a hydraulic line failure on a roll-off delivery truck. The spill was contained to asphalt covered ground surface, approximately 10 feet by 5 feet, and was immediately addressed with sorbent spill pads and aggregate material. Impacted spill materials were containerized and disposed by the spiller (Tonawanda Tank Transport). The Spill file was closed on August 4, 2015 and additional remedial measures were completed under the BCP.

  The area of impacted asphalt was removed and transported off-site for disposal at Modern Landfill, Located in Model City, New York. It should also be noted that a second area of petroleum stained asphalt (approximately 10 feet by 10 feet) was also removed and disposed as described above. Source of additional staining is unknown.

- During the F5 caisson drilling, suspect petroleum odors were noted by the geotechnical drillers. Spoils from the F5 drilling were stockpiled in

accordance with the approved SFMP, and transported off-site for disposal at Modern Landfill.

5.0 REFERENCES

1. TurnKey Environmental Restoration, LLC. *Site Management Plan, 402 and 430 Buffalo Avenue Site, Niagara Falls, New York, BCP Site No. C932164.* August 2015 (draft).
2. Benchmark Environmental Engineering and Science, PLLC, in association with TurnKey Environmental Restoration, LLC. *Remedial Investigation/Interim Remedial Measures/Alternatives Analysis Report, 402 and 430 Buffalo Avenue Site, Niagara Falls, New York. BCP Site No. C932164.* August 2015
3. TurnKey Environmental Restoration, LLC. *Addendum to the Interim Remedial Measures Work Plan, 402 and 430 Buffalo Avenue Site, Niagara Falls, New York, BCP Site No. C932164.* December 2014.
4. TurnKey Environmental Restoration, LLC. *Interim Remedial Measures Work Plan, 401Buffalo Avenue Site, Niagara Falls, New York, BCP Site No. C932164.* December 2014.
5. TurnKey Environmental Restoration, LLC. *Remedial Investigation Work Plan, 401, 402, and 430 Buffalo Avenue Site, Niagara Falls, New York, BCP Site No. C932164.* November 2014.
6. New York State Department of Environmental Conservation. *DER-10 - Technical Guidance for Site Investigation and Remediation.* May 2010.

TABLES

TABLE 1

SUMMARY OF OFF-SITE SOIL/FILL SAMPLE RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs[2]	Restricted Residential Use SCOS[2]	Commercial Use SCOs[2]	Sample Location						
				Northern Boundary - 1 (1.5'-2.5')	Northern Boundary - 2 (1.5'-2.5')	Northern Boundary - 3 (1.5'-2.5')	Northern Boundary - 4 (1.5'-2.5')	Eastern Boundary - 1 (1.5'-2.5')	Eastern Boundary - 2 (1.5'-2.5')	Eastern Boundary - 3 (1.5'-2.5')
				10/27/2015				12/7/2015		
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]										
2-Methylnaphthalene	--	--	--	0.11 J	0.065 J	ND	ND	ND	ND	ND
Acenaphthene	20	100	500	0.82	0.37	0.048 J	0.057 J	ND	0.045 J	ND
Acenaphthylene	100	100	500	1	1.4	0.11 J	0.12 J	ND	ND	ND
Acetophenone	--	--	--	ND	ND	ND	0.15 J	ND	ND	ND
Anthracene	100	100	500	2.6	1.4	0.15	0.21	ND	0.072 J	ND
Benzaldehyde	--	--	--	ND	ND	ND	ND	0.23 J	0.14 J	0.082 J
Benzo(a)anthracene	1	1	5.6	9.2	5.4	0.44	0.88	0.091 J	0.26 J	ND
Benzo(a)pyrene	1	1	1	8.8	5.2	0.38	0.96	0.074 J	0.27 J	ND
Benzo(b)fluoranthene	1	1	5.6	11	6.9	0.51	1.5	0.098 J	0.39 J	ND
Benzo(ghi)perylene	100	100	500	5.2	3.2	0.21	0.55	0.047 J	0.19 J	ND
Benzo(k)fluoranthene	0.8	3.9	56	4.2	2.4	0.22	0.47	0.04 J	0.14 J	ND
Carbazole	--	--	--	1	0.4	0.065 J	0.1 J	ND	0.065 J	ND
Chrysene	1	3.9	56	9.5	5.2	0.52	0.93	0.086 J	0.27	ND
Dibenzo(a,h)anthracene	0.33	0.33	0.56	1.6	1.1	0.067	0.17	ND	0.047	ND
Dibenzofuran	7	59	350	0.3	0.1 J	ND	ND	ND	ND	ND
Fluoranthene	100	100	500	18	9	0.87	1.5	0.18	0.59	0.057 J
Fluorene	30	100	500	0.69	0.28	ND	0.061 J	ND	ND	ND
Hexachlorobutadiene	--	--	--	0.45	0.13 J	0.085 J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	5.8	3.6	0.26	0.6	0.11 J	0.24	ND
Naphthalene	12	100	500	0.23	0.11 J	ND	ND	ND	ND	ND
Phenanthrene	100	100	500	7.3	2.9	0.67	0.76	0.12	0.38	ND
Pyrene	100	100	500	15	6.6	0.72	1.3	0.14	0.45	0.045 J
Total PAHs	--	100	500	100.94	55.06	5.18	10.07	0.99	3.34	0.10
Metals - mg/Kg										
Arsenic	13	16	16	6.9	6.8	4.3	4.2	24	4.3	4.6
Barium	350	400	400	390	260	50	64	110	63	59
Beryllium	7.2	72	590	0.28	0.13 J	0.19 J	0.19 J	0.067 J	0.35 J	0.36 J
Cadmium	2.5	4.3	9.3	0.34 J	2.7	0.57	0.51	0.4	0.28	0.39
Chromium	30	180	1500	13	6.8	6.8	7.7	23	11	8.4
Copper	50	270	270	15	16	17	18	26	21	17
Lead	63	400	1000	1100	360	73	85	220	87	78
Manganese	1600	2000	10000	380	440	540	550	640	450	750
Mercury	0.18	0.81	2.8	0.06 J	0.13	0.83	0.1	0.6	0.2	0.17
Nickel	30	310	310	8.2	6.4	7.5	8	13	15	9.8
Selenium	3.9	4	4	ND	ND	ND	ND	0.32	ND	ND
Silver	2	8.3	8.3	ND	ND	ND	ND	0.3	ND	ND
Zinc	109	10000	10000	550	1200	330	280	190	160	230

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per6NYCRR Part 375 Soil Cleanup Objectives (SCOs).

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter; Parameter not analysed for.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold	= Result exceeds Unrestricted Use SCOs.
Bold	= Result exceeds Restricted Residential Use SCOs.
Bold	= Result exceeds Commercial Use SCOs.

TABLE 2

SUMMARY OF MATERIALS REMOVED FROM SITE

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

Activity and Material/Item	Quantity	Units	Responsible/Transportation Company	Trucking No.	Disposal Location/ Facility ID	Disposal Profile No.
Soil/Fill						
Petroleum Impacted Soil/Fill (June 2015)	41.53	Tons	RE Lorenz	9A-799	Modern Landfill, Model City NY	M15-2816
Island Area - Metal Impacted Soil/Fill (June 2015)	454.17	Tons	RE Lorenz	9A-799	Modern Landfill, Model City NY	M15-2816
Pool Area Aresenic Impacted Soil/Fill (June 2015)	218.99	Tons	RE Lorenz	9A-799	Modern Landfill, Model City NY	M15-2816
SS-2 Metal Impacted Soil/Fill (June 2015)	43.46	Tons	RE Lorenz	9A-799	Modern Landfill, Model City NY	M15-2816
TP-3 Lead Impacted Soil/Fill (August 2015)	615.96	Tons	RE Lorenz	9A-799	Modern Landfill, Model City NY	M15-2816
Spill No. 1504828 and F5 - Petroleum-Impacted Asphalt-Soil/Fill	41.50	Tons	RE Lorenz	9A-799	Modern Landfill, Model City NY	M15-2816
Chemical Waste						
Liquid Wastes	10	Drums	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors El Dorado, LLC, El Dorado, Arkansas (ARD069748192)	CH983431
Compressed Helium	1	Drum	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors La Porte, LLC, La Porte, Texas (TXD982290140)	CM042715
Carbon Dioxide	1	Drum	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors La Porte, LLC, La Porte, Texas (TXD982290140)	CM042715
Used Petroleum Oil	2	Drums	Clean Harbor Environmental Services, Inc.	MAD039322250	Spring Grove Resource Recovery, Inc., Spring Grove, Ohio (OHD000816629)	CH983431
Oil Based Paint Cans	1	Drum	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors El Dorado, LLC, El Dorado, Arkansas (ARD069748192)	CH983422
Flammable Waste Aerosols	1	Drum	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors El Dorado, LLC, El Dorado, Arkansas (ARD069748192)	CH983418
Propane	1	5 Gal. Pail	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors La Porte, LLC, La Porte, Texas (TXD982290140)	CH983418
MAPP (Methyl acetylene and propadiene mixtures)	1	5 Gal. Pail	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors La Porte, LLC, La Porte, Texas (TXD982290140)	CM042715
Waste Latex Paint	1	Drum	Clean Harbor Environmental Services, Inc.	MAD039322250	Spring Grove Resource Recovery, Inc., Spring Grove, Ohio (OHD000816629)	CH983449
Lead Acid Batteries	1	Drum	Clean Harbor Environmental Services, Inc.	MAD039322250	Clean Harbors El Dorado, LLC, El Dorado, Arkansas (ARD069748192)	CH983422
Hydraulic Oil (Elevator)	7	Drums	North American Industrial Services	9A-777	American Recyclers Company, Tonawnada NY (NYR00030809)	G-10106IN
Universal Wastes (Per 56 Services, Inc.)						
PCB Light Ballasts	1	Drums	Franks Vacuum Truck Service, Inc.	9A-332/ NYD982792814	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	NY305490
Universal Waste Lamps Compact Fluorescent Bulbs	1	Drums	Franks Vacuum Truck Service, Inc.	9A-332/ NYD982792814	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	114262NY
Universal Waste Lamps Fluorescent Tubes	7	Drums	Franks Vacuum Truck Service, Inc.	9A-332/ NYD982792814	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	114228NY
Fire Extinguishers	6	Each	Per 56 Services, Inc.	-	Dival Safety Equipment, Buffalo, New York	--
Power Cell Batteries	20	Each	Per 56 Services, Inc.	-	Niagara Metals Recycling Facility, Niagara Falls, New York (7104997)	--
Smoke Detectors	150	Each	Per 56 Services, Inc.	-	System Sensor (Returned to Manufacturer for Mercury Recovery)	--
Radiologic Material						
Radiologic Material (401 Buffalo Avenue)	72.5	Tons	GRD/ Tonawanda Tank Transport, Inc.	9A-080	Waste Management's Mahoning Landfill, New Springfield, Ohio	493274OH
Radiologic Material (402 Buffalo Avenue)	1,180.13	Tons	MS/ McCutcheon Enterprises, Inc./ D&V Trucking, In	PA-007/ OH-168	Energy Solutions - Clive Facility Containerized Waste, Clive, Utah	UTD982598898
Transformer Room (PCB Impacted Material)						
PCB Wastes - Concrete, Soil and Debris (NY305749)	41.46	Tons	Tonawanda Tank Transport, Inc.	NYD097644801	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	NY305749
PCB Wastes - Transformers (NY305750)	3	Transformers	Tonawanda Tank Transport, Inc.	NYD097644801	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	NY305750
PCB Wastes - Transformers Inners (NY305750)	8	Drums	Tonawanda Tank Transport, Inc.	NYD097644801	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	NY305750
PCB Sorbent Wastes (NY305807)	2	Drums	Tonawanda Tank Transport, Inc.	NYD097644801	CWM Chemical Services, Inc. Model City, NY (NYD049836679)	NY305807

TABLE 3

SUMMARY OF PETROLEUM AREA IRM AREA POST-EXCAVATION CONFIRMATORY SOIL ANALYTICAL RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs [2]	Sample Location		
		Petroleum Area East	Petroleum Area Middle	Petroleum Area West
		4/14/2015		
Volatile Organic Compounds (VOCs) - mg/Kg [3]				
2-Butanone (MEK)	**0.12**	ND	0.0056 J	ND
4-methyl-2-pentanone (MIBK)	--	ND	0.00094 J	0.0024 J
Acetone	**0.05**	ND	0.0097 B,J	ND
Tetrachloroethene	**1.3**	0.00027 B,J	ND	ND
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]				
Bis(2-ethylhexyl) phthalate	--	0.048 J	ND	ND

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter; Parameter not analysed for.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B= Compund was found in the laboratory method blank.

Bold = Result exceeds Unrestricted Use SCOs.

TABLE 4

SUMMARY OF 401 BUFFALO AVENUE IRM POST EXCAVATION SOIL SAMPLING RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs [2]	401 Buffalo Avenue IRM Excavation Area - Sample Location									
		Parking Lot - Island Area				Pool Area					SS-2
		Bottom Comp 1	Bottom Comp 2	Bottom Comp 3	Bottom Comp 4	North Wall	South Wall	East Wall	West Wall	Bottom	Comp
		6/3/2015				6/4/2015					6/4/2015
Metals - mg/Kg											
Arsenic	**13**	1.8	3.2	1.4	2.8	2.4	1.9	1.6	0.77	2.1	2.5
Barium	**350**	31	18	42	40	22	30	13	11	24	24
Beryllium	**7.2**	0.21 J	0.18 J	0.27	0.1 J	0.2 J	0.22 J	0.14 J	0.1 J	0.15 J	0.2 J
Cadmium	**2.5**	ND	ND	ND	ND	ND	ND	ND	0.08 J	0.04 J	ND
Chromium	**30**	6.2	5.2	5.9	3.1	5.8	6.3	4.6	3.1	4.3	5.5
Copper	**50**	8.8	9.6	6.7	6.9	7.1	7	5.1	3.4	6	6.2
Lead	**63**	24	1.7 J	33	60	3.2	5.1	2 J	22	22	6.3
Manganese	**1600**	380	150	600	260	280	290	290	240	340	270
Mercury	**0.18**	0.08	0.08	0.16	0.12	0.077 J	0.09 J	0.068 J	0.08	0.1	0.03
Nickel	**30**	6.8	8.4	5.4	3.4	7.4	7.2	5.8	2.8	4.6	5.6
Silver	**2**	ND	ND	0.16 J	0.08 J	ND	ND	ND	0.09 J	0.09 J	ND
Selenium	**--**	ND	ND	ND	ND	ND	ND	ND	ND	0.14 J	ND
Zinc	**109**	70	28	63	59	37	41	29	100	99	43 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter; Parameter not analyzed for.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold = Result exceeds Unrestricted Use SCOs.

TABLE 5

SUMMARY OF TRANSFORMER ROOM PCB POST-EXCAVATION SOIL ANALYTICAL RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs[2]	Residential Use SCOs[2]	SAMPLE LOCATION								
			A-1 (1')	B-1 (1')	C-1 (1')	D-1 (1')	E-1 (1')	F-1 (1')	G-2 (2')	H-2 (2')	Pipe Sediment
			7/22/2015						7/24/2015		7/23/2015
Polychlorinated biphenyls (PCBs) - mg/Kg [3]											
Aroclor 1254	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.208
Aroclor 1260	--	--	0.0477	0.632	0.00653 J	0.317	0.07	0.0208 J	0.0245 J	ND	0.266
Total PCBs	0.1	1	0.0477	**0.632**	0.00653	**0.317**	0.07	0.0208	0.0245	ND	**0.474**

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold	= Result exceeds Unrestricted Use SCOs.
Bold	= Result exceeds Residential Use SCOs.

TURNKEY ENVIRONMENTAL RESTORATION, LLC

TABLE 6

SUMMARY OF TRANSFORMER ROOM POST-REMEDIAL PCB WIPE SAMPLE RESULTS

FINAL ENGINEERING REPORT

402 and 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

Parameter[1]	Transformer Room PCB Wipe Sample Locations			
	South Wall Wipe	South Footer Wipe	West Wall Wipe	West Footer Wipe
	7/23/2015			
Polychlorinated biphenyls (PCBs) - ug/Abs				
Aroclor 1016	ND	ND	ND	ND
Aroclor 1221	ND	ND	ND	ND
Aroclor 1232	ND	ND	ND	ND
Aroclor 1242	ND	ND	ND	ND
Aroclor 1248	ND	ND	ND	ND
Aroclor 1254	ND	ND	ND	ND
Aroclor 1260	ND	1.24	ND	0.921
Aroclor 1262	ND	ND	ND	ND
Aroclor 1268	ND	ND	ND	ND
Total PCBs	ND	1.24	ND	0.921

Notes:

1. Sample results were reported by the laboratory in ug Abs; equivalent to ug/100 cm^2.

Definitions:

ND = Parameter not detected above laboratory detection limit.

TABLE 7

SUMMARY OF 430 BUFFALO AVENUE TP-3 AREA IRM POST-EXCAVATION CONFIRMATORY SOIL ANALYTICAL RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs [2]	Restricted Residential Use SCOs [2]	Commercial Use SCOs [2]	430 Buffalo Avenue TP-3 IRM Excavation Area - Sample Location									
				Northwall 1	Northwall 2	Eastwall 1	Eastwall 2	Southwall 1	Southwall 2	Westwall 1	Westwall 2	Bottom 1	Bottom 2
				8/10/2015									
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]													
Acenaphthene	20	100	500	ND	1.5	0.59 J	ND	ND	ND	1.3	ND	ND	0.16
Acenaphthylene	100	100	500	ND	0.77	ND	ND	ND	ND	0.57	ND	ND	0.16
Anthracene	100	100	500	0.38 J	5.2	1.3	ND	ND	ND	3.4	ND	ND	0.12
Benzo(a)anthracene	1	1	5.6	1.4	13	3.1	ND	ND	ND	7.2	ND	ND	0.12
Benzo(a)pyrene	1	1	1	1.3	12	2.8	ND	ND	ND	5.8	ND	ND	0.16
Benzo(b)fluoranthene	1	1	5.6	1.3	12	2.4	ND	ND	ND	7.7	ND	ND	0.12
Benzo(ghi)perylene	100	100	500	0.83	6.9	1.6	ND	ND	ND	3.6	ND	ND	0.16
Benzo(k)fluoranthene	0.8	3.9	56	1	9.6	2.3	ND	ND	ND	2.7	ND	ND	0.12
Chrysene	1	3.9	56	1.4	13	3	ND	ND	ND	6.7	ND	ND	0.12
Dibenzo(a,h)anthracene	0.33	0.33	0.56	0.22	2	0.62	ND	ND	ND	0.92	ND	ND	0.12
Dibenzofuran	7	59	350	ND	0.86 J	0.36 J	ND	ND	ND	0.93	ND	ND	0.19 J
Fluoranthene	100	100	500	2.7	29	6.5	ND	0.05 J	ND	16	ND	ND	0.12
Fluorene	30	100	386	ND	1.6	0.59 J	ND	ND	ND	1.6	ND	ND	0.19
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	0.76	6.8	1.5	ND	ND	ND	4.2	ND	ND	0.16
Naphthalene	12	100	500	ND	0.73 J	0.36 J	ND	ND	ND	0.99	ND	ND	0.19 J
Phenanthrene	100	100	500	1.4	19	5.4	ND	ND	ND	12	ND	ND	0.12
Pyrene	100	100	500	2.2	22	5.3	ND	0.041 J	ND	13	ND	ND	0.12
Total PAHs	--	100	500	14.89 J	155.1	37.36	ND	0.091	ND	87.68	ND	ND	2.26
Metals - mg/Kg													
Arsenic	13	16	16	3.9	6.2	5.1	2	3.4	2.3	6.2	3.3	2.3	2.5
Barium	350	400	400	150	350	330	17	50	27	280	57	27	25
Beryllium	7.2	72	590	0.2 J	0.16 J	0.21 J	0.17 J	0.3	0.2 J	0.28	0.34	0.22 J	0.23
Cadmium	2.5	4.3	9.3	0.21 J	ND	0.92	ND	ND	ND	ND	ND	ND	ND
Chromium	30	180	1500	7.7	7	7.1	5.5	7.8	6.3	10	8	6.8	7.2
Copper	50	270	270	14	19	28	7.9	12	7.4	20	9.7	8.9	8.6
Lead	63	400	1000	260	320	810	9	38	5.7	650	44	14	3.3
Manganese	1600	2000	10000	470	390	440	160	470	400	390	600	380	370
Mercury	0.18	0.81	2.8	0.08	0.1	0.13	0.02 J	0.25	0.02 J	0.13	0.05 J	0.02 J	ND
Nickel	30	310	310	7	6.8	6.7	6.4	8.6	7.6	9.1	7.4	8.1	8.4
Silver	2	180	1500	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND
Zinc	109	10000	10000	300	410	660	180	120	54	370	83	110	58

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter; Parameter not analyzed for.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold	= Result exceeds Unrestricted Use SCOs.
Bold	= Result exceeds Restricted Residential Use SCOs.

TURNKEY ENVIRONMENTAL RESTORATION, LLC

TABLE 8

SUMMARY OF OFF-SITE SOURCE BACKFILL ANALYTICAL RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Residential Use [2]	Sample Location (Lafarge - Lockport)				Sample Location (Lafarge - Niagara)			
		Grab 1	Grab 2	Grab 3	Composite	Grab 1	Grab 2	Grab 3	Composite
		8/7/2015				8/7/2015			
Volatile Organic Compounds (VOCs) - mg/Kg [3]									
Acetone	**0.05**	ND	ND	ND	--	ND	0.011	ND	--
Methylcyclohexane	--	ND	ND	ND	--	ND	ND	0.0004 J	--
Total Xylenes	**1.6**	ND	ND	ND	--	0.00141 J	0.00202 J	0.00183 J	--
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]									
Bis(2-ethylhexyl) phthalate	--	--	--	--	ND	--	--	--	0.073 J
Total Metals - mg/Kg									
Aluminum	--	--	--	--	930	--	--	--	1000
Antimony	--	--	--	--	ND	--	--	--	ND
Arsenic	**16**	--	--	--	2.1	--	--	--	3.5
Barium	**350**	--	--	--	4.2	--	--	--	7.2
Beryllium	**14**	--	--	--	ND	--	--	--	0.08 J
Cadmium	**2.5**	--	--	--	0.61 J	--	--	--	0.42 J
Calcium	--	--	--	--	190000		--	--	180000
Chromium	**36**	--	--	--	3.1	--	--	--	3
Cobalt	--	--	--	--	1 J		--	--	1.3 J
Copper	**270**	--	--	--	3.4	--	--	--	3.9
Iron	--	--	--	--	5400		--	--	5800
Lead	**400**	--	--	--	59	--	--	--	35
Magnesium	--	--	--	--	1000000		--	--	100000
Manganese	**2000**	--	--	--	540	--	--	--	910
Mercury	**0.73**	--	--	--	ND	--	--	--	ND
Nickel	**130**	--	--	--	2.3	--	--	--	2.7
Potassium	--	--	--	--	760		--	--	820
Selenium	**4**	--	--	--	0.42 J	--	--	--	ND
Silver	**8.3**	--	--	--	0.24 J	--	--	--	0.4 J
Sodium	--	--	--	--	260	--	--	--	480
Thallium	--	--	--	--	ND	--	--	--	ND
Vanadium	--	--	--	--	3.7	--	--	--	3.5
Zinc	**2200**	--	--	--	170	--	--	--	200
Polychlorinated biphenyls (PCBs) - mg/Kg [3]									
Total PCBs	**1**	--	--	--	ND	--	--	--	ND
Pesticides and Herbicides - mg/Kg [3]									
alpha-Chlordane	**0.91**	--	--	--	ND	--	--	--	0.000608 J
Heptachlor	**0.38**	--	--	--	ND	--	--	--	0.00114

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Offsite Source Criteria Appendix 5 of DER-10.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter; Parameter not analysed for.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold "-" Exceeds the DER-10 Offsite Source Criteria for Residential Use.

TURNKEY ENVIRONMENTAL RESTORATION, LLC

TABLE 9

SUMMARY OF BACKFILL QUANTITIES AND SOURCES

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

Backfill - Location and Placement	Quantity	Units	Source of Imported Backfill	Description
401 Buffalo Avenue - Hotel Redevelopment Activities	7813.2	Tons	Lafarge Aggregate Plant, Niagara Falls, New York	2" Run-of-Crush
	849.61	Tons	Lafarge Aggregate Plant, Niagara Falls, New York	Clean NY #1s Stone
402 Buffalo Avenue - Backfill and Grading	222.2	Tons	Lafarge Aggregate Plant, Niagara Falls, New York	2" Run-of-Crush

TURNKEY ENVIRONMENTAL RESTORATION LLC

TABLE 10

SUMMARY OF REMAINING ON-SITE SOIL/FILL ABOVE UNRESTRICTED USE SCOs

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs [2]	SAMPLE LOCATION (DEPTH)																												
		TP-5 (1-3')	TP-7 (2-4')	SS-1	SS-4	SS-6	SS-7	TP-11 (1-3')	TP-12 (6-8')	TP-13 (1-3')	TP-14 (4-10')	TP-20 (1-3')	TP-22 (1-3')	TP-24 (1-4')	TP-25 (1-4')	TP-26 (1-3')	TP-28 (1-4')	TP-29 (1-4')	MW-3 (2-8')	SB-16 (1-7')	SB-7 (1-5')	SB-8 (MW-10) (8-10')	PCB Area B-1 (1')	PCB Area D-1 (1')	TP-3 Northwall 1	TP-3 Northwall 2	TP-3 Eastwall 1	TP-3 Eastwall 2	TP-3 Southwall 1	TP-3 Westwall 1	TP-3 Bottom 1
		10/4/2013		2/9-10/2015				2/9/2015				2/9/2015	2/11/2015			2/10/2015			4/15/2015	2/25/2015			7/22/2015		8/10/2015						
Volatile Organic Compounds (VOCs) - mg/Kg [3]																														
Acetone	0.05	--	--	--	--	--	--	ND	--	0.061 J	0.044 J	--	--	0.011 J	--	ND	--	--	0.031	--	--	0.44 J	--	--	--	--	--	--	--	--
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [3]																														
2-Methylnaphthalene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4 J	ND	0.48 J	0.84 J	ND	ND	ND	ND	ND		--	--	--	--	--	ND	ND	ND
Acenaphthene	20	2.2	0.052 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	0.14 J	1.7	ND	ND	ND	ND	ND	ND	ND	--	--	ND	1.5	0.59 J	ND	ND	1.3	ND
Acenaphthylene	100	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.63 J	0.44	0.83 J	2.6	ND	ND	ND	ND	ND	ND	--	--	ND	0.77	ND	ND	ND	0.57	ND
Anthracene	100	9.8 J	0.2 J	0.082 J	ND	0.034 J	ND	ND	ND	ND	ND	ND	3.6	0.62	5	7	ND	ND	ND	ND	ND	ND	--	--	0.38 J	5.2	1.3	ND	ND	3.4	ND
Benzo(a)anthracene	1	31	0.47	0.23	0.042 J	0.11 J	0.059 J	ND	0.05 J	ND	ND	ND	7.7	1.8	12	14	ND	ND	ND	ND	ND	ND	--	--	1.4	13	3.1	ND	ND	7.2	ND
Benzo(a)pyrene	1	30	0.41	0.22	ND	0.11 J	0.067 J	ND	0.051 J	ND	ND	ND	6.4	1.6	11	13	ND	ND	ND	ND	ND	ND	--	--	1.3	12	2.8	ND	ND	5.8	ND
Benzo(b)fluoranthene	1	38	0.53	0.31	0.049 J	0.12	0.11	ND	0.071 J	ND	ND	ND	8.3	2.2	15	16	ND	ND	ND	ND	ND	ND	--	--	1.3	12	2.4	ND	ND	7.7	ND
Benzo(ghi)perylene	100	18	0.22	0.13 J	ND	0.062 J	0.058 J	ND	ND	ND	ND	ND	3.8	0.98	6.1	7	ND	ND	ND	ND	ND	ND	--	--	0.83	6.9	1.6	ND	ND	3.6	ND
Benzo(k)fluoranthene	0.8	14	0.23	0.13	ND	0.055 J	0.04 J	ND	ND	ND	ND	ND	3.2	2	5.3	6.6	ND	ND	ND	ND	ND	ND	--	--	1	9.6	2.3	ND	ND	2.7	ND
Chrysene	1	31	0.47	0.25	0.037 J	0.1 J	0.067 J	ND	0.057 J	ND	ND	ND	7.1	1.6	12	13	ND	ND	ND	ND	ND	ND	--	--	1.4	13	3	ND	ND	6.7	ND
Dibenzo(a,h)anthracene	0.33	5	0.069	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.92	ND	1.6	1.8	ND	ND	ND	ND	ND	ND	--	--	0.22	2	0.62	ND	ND	0.92	ND
Dibenzofuran	7	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.82	0.088 J	1.2	1.2	ND	ND	ND	ND	ND	0.17 J	--	--	ND	0.86 J	0.36 J	ND	ND	0.93	ND
Fluoranthene	100	68	0.93	0.5	0.073 J	0.22	0.091 J	ND	0.11	ND	ND	0.042 J	15	3.8	24	26	ND	ND	ND	ND	ND	0.27	--	--	2.7	29	6.5	ND	0.05 J	16	ND
Fluorene	30	2.8	0.061	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	2.2	2.4	ND	ND	ND	ND	ND	0.19 J	--	--	ND	1.6	0.59 J	ND	ND	1.6	ND
Indeno(1,2,3-cd)pyrene	0.5	19	0.24	0.15 J	ND	0.063 J	0.061 J	ND	ND	ND	ND	ND	4.1	1.2	7	8	ND	ND	ND	ND	ND	ND	--	--	0.76	6.8	1.5	ND	ND	4.2	ND
Naphthalene	12	0.92 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.68 J	ND	1.7	1.4	ND	ND	ND	ND	ND	ND	--	--	ND	0.73 J	0.36 J	ND	ND	0.99	ND
Phenanthrene	100	29	0.65	0.34	ND	0.15	0.039 J	ND	0.039 J	ND	ND	ND	14	1.8	17	23	ND	ND	ND	ND	ND	ND	--	--	1.4	19	5.4	ND	ND	12	ND
Pyrene	100	56	0.75	0.39	0.059 J	0.19	0.079 J	ND	0.09 J	ND	ND	ND	13	2.9	19	22	ND	ND	ND	ND	ND	ND	--	--	2.2	22	5.3	ND	0.041 J	13	ND
Total PAHs	--	356 J	5.1	2.732	0.26	1.214	0.671	ND	0.468	ND	ND	0.042	93.25	21.685	159.72	167.6	ND	ND	ND	ND	ND	0.63	--	--	17.85	185.49	44.88	ND	0.091	106.8	ND
Metals - mg/Kg																														
Arsenic	13	6	6.3	9.5	4.9	12	2.6	5.2	2.9	6.4	4.3	4.9	10	9.5	5.1	13	3.3	2.7	4.2	7.1	2.8	3.8	--	--	3.9	6.2	5.1	2	3.4	6.2	2.3
Barium	350	970	59	86	6.7	66	13	66	21	34	22	47	1400	780	300	1700	17	17	52	48	13	15	--	--	150	350	330	17	50	280	27
Beryllium	7.2	ND	ND	0.52	0.07 J	0.31	ND	0.41	0.13 J	30	0.14 J	0.33	0.19 J	0.27	0.22	0.41	0.15 J	0.15 J	0.33	0.32 J	0.08 J	0.16 J	--	--	0.2 J	0.16 J	0.21 J	0.17 J	0.3	0.28	0.22 J
Cadmium	2.5	1.8	0.78	0.24 J	0.94	0.6	1.3	0.77	0.59	0.28 J	0.98	0.49 J	1	1 J	0.49 J	1.1	0.5 J	0.49 J	0.1 J	0.84 J	0.93	0.11 J	--	--	0.21 J	ND	0.92	ND	ND	ND	ND
Chromium	30	8.9	9.6	34	3	16	2.4	11	36	8.2	5.4	16	15	11	10	18	5.2	5.1	11	9.5	3.9	5.6	--	--	7.7	7	7.1	5.5	7.8	10	6.8
Copper	50	ND	ND	18	3.5	16	4.2	16	7	8.8	8.2	20	81	28	14	97	8.1	9.6	11	15	12	6.5	--	--	14	19	28	7.9	12	20	8.9
Lead	63	2100	130	29	41	96	42	73	18	20	46	23	2400	1100	320	2400	39	33	18	83	39	6.7	--	--	260	320	810	9	38	650	14
Manganese	1600	ND	ND	490	440	630	460	870	380	660	390	260	320	320	260	320	550	400	420	700	410	360	--	--	470	390	440	160	470	390	380
Mercury	0.18	0.17	0.09	0.17	0.04 J	0.24	0.06 J	0.1	0.02 J	0.12	0.03 J	0.16	0.29	0.2	0.52 J	0.46	0.03 J	0.02 J	ND	0.17 J	0.02 J	0.02 J	--	--	0.08	0.1	0.13	0.02 J	0.25	0.13	0.02 J
Nickel	30	ND	ND	17	3	11	2.6	11	5.2	9.3	5.4	6.6	6.8	9.4	6.2	11	4.9	5.3	12	9.2	4.3	7.2	--	--	7	6.8	6.7	6.4	8.6	9.1	8.1
Silver	2	0.22 J	ND	ND	0.1 J	0.11 J	ND	ND	ND	ND	ND	ND	0.14 J	0.13 J	ND	0.12 J	ND	ND	ND	0.14 J	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND
Selenium	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND	ND	ND	ND	ND
Zinc	109	ND	ND	85	280	200	410	300	140	81	200	110	2500	1000	320	2700	150	210	110	300	300	41	--	--	300	410	660	180	120	370	110
Polychlorinated biphenyls (PCBs) - mg/Kg [3]																														
Total PCBs	0.1	ND	ND	--	--	--	--	--	--	ND	ND	ND	--	ND	--	ND	--	--	0.0479	ND	--	ND	0.632	0.317	--	--	--	--	--	--	--
Pesticides and Herbicides - mg/Kg [3]																														
Total Pesticides and Herbocides	--	--	--	--	--	--	--	--	--	ND	ND	--	--	--	--	0.0948	--	--	0.05798	--	--	ND	--	--	--	--	--	--	--	--	--

Notes:

1. Only those parameters detected above USCOs at a minimum of one sample location are presented in this table. All other detections are below USCOs or are ND.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter; Parameter not analysed for.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold = Result exceeds Unrestricted Use SCOs.

TABLE 11

SUMMARY OF REMEDIAL INVESTIGATION GROUNDWATER ANALYTICAL RESULTS

FINAL ENGINEERING REPORT

402 AND 430 BUFFALO AVENUE SITE

NIAGARA FALLS, NEW YORK

Parameters [1]	Class GA GWQS [2]	Sample Location										
		MW-1	MW-2*	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
		4/16/15		5/1/15	4/16/15				6/4/15	4/16/15		
Volatile Organic Compounds (VOCs) - ug/L												
1,2,4-Trimethylbenzene	5	ND	3.4	ND	0.82 J	ND	**7.3**	ND	ND	ND	ND	**5.3**
1,3,5-Trimethylbenzene	5	ND	1.1 J	ND	2.2 J	ND	1 J	ND	ND	ND	ND	0.87 J
2-Butanone	50	2.9 J	4.9 J	ND	ND	ND	3.5 J	4.3 J	ND	3.3 J	2.8 J	ND
2-Hexanone	50	ND	ND	ND	ND	ND	ND	1.2 J	ND	1.1 J	1.1 J	ND
Acetone	50	13	27	ND	4 J	ND	16	41	2.5 J	15	15	ND
Benzene	1	ND	**4.2**	0.44 J	**1.5**	ND	0.81	0.19 J	0.17 J	0.61	ND	ND
Carbon disulfide	–	2.3 J	4.1 J	1.9 J	ND	ND	1.6 J	1.7 J	2.6 J	3.1 J	1.3 J	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	6.2	6.3	ND
Cyclohexane	–	ND	3.3 J	1.7 J	2.4 J	ND	0.48 J	ND	ND	ND	ND	0.63 J
Ethylbenzene	5	ND	1.4 J	ND	ND	ND	1.5 J	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	3.3
Methylcyclohexane	–	ND	2.3 J	1.9 J	4 J	0.51 J	0.64 J	ND	ND	ND	ND	1.6 J
n-Propylbenzene	5	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	1.4 J
p/m-Xylene	5	ND	**8.4**	0.9 J	3.7	ND	1.9 J	ND	ND	ND	ND	ND
o-Xylene	5	ND	2.9	0.74 J	1.2 J	ND	ND	ND	ND	ND	ND	ND
Xylene, Total	5	ND	**11.3**	1.64	4.9	ND	ND	ND	ND	1.4 J	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	1.4 J	ND	ND	ND	ND	3.1
Tetrachloroethene	5	ND	ND	ND	0.37 J	ND	ND	0.47 J	ND	0.23 J	ND	ND
Toluene	5	ND	12	1.2 J	4.5	ND	1.6 J	ND	ND	1.6 J	ND	ND
Trichloroethene	–	ND	12	ND	0.29 J	ND	ND	0.83	ND	1.6 J	ND	ND
Semivolatile Organic Compounds (SVOCs) - ug/L												
2-Methylnaphthalene	–	0.19 J	0.21	–	ND	ND	0.35 J	0.46	–	0.23	0.1 J	3.9
Acenaphthene	20	ND	ND	–	ND	ND	ND	0.32	–	ND	ND	1.4
Anthracene	–	ND	ND	–	ND	ND	ND	0.2	–	ND	ND	ND
Benzo(a)anthracene	0.002	**0.07 J**	ND	–	ND	ND	ND	**0.18 J**	–	ND	ND	ND
Benzo(a)pyrene	0	**0.1 J**	ND	–	ND	ND	ND	**0.19 J**	–	ND	ND	ND
Benzo(b)fluoranthene	0.002	**0.2**	**0.08 J**	–	ND	ND	ND	**0.25**	–	ND	ND	ND
Benzo(ghi)perylene	–	0.09 J	ND	–	ND	ND	ND	0.12 J	–	ND	ND	ND
Benzo(k)fluoranthene	–	**0.08 J**	ND	–	ND	ND	ND	**0.09 J**	–	ND	ND	ND
Biphenyl	–	ND	ND	–	ND	ND	ND	ND	–	ND	ND	1 J
Bis(2-ethylhexyl) phthalate	5	ND	1.4 J	–	ND	ND	ND	ND	–	ND	ND	ND
Chrysene	0.002	**0.15 J**	**0.06 J**	–	ND	ND	ND	**0.17 J**	–	ND	ND	ND
Dibenzofuran	–	ND	ND	–	ND	ND	ND		–	ND	ND	1 J
Fluoranthene	50	0.44	0.16 J	–	ND	ND	ND	0.42	–	ND	ND	ND
Fluorene	50	0.07 J	0.07 J	–	ND	ND	0.31 J	0.34	–	0.11 J	ND	3.3
Indeno(1,2,3-cd)pyrene	–	**0.11 J**	ND	–	ND	ND	ND	**0.13 J**	–	ND	ND	ND
Naphthalene	10	ND	0.14 J	–	ND	ND	ND	1.4	–	0.12 J	ND	ND
Phenanthrene	50	0.4	0.3	–	ND	ND	0.24 J	0.66	–	0.46	0.16 J	0.81 J
Pyrene	50	0.31	0.12 J	–	ND	ND	ND	0.36	–	ND	ND	ND
Polychlorinated Biphenyls - ug/L												
Total PCBs	0.09	ND	ND	–	ND	ND	ND	ND	–	ND	ND	ND
Dissolved Metals - ug/L [3]												
Arsenic	25	0.85	0.8	–	0.65	0.21 J	1.27	1.84	–	2.89	ND	2.23
Barium	1000	17.03	10.4	–	32.57	123.8	57.82	13.93	–	17.03	32.43	354.4
Cadmium	5	0.11 J	0.1 J	–	0.37	0.07 J	0.07 J	ND	–	0.11 J	0.29	ND
Chromium	50	2.45	1.5	–	2.03	2.11	0.66 J	1.33	–	2.98	0.67 J	0.8 J
Copper	200	1.86	1.8	–	1.65	0.9 J	2.24	4.48	–	2.97	0.36 J	ND
Lead	25	ND	ND	–	23.76	0.57 J	0.34 J	**29.18**	–	ND	ND	ND
Manganese	300	247.8	**335.9**	–	103.1	8	**423.6**	**425.4**	–	28.9	**572.2**	**431.4**
Nickel	100	7.64	14.3	–	3.1	0.45 J	10.28	6.72	–	1.94	18.06	2.32
Selenium	10	1.56 J	2 J	–	3.92 J	2.44 J	5	2.36 J	–	ND	5.15	ND
Zinc	2000	33.63	27.4	–	119.3	39.68	25.55	86.07	–	17.26	28.88	6.83 J
Pesticides and Herbicides - ug/L												
4,4'-DDD	0.3	ND	ND	–	ND	ND	ND	0.037 J	–	ND	ND	ND
4,4'-DDE	0.2	ND	ND	–	ND	ND	ND	0.076	–	ND	ND	ND
4,4'-DDT	0.2	ND	ND	–	ND	ND	ND	0.165	–	ND	ND	ND
Chlordane	0.05	ND	ND	–	ND	ND	ND	**0.528 P,I**	–	ND	ND	ND
cis-Chlordane	–	ND	ND	–	ND	ND	ND	0.033 P,I	–	ND	ND	ND
Heptachlor epoxide	0.03	ND	ND	–	ND	ND	ND	0.008	–	ND	ND	ND
trans-Chlordane	–	ND	ND	–	ND	ND	ND	0.019 J,P,I	–	ND	ND	ND

Notes:

1. Only parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. Sample results were reported by the laboratory in mg/L and converted to ug/L for comparisons to GWQSs
* = Suspect Groundwater Analytical Results, resampled on 05/01/15.

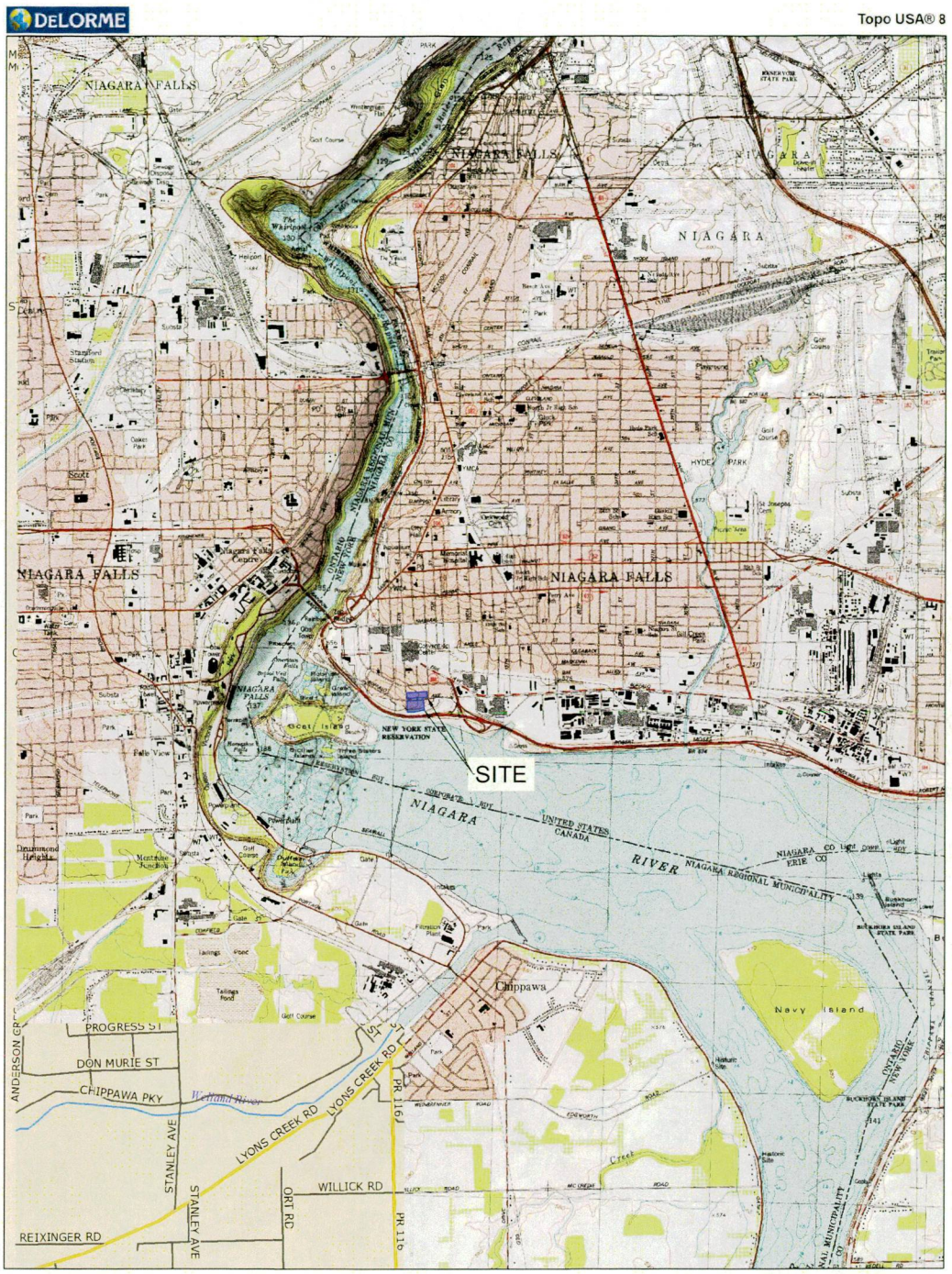
Qualifiers:

ND = Parameter not detected above laboratory detection limit.
"–" = Sample not analyzed for parameter or no GWQS available for the parameter.
J = Estimated Value - Below calibration range
P = The dual column RPD's are above the acceptance criteria, the lower of the two results is reported.
I = The lower value for the two columns has been reported due to obvious interference.

BOLD = Result exceeds GWQS.

FIGURES

FIGURE 1



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0294-013-001

DATE: NOVEMBER 2015

DRAFTED BY: KRR

SITE LOCATION AND VICINITY MAP

FINAL ENGINEERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

PREPARED FOR

MERANI HOSPITALITY, INC.

DATE: NOVEMBER 2015
DRAFTED BY: KRR

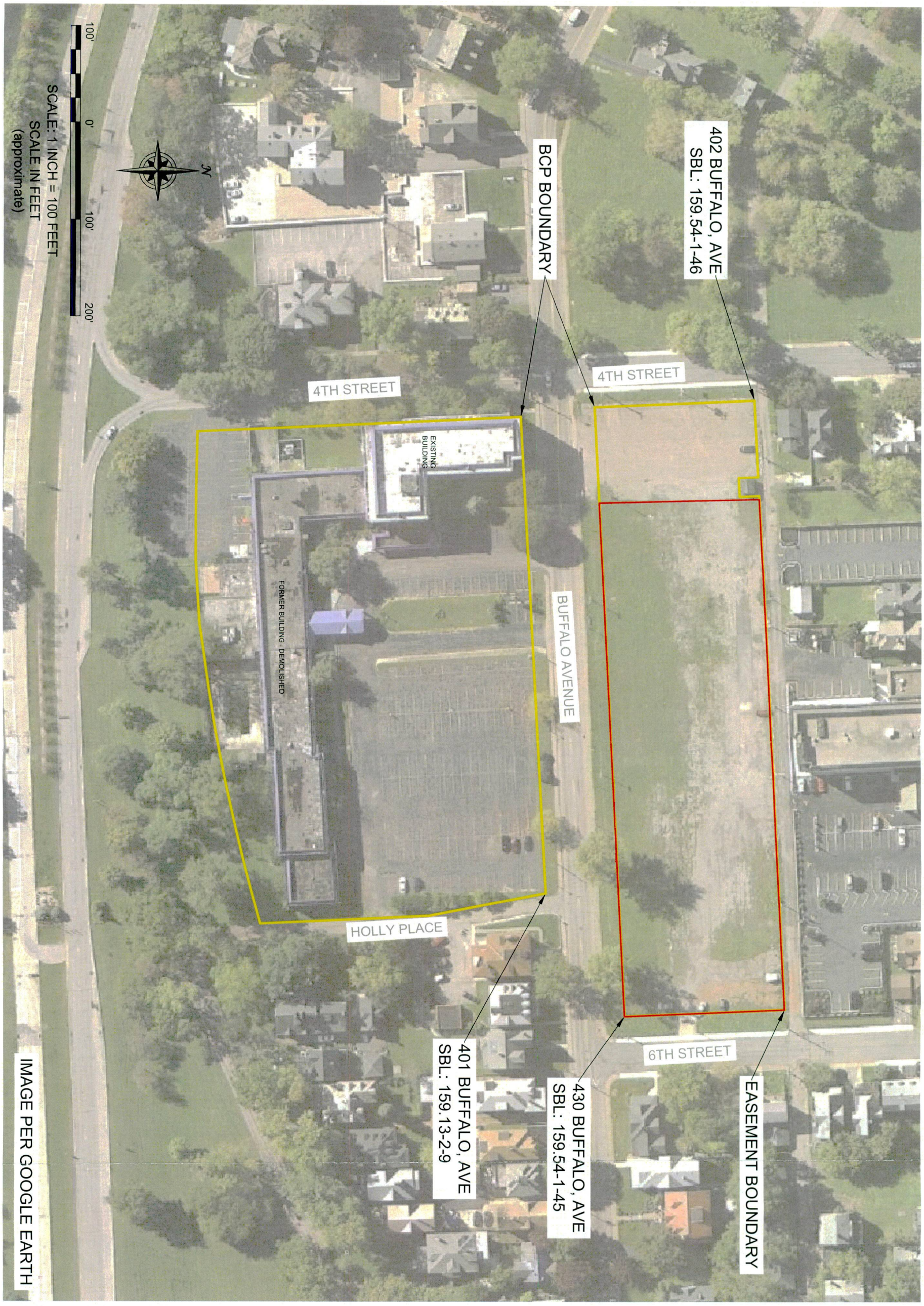


FIGURE 2

SITE PLAN (AERIAL)

FINAL ENGINEERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

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DATE: NOVEMBER 2015
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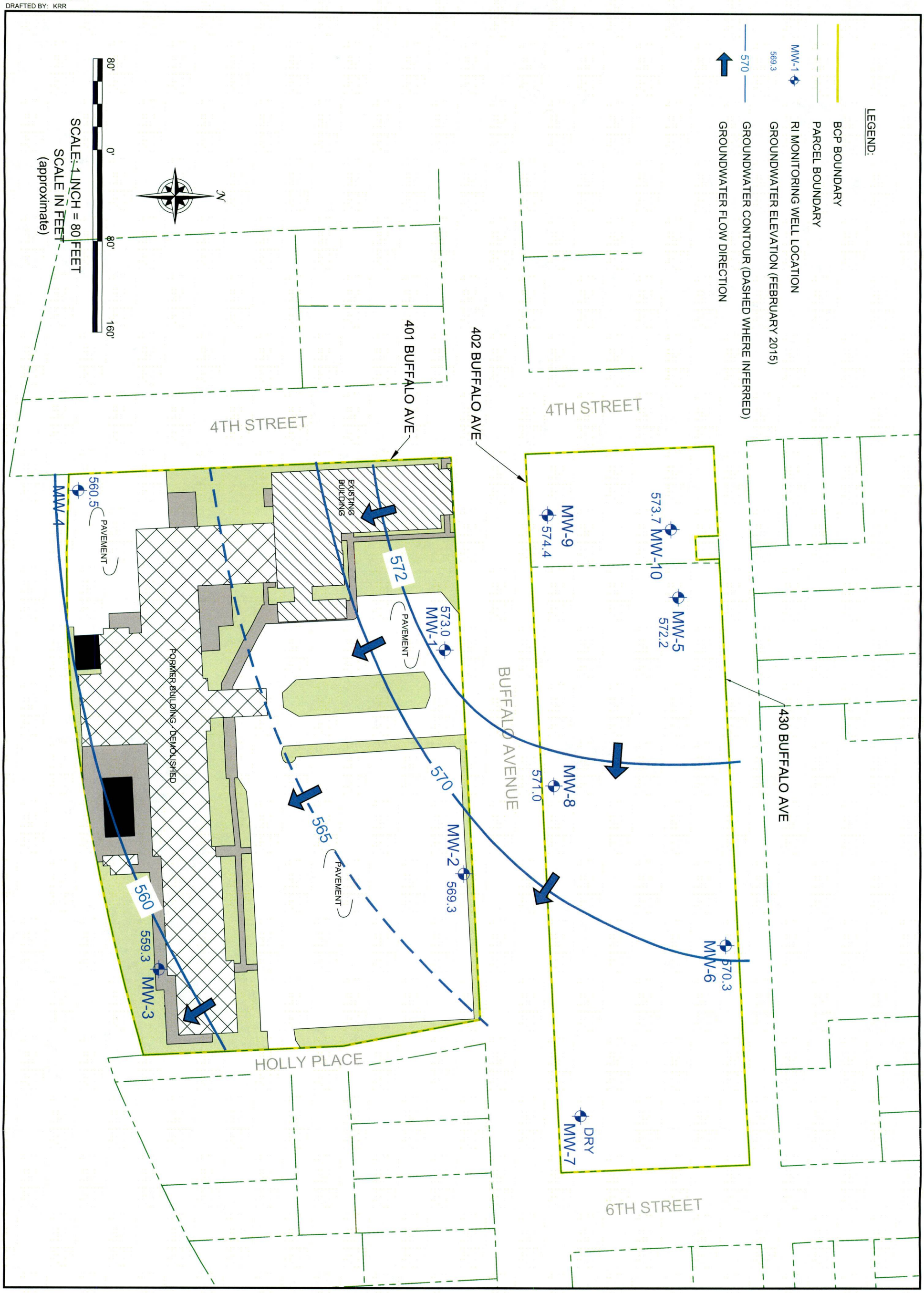

GROUNDWATER ISOPOTENTIAL MAP

FIGURE 3

FINAL ENGINEERING REPOT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

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TURNKEY ENVIRONMENTAL RESTORATION, LLC
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JOB NO.: 0294-013-001

LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- TP-25 RI TEST PIT LOCATIONS
- SS-7 RI SURFACE SOIL LOCATIONS
- SB-10 RI SOIL BORING LOCATIONS
- MW-1 RI MONITORING WELL LOCATIONS
- TP-3 HISTORIC INVESTIGATION LOCATIONS
- ELEVATED RADIOLOGIC FIELD READING ABOVE BACKGROUND)

DATE: NOVEMBER 2015
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JOB NO.: 0294-013-001

REMEDIAL INVESTIGATION SAMPLE LOCATIONS

FINAL ENGINEERING REPORT
402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK
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FIGURE 4

LEGEND:

BCP BOUNDARY

PARCEL BOUNDARY

BUFFALO AVENUE

4T

ISLAND AREA EXCAVATION

COMP-4

COMP-3

COMP-2

COMP-1

PAVEMENT

RADIATION EXCAVATION LIMITS

PAVEMENT

FORMER CONCRETE

SEE FIGURE 6

EXISTING BUILDING

4TH STREET

HOLLY PLACE

PETRO-MIDDLE

PETRO-WEST

PETRO-EAST

FORMER BUILDING - DEMOLISHED

PETROLEUM AREA EXCAVATION

POOL-NW

POOL-WW

SS-2 COMP

SS-2 EXCAVATION AREA

PAVEMENT

POOL-EW

POOL-BM

POOL-SW

POOL AREA EXCAVATION

N

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

DATE: NOVEMBER 2015
DRAFTED BY: KRR

STATE OF NEW YORK
THOMAS H. FORBES
No. 70650-1
LICENSED PROFESSIONAL ENGINEER

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
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(716) 856-0599

JOB NO.: 0294-013-001

401 BUFFALO AVENUE IRM ACTIVITIES (RECORD DRAWING)

FINAL ENGINEERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

PREPARED FOR
MERANI HOSPITALITY, INC.

FIGURE 5

DATE: NOVEMBER 2015
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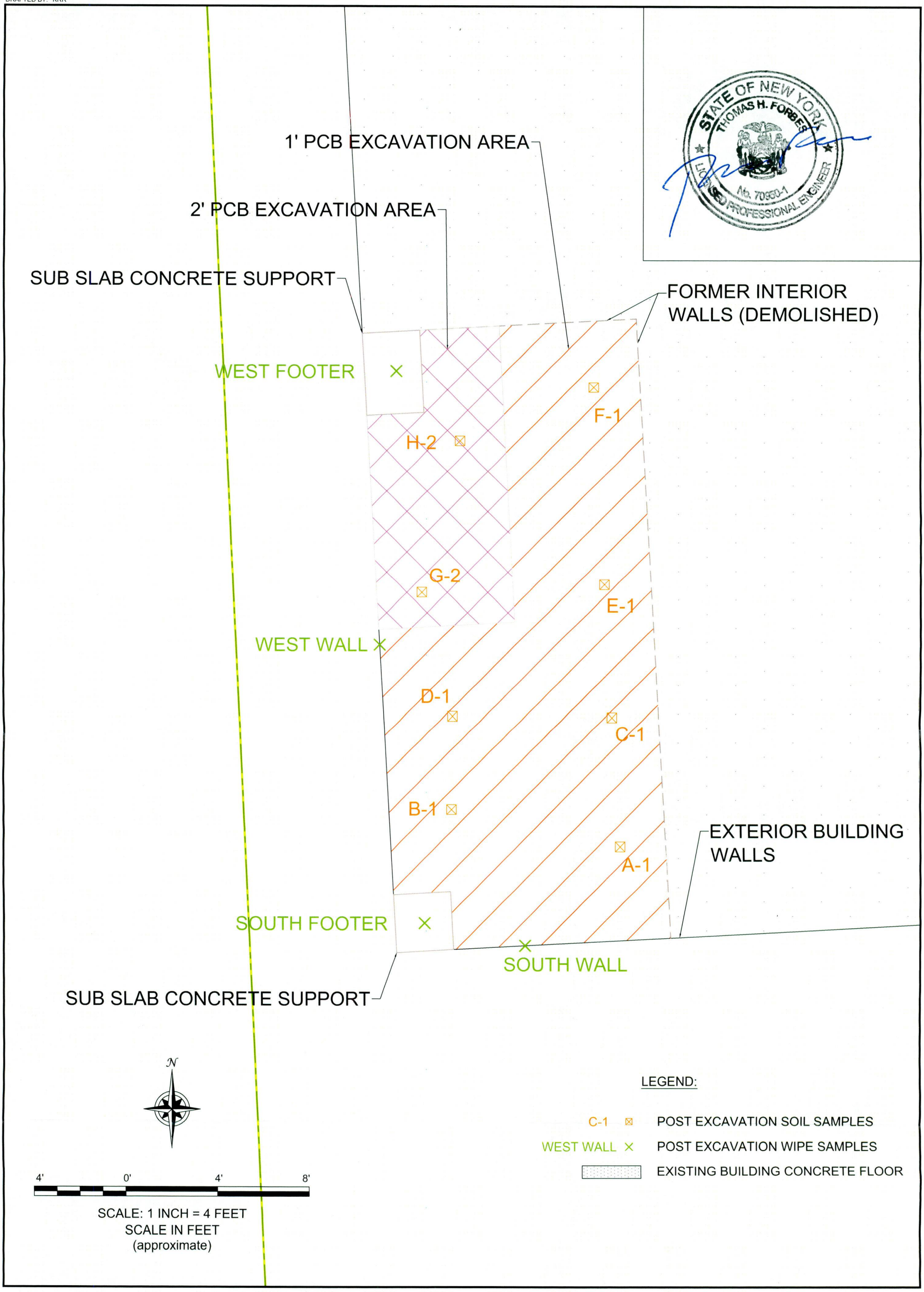

STATE OF NEW YORK
THOMAS H. FORBES
No. 70950-1
LICENSED PROFESSIONAL ENGINEER

FIGURE 6

TRANSFORMER ROOM IRM ACTIVITIES (RECORD DRAWING)

FINAL ENGINERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

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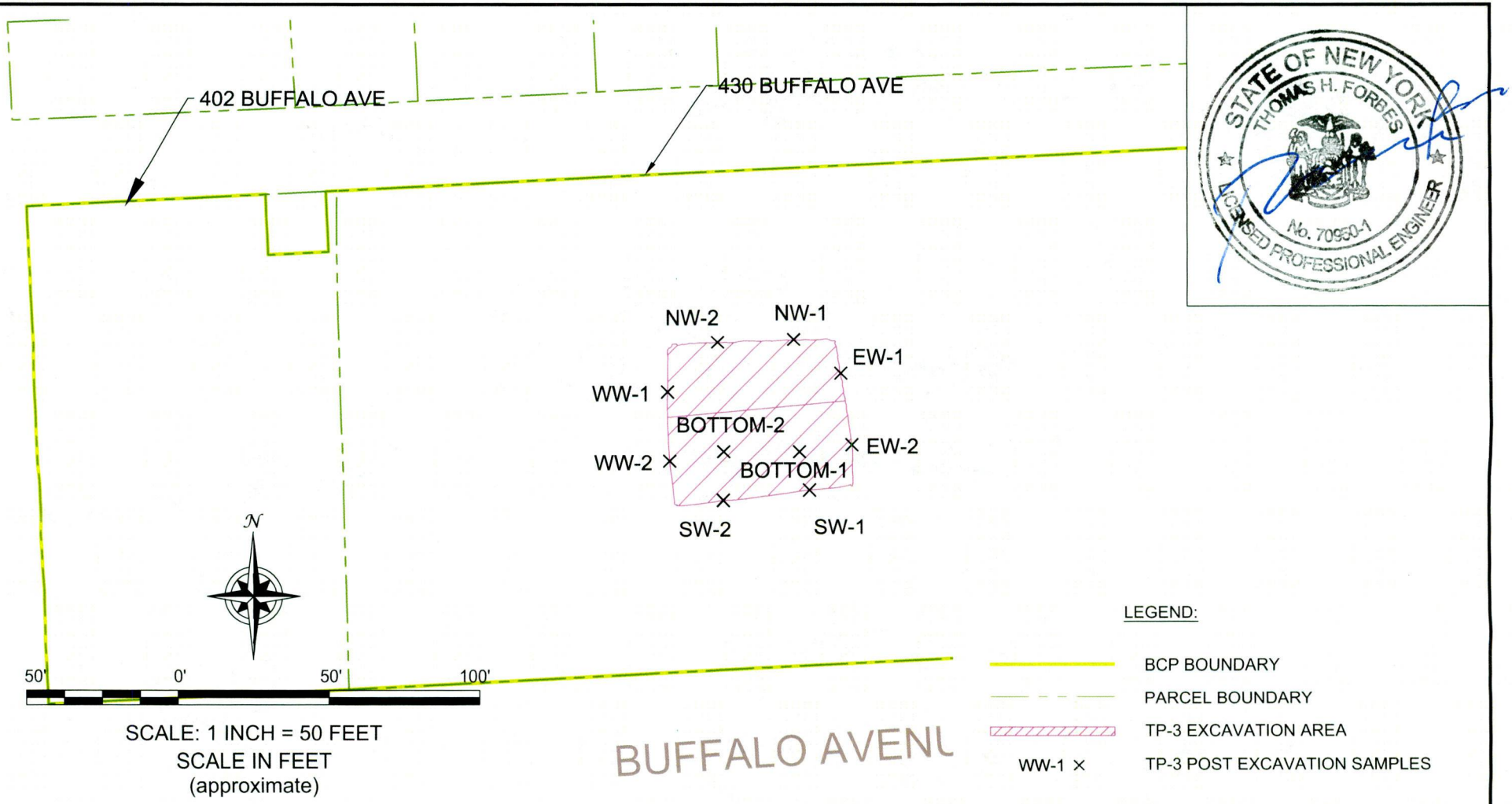

STATE OF NEW YORK
THOMAS H. FORBES
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(716) 856-0599

PROJECT NO.: 0294-013-001

DATE: rev NOVEMBER 2015

DRAFTED BY: KRR/NTM

430 BUFFALO AVENUE - TP-3 IRM ACTIVITIES (RECORD DRAWING)

FINAL ENGINEERING REPORT

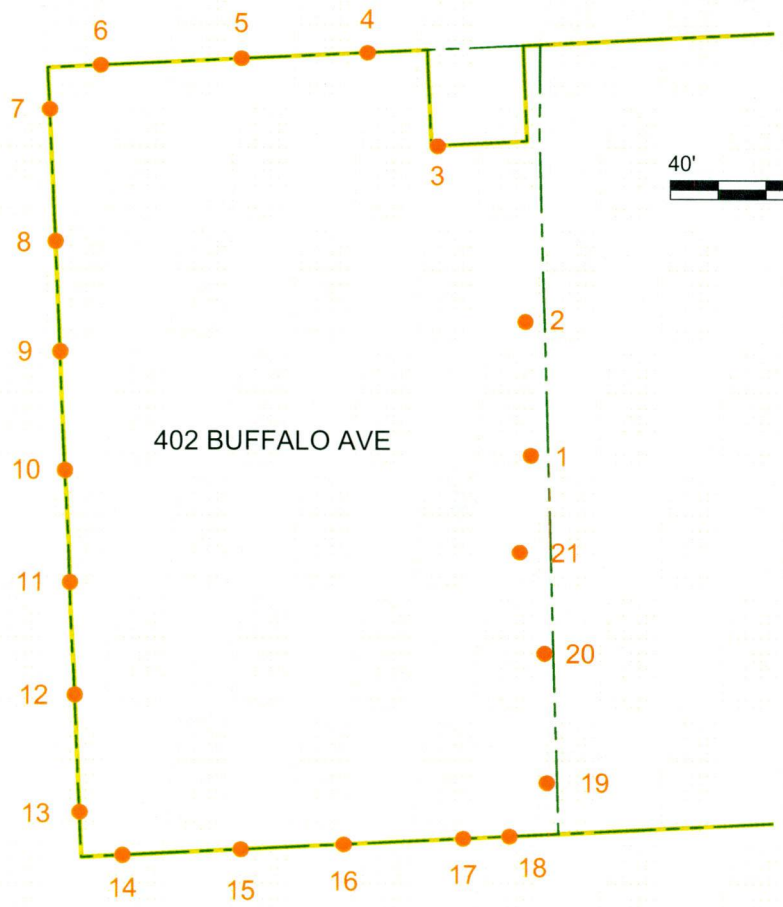
402 & 430 BUFFALO AVENUE SITE
BCP SITE NO. C932164
NIAGARA FALLS, NEW YORK

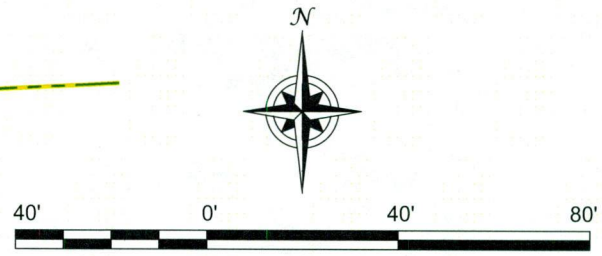
PREPARED FOR

MERANI HOSPITALITY, INC.

FIGURE 7

F:\CAD\TurnKey\Merani Hospitality\401, 402, and 430 Buffalo Ave\FER\Figure 8; Post Excavation Radiologic Readings.dw





SCALE: 1 INCH = 40 FEET
SCALE IN FEET
(approximate)

RADIOLOGICAL READINGS	
LOCATIONS	CPM
1	5393
2	5223
3	20059
4	20537
5	21565
6	14685
7	10490
8	8487
9	11732
10	28787
11	7976
12	11552
13	37155
14	27426
15	10201
16	8106
17	44441
18	32744
19	3917
20	4995
21	2410

READINGS IN COUNTS PER MINUTE

LEGEND:

BCP BOUNDARY

PARCEL BOUNDARY

4 RADIOLOGIC READINGS

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PROJECT NO.: 0294-013-001

DATE: NOVEMBER 2015

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402 BUFFALO AVENUE - IRM ACTIVITIES POST-REMOVAL SCREENING RESULTS

FINAL ENGINERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

PREPARED FOR

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FIGURE 8

DATE: SEPTEMBER 2015
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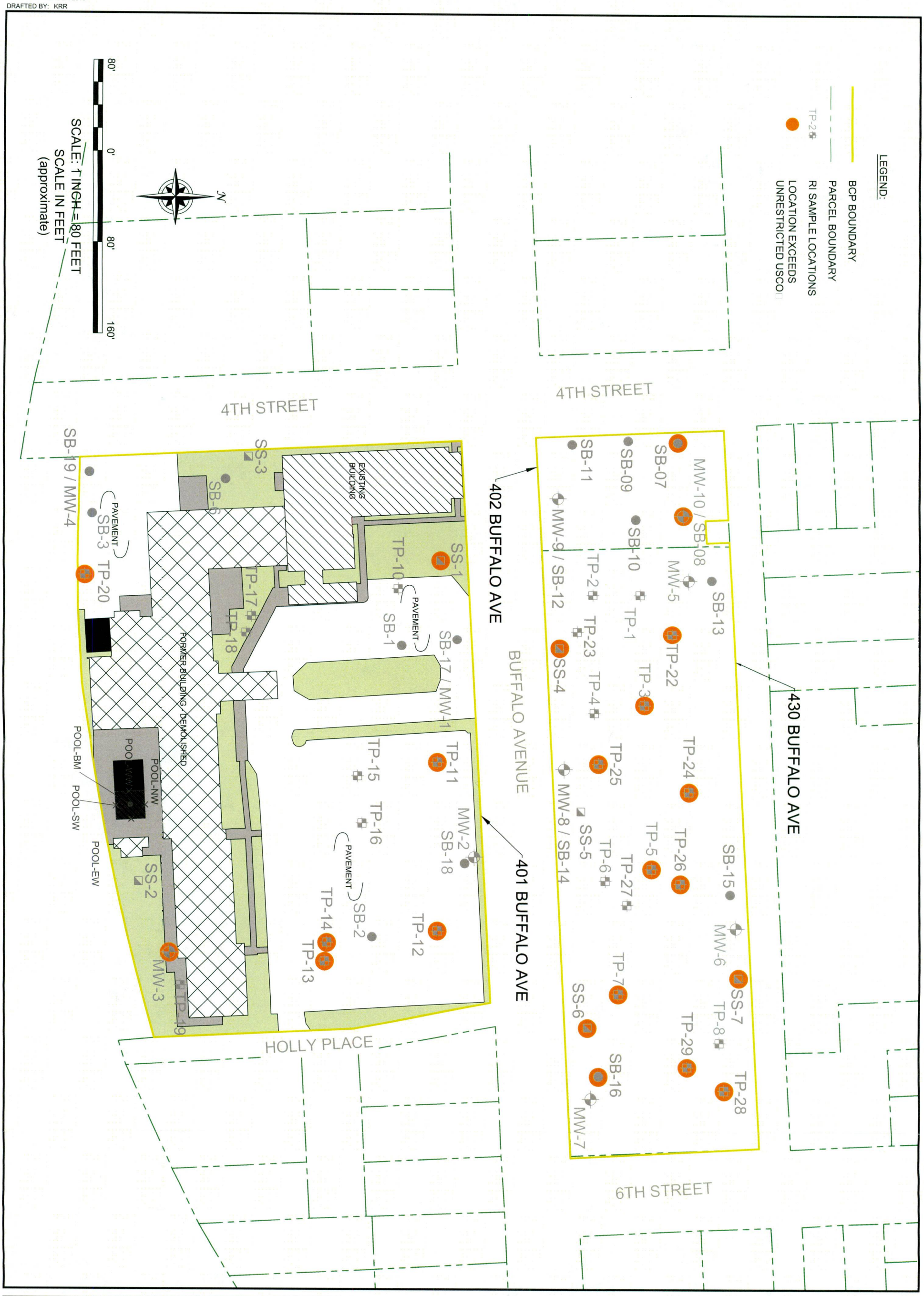

FIGURE 9

REMAINING SAMPLE LOCATIONS EXCEEDING USCOs

FINAL ENGINEERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

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TURNKEY ENVIRONMENTAL RESTORATION, LLC
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JOB NO.: 0294-013-001

DATE: DECEMBER 2015
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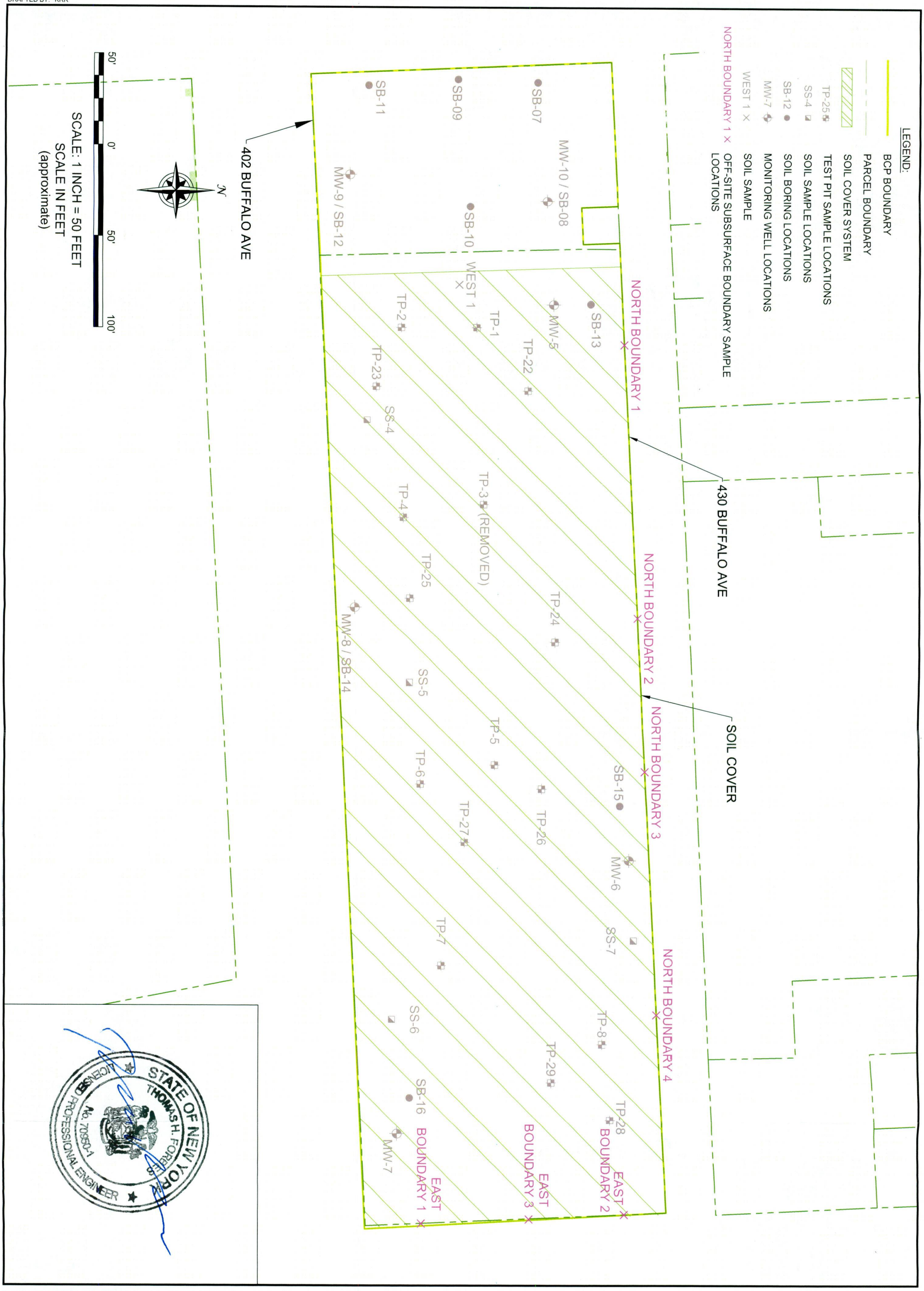

STATE OF NEW YORK
THOMAS H. FORBES
No. 70650-1
LICENSED PROFESSIONAL ENGINEER

FIGURE 10

COVER SYSTEM LAYOUT (RECORD DRAWING)

FINAL ENGINEERING REPORT

402 & 430 BUFFALO AVENUE SITE
BCP SITE No. C932164
NIAGARA FALLS, NEW YORK

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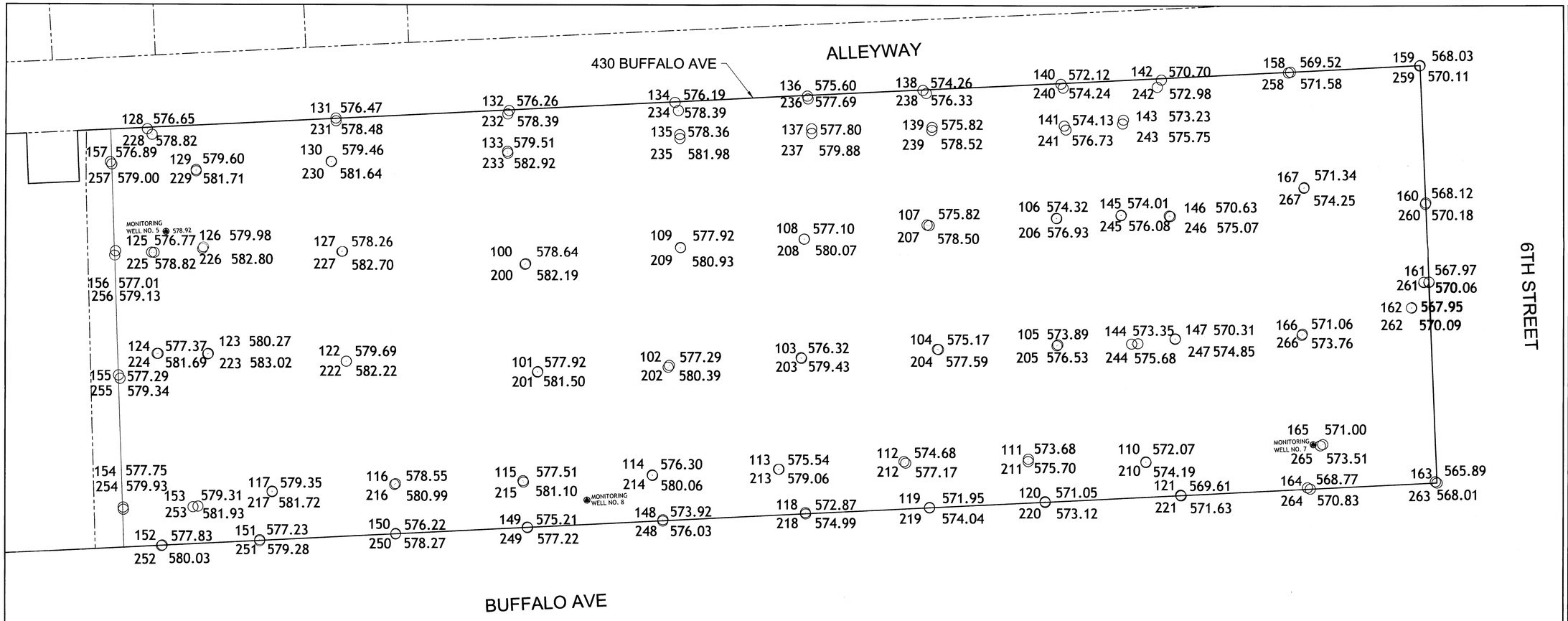
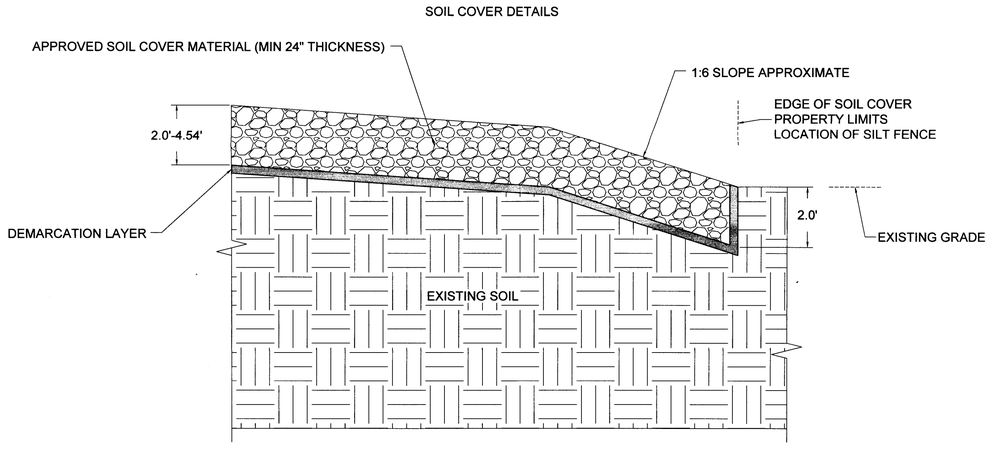
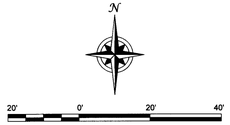
JOB NO.: 0294-013-001





LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- SOIL COVER LIMITS
- CONCRETE
- 204 577.59 PRE POST COVER SYSTEM CONSTRUCTION SURVEY POINTS PER R E LORENZ



SCALE: 1 INCH = 20 FEET
SCALE IN FEET
(approximate)

Point No	Elev(ft)	Cap Depth
100	578.64	
200	582.19	3.55
101	577.92	
201	581.50	3.58
102	577.29	
202	580.39	3.10
103	576.32	
203	579.43	3.11
104	575.17	
204	577.59	2.42
105	573.89	
205	576.53	2.64
106	574.32	
206	576.93	2.61
107	575.82	
207	578.50	3.68
108	577.10	
208	580.07	2.97
109	577.92	
209	580.93	3.01
110	572.07	
210	574.19	2.12
111	573.68	
211	575.70	2.02
112	574.68	
212	577.17	2.49
113	575.54	
213	579.06	3.52
114	576.30	
214	580.06	3.76
115	577.51	
215	580.10	2.59
116	578.55	
216	580.99	2.44
117	579.35	
217	581.72	2.37
118	572.87	
218	574.99	2.12

Point No	Elev(ft)	Cap Depth
119	571.95	
219	574.04	2.09
120	571.05	
220	573.12	2.07
121	569.61	
221	571.63	2.02
122	579.69	
222	582.22	2.53
123	580.27	
223	583.02	2.75
124	577.37	
224	581.69	4.32
125	576.77	
225	578.82	2.05
126	579.98	
226	582.80	2.82
127	578.26	
227	582.70	4.44
128	576.65	
228	578.82	2.17
129	579.60	
229	581.71	2.11
130	579.46	
230	581.64	2.18
131	576.47	
231	578.48	2.01
132	576.26	
232	578.39	2.13
133	579.51	
233	582.92	3.41
134	576.19	
234	578.39	2.20
135	578.36	
235	581.98	3.62
136	575.60	
236	577.69	2.09
137	577.80	
237	579.88	2.08

Point No	Elev(ft)	Cap Depth
138	574.26	
238	576.33	2.07
139	575.82	
239	578.52	2.70
140	572.12	
240	574.24	2.12
141	574.13	
241	576.73	2.60
142	570.70	
242	572.98	2.28
143	573.23	
243	575.75	2.52
144	573.35	
244	575.68	2.33
145	574.01	
245	576.08	2.07
146	570.63	
246	575.07	4.44
147	570.31	
247	574.85	4.54
148	573.92	
248	576.03	2.11
149	575.21	
249	577.22	2.01
150	576.22	
250	578.27	2.05
151	577.23	
251	579.28	2.05
152	577.83	
252	580.03	2.20
153	579.31	
253	581.93	2.62
154	577.75	
254	579.93	2.18
155	577.29	
255	579.34	2.05

Point No	Elev(ft)	Cap Depth
156	577.01	
256	579.13	2.12
157	576.89	
257	579.00	2.11
158	569.52	
258	571.58	2.06
159	568.03	
259	570.11	2.08
160	568.12	
260	570.18	2.06
161	567.97	
261	570.06	2.09
162	567.95	
262	570.09	2.14
163	565.89	
263	568.01	2.12
164	568.77	
264	570.83	2.06
165	571.00	
265	573.51	2.51
166	571.06	
266	573.76	2.70
167	571.34	
267	574.25	2.91

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599
JOB NO.: 0294-013-001

REVISIONS

NO.	BY	DATE	REMARKS

SEAL

DRAWN BY:	KRR
DATE:	REV DECEMBER 2015
CHECKED BY:	NTM
APPROVED BY:	THF

DISCLAIMER:
THE CONSULTANT, BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC, PREPARED THIS DRAWING ONLY AS AN INSTRUMENT OF SERVICE FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONSULTING AGREEMENT. IT IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY BENCHMARK. SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE PLLC.

COVER SYSTEM (RECORD DRAWING)

FINAL ENGINEERING REPORT
402 & 430 BUFFALO AVENUE SITE
BCP SITE NO. C932164
NIAGARA FALLS, NEW YORK

PREPARED FOR
MERANI HOSPITALITY, INC.

FIGURE 11

APPENDIX A

ENVIRONMENTAL EASEMENT

NIAGARA COUNTY CLERK
WAYNE F. JAGOW

RECEIPT

Receipt Date: 12/08/2015 11:31:35 AM
RECEIPT # 2015257492

Recording Clerk: TH
Cash Drawer: CASH2
Rec'd Frm: CRAIG SLATER ESQ
Rec'd In Person

Instr#: 2015-21593
DOC: EASEMENT
DEED STAMP: 2437
OR Party: MERANI HOSPITALITY INC
EE Party: PEOPLE OF THE STATE OF NEW YORK

Recording Fees	
Cover Page	$8.00
Recording Fee	$32.00
Cultural Ed	$14.25
Records Management - County	$1.00
Records Management - State	$4.75
TP584	$5.00
Transfer Tax	
Transfer Tax	$0.00
DOCUMENT TOTAL: ---->	$65.00

Receipt Summary	
TOTAL RECEIPT: ---->	$65.00
TOTAL RECEIVED: ---->	$65.00
CASH BACK: ---->	$0.00

PAYMENTS	
Credit Card ->	$65.00

P.O. Box 461, Lockport, New York 14095-0461 Phone (716) 439-7022 FAX (716) 439-7066

NIAGARA COUNTY – STATE OF NEW YORK

WAYNE F. JAGOW – NIAGARA COUNTY CLERK
P.O. BOX 461, LOCKPORT, NEW YORK 14095-0461

COUNTY CLERK'S RECORDING PAGE

THIS PAGE IS PART OF THE DOCUMENT – DO NOT DETACH

INSTRUMENT #: 2015-21593

Receipt#: 2015257492
Clerk: TH
Rec Date: 12/08/2015 11:31:35 AM
Doc Grp: DEED
Descrip: EASEMENT
Num Pgs: 10

Party1: MERANI HOSPITALITY INC
Party2: PEOPLE OF THE STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Town: NIAGARA FALLS

Recording:

Cover Page	8.00
Recording Fee	32.00
Cultural Ed	14.25
Records Management - Coun	1.00
Records Management - Stat	4.75
TP584	5.00
Sub Total:	65.00

Transfer Tax

Transfer Tax	0.00
Sub Total:	0.00
Total:	65.00

**** NOTICE: THIS IS NOT A BILL ****

***** Transfer Tax *****
Transfer Tax #: 2437
Transfer Tax Consideration: 1.00

Total: 0.00

Record and Return To:

CRAIG SLATER ESQ
500 SENECA STREET STE 504
BUFFALO NY 14203

WARNING***
** Information may change during the verification process and may not be reflected on this page.

Wayne F. Jagow
Niagara County Clerk

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 30th day of November, 2015, between Owner(s) Merani Hospitality, Inc., having an office at 7001 Buffalo Avenue, Niagara Falls, NY 14304, County of Niagara, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 430 Buffalo Avenue in the City of Niagara Falls, County of Niagara and State of New York, known and designated on the tax map of the County Clerk of Niagara as tax map parcel number: Section 159.54 Block 1 Lot 45, being the same as that property conveyed to Grantor by deed dated October 2, 2013 and recorded in the Niagara County Clerk's Office in Liber 2013 Page 19886. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 2.09 +/- acres, and is hereinafter more fully described on Sheet 1 of 2 as Parcel B in the Land Title Survey dated September 29, 2014 and revised on February 12, 2015 prepared by Jerod C. McIntyre, P.L.S. of McIntyre Land Surveying, P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation

established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C932164-05-14, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Niagara County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation

pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C932164
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and

communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Merani Hospitality, Inc.:

By: _____

Print Name: FAISAL MERANI

Title: PRESIDENT Date: 11/13/15

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF NIAGARA)

On the 13TH day of NOVEMBER in the year 2015, before me, the undersigned, personally appeared FAISAL MERANI, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

LUCY R. MUTO
Lic. #01MU4989102
Notary Public-State of New York
Qualified In Niagara County
My Commission Expires 12/02/20 ~~15~~ 17

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 30th day of November, in the year 20__, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

PATRICK EUGENE FOSTER
NOTARY PUBLIC, STATE OF NEW YORK
QUALIFIED IN KINGS COUNTY
NO. 02FO6278032
COMMISSION EXPIRES 03/18/2017

SCHEDULE "A" PROPERTY DESCRIPTION

430 Buffalo Avenue (SBL # 159.54-1-45)

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Niagara Falls, County of Niagara and State of New York, being part of Lot No. 43 & 44 of the New York Mile Reserve and also described as Subdivision Lots 42,44,46,48,50,52,54 and the easterly ½ of Subdivision Lot 40 on the northerly side of Buffalo Avenue (formerly Buffalo Street) as shown on a map by Jesse P. Haines, Surveyor dated 1861 and filed in the Niagara County Clerk's Office on December 20, 1861 under cover no. 389, now in book 5 of Microfilmed maps at pages 462 & 463, bounded and more particularly described as follows:

BEGINNING at the point of intersection of the northerly line of Buffalo Avenue and the westerly line of Sixth Street; running thence westerly along the said northerly line of Buffalo Avenue, a distance of 529.70 feet to a point; running thence northerly and parallel with the said westerly line of Sixth Street, a distance of 172.03 feet to a point along the southerly line of a 13.06 foot wide city alleyway; running thence easterly along said southerly line of city alleyway and being parallel with the northerly line of said Buffalo avenue, a distance of 529.70 feet to a point along the westerly line of said Sixth Street; running thence southerly along the said westerly line of Sixth Street, a distance of 172.03 feet to the point or place of beginning. Having an area of 91,121.39 square feet or 2.09 acres more or less.

LEGAL DESCRIPTION OF RECORD

EXHIBIT A

[redacted]

PARCEL B

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Niagara Falls, County of Niagara and State of New York, being part of Lots Nos. 43 and 44 of the Mile Reserves and more particularly described as being Subdivision Lots Nos. 42, 44, 46, 48, 50, 52, 54 and the east 1/2 of Subdivision Lot No. 40 on the north side of Buffalo Avenue (formerly Buffalo Street) as shown on a map of the Village (now City) of Niagara Falls, Niagara County, N.Y., made by Jesse P. Haines, Surveyor, in 1861 and filed in the Niagara County Clerk's Office on December 20, 1861, now under Cover No. 389, more particularly bounded and described as follows:

BEGINNING at the point of intersection of the north line of Buffalo Avenue and the west line of Sixth Street, thence westerly along the north line of Buffalo Avenue 529.70 feet to a point; thence north at an interior angle of 89° 45', 172.03 feet to a point; thence easterly along a line parallel with the north line of Buffalo Avenue 529.70 feet to a point in the westerly line of Sixth Street; thence south along the westerly line of Sixth Street 172.03 feet to the point and place of beginning.

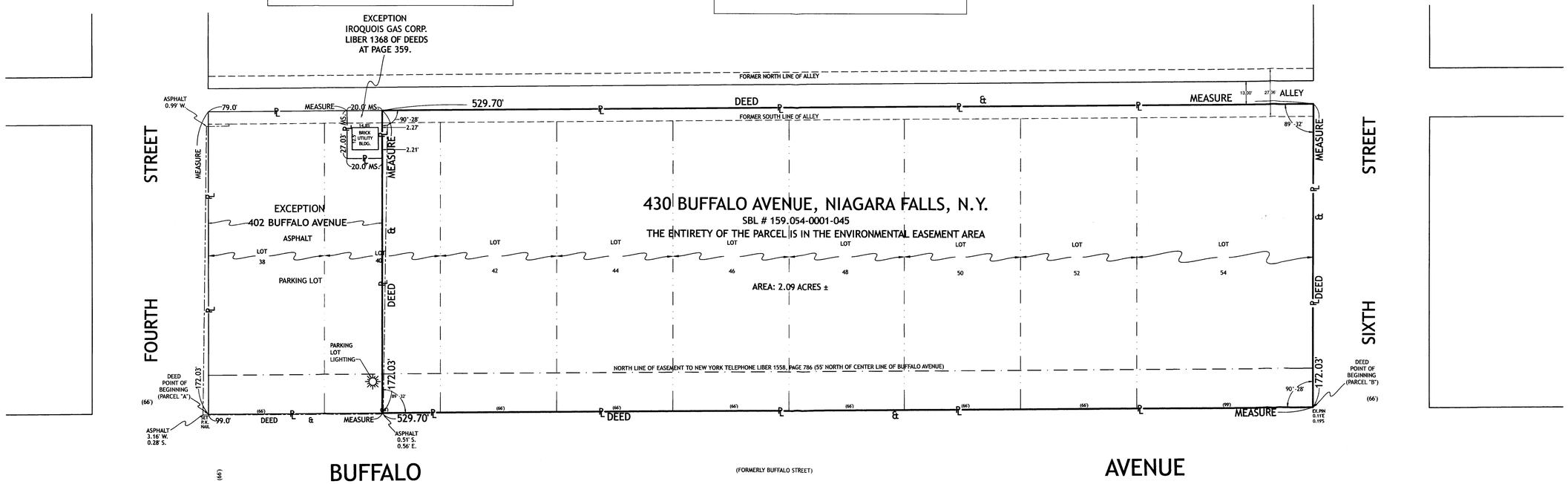
ENVIRONMENTAL EASEMENT AREA DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Niagara Falls, County of Niagara and State of New York, being part of Lot No. 43 of the New York Mile Reserve and also described as the easterly one half of Subdivision Lot 40 and all of Subdivision Lots 42,44,46,48,50,52 & 54 on the northerly-side of Buffalo Avenue (formerly Buffalo Street) as shown on a map by Jesse P. Haines, Surveyor dated 1861 and filed in the Niagara County Clerk's Office on December 20, 1861 under cover no. 389, now in Book 5 of microfilmed maps at pages 462 & 463, bounded and more particularly described as follows:

COMMENCING at a point on the northerly line of Buffalo Avenue, 99.0 feet easterly from its intersection with the easterly line of Fourth Street; running thence northerly at an interior angle of 89°-32', a distance of 172.03 feet to a point on the south line of a City of Niagara Falls alleyway; running thence easterly at an interior angle of 90°-28', a distance of 529.70 feet to the intersection of the westerly line of Sixth Street and the southerly line of said alleyway; running thence southerly at an interior angle of 89°-32' along the west line of Sixth Street, a distance of 172.03 feet to the northerly line of Buffalo Avenue; running thence westerly at an interior angle of 90°-28' along the northerly line of Buffalo Avenue a distance of 529.70 feet to the point or place of beginning.

Area: 91,116.46 square feet
Or
2.09 Acres ±

NYSDEC CERTIFICATION (BROWNFIELD SITE CLEANUP AGREEMENT INDEX NO. C932164-05-14):
THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP CAN BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV.



I HEREBY CERTIFY TO:

NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION

THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE CURRENT CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS AND AS AMENDED BY THE NIAGARA FRONTIER LAND SURVEYORS ASSOCIATION OF ERIE COUNTY
THIS CERTIFICATION DOES NOT EXTEND TO SUBSEQUENT OWNERS, MORTGAGES OR TITLE INSURERS UNLESS THIS SURVEY HAS BEEN RESURVEYED FOR THIS PURPOSE BY THE LAND SURVEYOR.

MAP LEGEND

- ASPHALT
- PARKING LOT LIGHTING
- PROPERTY BOUNDARY
- SUBDIVISION LOT LINE
- UTILITY EASEMENT BOUNDARY
- FORMER ALLEYWAY BOUNDARY
- EDGE OF ASPHALT

30' 0' 15' 30' 60' 120'
5m. 0m. 10m. 20m. 30m.
SCALE: 1"=30' (1"= 9.14 meters)

MAP REFERENCE
MAP BY JESSE P. HAINES, SURVEYOR, 1861, FILED IN THE N.C.C.O. ON DECEMBER 20, 1861, UNDER COVER 389, NOW IN BOOK 5 OF MICROFILMED MAPS AT PAGES 462 & 463.

STATE OF NEW YORK · JEROD CHRISTIAN McINTYRE · 050949 · LICENSED LAND SURVEYOR

SURVEY OF EAST 1/2 OF SUBDIVISION LOT 40 AND SUBDIVISION LOTS 42, 44, 46, 48, 50, 52 & 54 ON THE NORTH-SIDE OF BUFFALO AVENUE, CITY OF NIAGARA FALLS, COUNTY OF NIAGARA AND STATE OF NEW YORK. PART OF LOTS 43 & 44 OF THE NEW YORK MILE RESERVE.

PHONE (716) 284-2062 JEROD C. Mc INTYRE, LAND SURVEYOR FAX (716) 284-5581
729 MAIN STREET, NIAGARA FALLS, NEW YORK 14301

DATE FIELD WORK COMPLETED: SEPTEMBER 13, 2013 JOB NO. 2013-233
REV: FEBRUARY 12, 2015 (NYDEC ENV. EASEMENT)
REV: NOVEMBER 9, 2015 (OMITTED 402 BUFFALO AVE) DRAWING NO. 3045-13

APPENDIX B

DIGITAL COPY OF FER
(CD ENCLOSED)

APPENDIX C

CAMP FIELD DATA SHEETS & AIR MONITORING DATA (CD ENCLOSED)

COMMUNITY AIR MONITORING PLAN SUMMARY REPORT

402 and 430 Buffalo Avenue Site

Niagara Falls, New York

Summary of Remedial Work Performed During the Period:

- Excavation and direct loading of impacted soil/fill/debris to dump trucks for off-Site disposal and excavation backfilling.

Real Time Community Air Monitoring Work Performed:

CAMP data was collected on the following days:

- 4/1/2015-4/2/2015
- 6/3/2015-6/4/2015
- 7/31/2015
- 8/3/2015 - 8/4/2015
- 8/6/2015
- 8/10/2015
- 8/21/2015
- 8/24/2015
- 8/26/2015 – 8/27/2015
- 8/31/2015
- 9/16/2015
- 10/1/2015
- 10/05/2015 – 10/06/2015
- 10/14/2015 – 10/16/2015
- 10/19/2015 – 10/22/2015

Community Air Monitoring Program Results:

As indicated, monitoring results conformed to the Community Air Monitoring perimeter particulate requirement (i.e., <100 ug/m^3) and the organic vapor requirement (i.e., <5 ppm), with the exception of:

- Visual fugitive dust noted due to strong wind on 4/2/2015. Water truck was used to address dust control.

Notes/ Special Conditions:

Remedial Excavation Activities

- Due to weather conditions (i.e., precipitation) CAMP data was not collected, or was partially collected on: 3/26/2015, 4/10/2015 (for half day), 9/1/2015, 10/06/2015 (for half day), and 10/14/15 (for half day).

- CAMP data was not collected during indoor excavation and remedial activities (i.e., PCB Area IRM) on: 7/16/2015, 7/17/2015, 7/20– /24/2015, and 7/27/2015.

- Areas of the Site that were heavily traveled (trucking/heavy equipment) were watered as deemed necessary.

[redacted] in M[redacted] Ser[redacted]

Air Sample Calculation Data Sheet

Counting Instrument:	Ludlum Model 3030	Detector:	Internal	Cal. Date:	3/27/2015
Serial #:	185399	Serial #:	N/A	Cal. Due Date OK?	OK

Radiation Type	Counting Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Sample Count time (min)	Background Count time (min)	Filter Self Absorption	Limiting Alpha Isotope of Concern		Limiting Beta Isotope of Concern	
											Isotope	10CFR20 Occupational DAC /Effluent	Isotope	10CFR20 Occupational DAC /Effluent
Alpha	0.2918	Th-230	659	7,920	4/25/00	7.54E+04	7.92E+03	1	10	0.8	Isotope	10CFR20 Occupational DAC /Effluent	Isotope	10CFR20 Occupational DAC /Effluent
Beta	0.2431	Tc-99	655	21,600	4/25/00	2.11E+05	2.16E+04	1	10	0.9	Ra-226	3.00E-10	Ra-226	3.00E-10

Area Monitored and Air Mover Serial #/Bar Code	Air Sample Start Date/Time	Air Sample End Date/Time	Count Date	Run Time (min)	Flow Rate (lpm)	Sample Gross Alpha (Counts)	Sample Gross Beta (Counts)	Alpha Bkg (cpm)	Beta Bkg (cpm)	Sample Alpha Activity (dpm)	Sample Beta Activity (dpm)	Alpha Count Concen. (uCi/cc)	Beta Count Concen. (uCi/cc)	Fraction Occup or Effluent Limit Alpha	Fraction Occup or Effluent Limit Beta	Alpha MDA (uCi/cc)	Beta MDA (uCi/cc)
LV-1 #2803 Trailer	10/5/15 8:00	10/5/15 16:16	10/23/15	496	82.5	3	49	1.2	35.4	8	70	<MDA	<MDA	N/A	N/A	2.4E-13	1.1E-12
LV-1 #3390 Intersection	10/5/15 7:54	10/5/15 16:13	10/23/15	499	62.5	1	38	1.2	35.4	-1	13	<MDA	1.93092E-13	N/A	6.44E-04	3.2E-13	1.4E-12
LV-1 #2803 Trailer	10/6/15 7:15	10/6/15 18:31	10/23/15	676	80.0	0	29	1.2	35.4	-5	-33	<MDA	<MDA	N/A	N/A	1.9E-13	8.0E-13
LV-1 #3390 Intersection	10/6/15 7:30	10/6/15 18:31	10/23/15	661	65.0	1	39	1.2	35.4	-1	19	<MDA	<MDA	N/A	N/A	2.3E-13	1.0E-12
LV-1 #2803 Trailer	10/14/15 6:30	10/14/15 10:20	10/23/15	230	85.0	2	33	1.2	35.4	3	-12	<MDA	<MDA	N/A	N/A	5.1E-13	2.2E-12
LV-1 #3390 Intersection	10/14/15 6:35	10/14/15 10:40	10/23/15	245	65.0	2	37	1.2	35.4	3	8	<MDA	<MDA	N/A	N/A	6.3E-13	2.7E-12
LV-1 #2803 Trailer	10/15/15 7:22	10/15/15 9:40	10/23/15	138	67.5	3	42	1.2	35.4	8	34	3.72873E-13	1.64109E-12	1.24E-03	5.47E-03	1.1E-12	4.6E-12
LV-1 #3390 Intersection	10/15/15 7:25	10/15/15 9:45	10/23/15	140	62.5	1	38	1.2	35.4	-1	13	<MDA	<MDA	N/A	N/A	1.1E-12	4.9E-12
LV-1 #2803 Trailer	10/16/15 7:26	10/16/15 14:15	10/23/15	409	62.5	2	44	1.2	35.4	3	44	<MDA	<MDA	N/A	N/A	3.9E-13	1.7E-12
LV-1 #3390 Intersection	10/16/15 7:30	10/16/15 14:20	10/23/15	410	60.0	2	47	1.2	35.4	3	60	<MDA	<MDA	N/A	N/A	4.1E-13	1.8E-12
LV-1 #2803 Trailer	10/19/15 7:45	10/19/15 15:37	10/23/15	472	65.0	2	36	1.2	35.4	3	3	<MDA	<MDA	N/A	N/A	3.3E-13	1.4E-12
LV-1 #3390 Intersection	10/19/15 7:35	10/19/15 15:38	10/23/15	483	60.0	4	37	1.2	35.4	12	8	<MDA	<MDA	N/A	N/A	3.5E-13	1.5E-12

APPENDIX D

FACT SHEETS

New York State Department of Environmental Conservation December 2014

FACT SHEET

Brownfield Cleanup Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: 401, 402 and 430 Buffalo Avenue Site
DEC Site #: C932164
Address: 401, 402 and 430 Buffalo Avenue
Niagara Falls, NY 14303

Have questions? See "Who to Contact" Below

Draft Investigation Work Plan for Brownfield Site Available for Public Comment and Notification of Pending Building Demolition Work

The public is invited to comment on a draft work plan being reviewed by New York State Department of Environmental Conservation (DEC) to investigate the 401, 402 and 430 Buffalo Avenue Site ("site") located at 401, 402 and 430 Buffalo Avenue, Niagara Falls, Niagara County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

Draft Investigation Work Plan

The draft investigation work plan, called a "Remedial Investigation Work Plan," was submitted to DEC under New York's Brownfield Cleanup Program. The investigation will be performed by Merani Hospitality, Inc. ("applicant(s)") with oversight by DEC and New York State Department of Health (DOH).

How to Comment

DEC is accepting written comments about the draft investigation work plan for 30 days, from **December 15, 2014** through **January 14, 2015**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the DEC project manager listed under Project Related Questions in the "Who to Contact" area below.

Highlights of the Proposed Site Investigation

The investigation will define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected.

Next Steps

DEC will consider public comments, revise the plan as necessary, and approve the work plan. DOH must concur with the plan. The approved work plan will be made available to the public (see "Where to Find Information" below). After the work plan is approved, the activities detailed in the work plan will be implemented.

When the investigation is completed, a report will be prepared and submitted to the DEC that summarizes the results. DEC will review the report, make any necessary revisions and, if appropriate, approve the report.

After the investigation, a cleanup plan, called a "Remedial Work Plan" will be developed and a Decision Document will be proposed. The cleanup plan will include an evaluation of the IRMs performed on site, a proposed site remedy to address issues identified during the RI, or will recommend a no action or no further action alternative. The goal of the cleanup plan is to ensure the protection of public health and the environment. DEC will present the proposed cleanup plan to the public for its review and comment during a 45-day comment period. DEC will keep the public informed throughout the investigation and cleanup of the site.

Building Demolition IRM

In an addition to the Investigation activities described above, an Interim Remedial Measure Work Plan (IRM WP) will be implemented at the site to address the demolition of the main three story structure parallel to Buffalo Avenue. The IRM will also address other known environmental issues such as the removal of transformers from the basement prior to demolition and the removal of Technically Enhanced Naturally Occurring Radioactive Material (TENORM) that is located in the vicinity of the pool structure. The IRM WP is not subject to this 30 day comment period but is available for review at the identified document repositories.

Background

Location: This BCP site is located at 401, 402 and 430 Buffalo Avenue, in Niagara Falls, Niagara County. The site is bound by 4th Street to the west, 6th Street and Holly Place to the east, a public alleyway from 4th Street and 6th Street to the north, and the Robert Moses State Parkway with the Niagara River beyond to the south. Buffalo Avenue intersects the property from east to west.

Site Features: The 401 Buffalo Avenue parcel is currently improved with a vacant municipally-condemned former hotel and conference center, parking areas and vegetated/landscaped areas.

The 402 and 430 Buffalo Avenue parcels are currently vacant and was part of a former manufacturing facility.

Current Use: The site is currently vacant located in a highly developed mixed use commercial and residential area.

Historical Use: The 401 Buffalo Avenue parcel was historically owned and operated by Union Carbide and Carbon Corporation from at least 1917 to the 1960's. No information on use and/or operation of the parcel was able for review. The exiting hotel was originally developed in the early 1980's.

The 402 and 430 Buffalo Avenue parcels were historically part of the large manufacturing facility. Manufacturing began sometime in 1914 and operations included underground storage tanks noted as fuel oil. Baking ovens, likely utilizing the noted fuel oil, were located across the manufacturing facility for drying raw materials, heating the various buildings and operations, and baking final products. Additional operations included paper box manufacturing and printing, material handling and shipping equipment, maintenance of manufacturing equipment and vehicles, likely application of pesticides and herbicides related to raw food material and finished goods storage, and use of storage of paint, solvents, thinners, grease and lubricants common along former manufacturing operations.

Geology and Hydrogeology: The Niagara Falls region is underlain by Silurian and Devonian age stratified limestone, dolomite and shale of marine origin. The primary bedrock type that forms the bedrock surface is fine to course grained Lockport Dolomite. Groundwater in the area is affected by the Niagara River. Bedrock groundwater flow generally is in a north westerly direction. The Niagara River near the Falls is a recharge zone for bedrock groundwater. Overburden groundwater flow will be evaluated during the Remedial Investigation.

Additional site details, including environmental and health assessment summaries, are available on DEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=C932164

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: **http://www.dec.ny.gov/chemical/8450.html**

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Niagara Falls Public Library
Attn: Michelle Petrazzoulo
Earl W. Brydges Building
1425 Main Street
Niagara Falls, NY 14305
(716) 286-4894

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Michael Hinton
Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203-2915
716-851-7220
michael.hinton@dec.ny.gov

Site-Related Health Questions
Stephanie Selmer
Public Health Specialist
Bureau of Environmental Exposure Investigation
New York State Department of Health
Corning Tower - Room 1787
Albany, New York 12237
Phone: (518)402-7860
BEEI@health.ny.gov

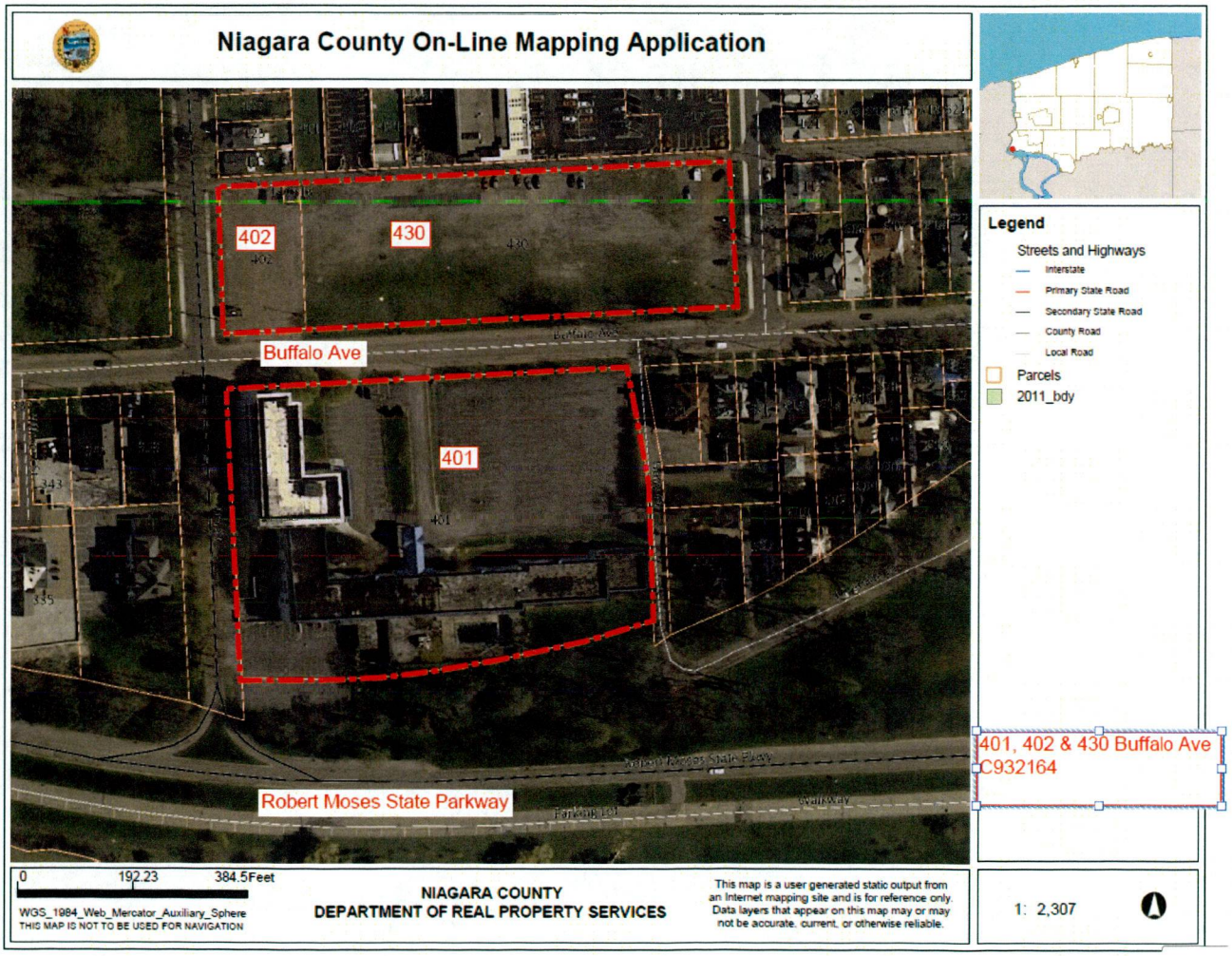
We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. DEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: http://www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you *better informed.*

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



Public Notice

The New York State Department of Environmental Conservation (DEC) has received a Brownfield Cleanup Program (BCP) application from Merani Hospitality, Inc. for a site known as the 401, 402, and 430 Buffalo Avenue Site, Site ID C932164. This site is located in the City of Niagara Falls, within the County of Niagara, and is located at 401, 402, and 430 Buffalo Avenue. Comments regarding this application must be submitted no later than April 11, 2014. Information regarding the site, the application, and how to submit comments can be found at http://www.dec.ny.gov/chemical/60058.html or send comments to Michael Hinton, Project Manager, NYS Dept. of Environmental Conservation – Region 9, 270 Michigan Avenue, Buffalo, NY 14203; mjhinton@gw.dec.state.ny.us; 716-851-7220.

To have information such as this notice sent right to your email, sign up with county email listservs available at www.dec.ny.gov/chemical/61092.html.

STATE OF NEW YORK
NIAGARA COUNTY,} SS,_____

Linda Elliott, of said county, being duly sworn, deposes and says that she is now and during the whole time hereinafter mentioned was the Clerk of

NIAGARA GAZETTE

A newspaper published in the County and State aforesaid, and that the annexed printed legal # 103197 was printed and published in said paper on the following dates:

03/12/2014

Linda Elliott
Principal Clerk

Subscribed and sworn to before me this 13 MARCH 2014

PATRICIA J. KING
Notary Public, State of New York
Qualified in Niagara County
My Commission Expires March 06, 19...

Patricia J King 07/27/2014
Notary Public Expiration Date

Public Notice

The New York State Department of Environmental Conservation (DEC) has received a Brownfield Cleanup Program (BCP) application from Merani Hospitality, Inc. for a site known as the 401, 402, and 430 Buffalo Avenue Site, Site ID C932164. This site is located in the City of Niagara Falls, within the County of Niagara, and is located at 401, 402, and 430 Buffalo Avenue. Comments regarding this application must be submitted no later than April 11, 2014. Information regarding the site, the application, and how to submit comments can be found at http://www.dec.ny.gov/chemical/60058.html or send comments to Michael Hinton, Project Manager, NYS Dept. of Environmental Conservation – Region 9, 270 Michigan Avenue, Buffalo, NY 14203; mjhinton@gw.dec.state.ny.us; 716-851-7220.

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NEW YORK STATE | Department of Environmental Conservation

October 2015

FACT SHEET

Brownfield Cleanup Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: 402 and 430 Buffalo Avenue Site
DEC Site #: C932164
Address: 402 and 430 Buffalo Avenue; Niagara Falls, NY 14303
Website: http://www.dec.ny.gov/chemical/103837.html

Have questions? See "Who to Contact" Below

Report Recommends Cleanup of Brownfield Site Contamination

The New York State Department of Environmental Conservation (DEC) is reviewing the Remedial Investigation Report for the 402 and 430 Buffalo Avenue Site ("site") located at 402 and 430 Buffalo Avenue, Niagara Falls, Niagara County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location identified below under "Where to Find Information."

DEC is reviewing the "Remedial Investigation, Alternatives Analysis and Interim Remedial Measures Report (RI/AAR/IRM)" that was submitted by Merani Hospitality, Inc. ("applicant"). The report describes the results of the site investigation and completed Interim Remedial Measures and recommends development of a remedy to address the contamination that was found.

Highlights of the Remedial Investigation Report Alternatives Analysis and Interim Remedial Measures:

Surface samples, borings, test pits and monitoring wells installed as part of the remedial investigation identified areas of contamination that included universal building material waste (light bulbs, ballasts cleaning chemicals etc.) asbestos, sub-soil, Technically Enhanced Naturally Occurring Radiation (TENORM) and PCBs

The IRMs that were completed removed the contamination identified during the RI from the 401 and 402 Buffalo Ave parcels.

A proposed Remedial Action consisting of a protective soil cover over soil contamination at the 430 Buffalo Ave parcel has been proposed. The soil cover will consist of 2 feet of clean material consisting of suitable soil, topsoil, gravel and/or asphalt.

The final remedy also includes a Site Management Plan with an Environmental Easement that restricts future site development to Restricted Residential uses.

Next Steps
DEC will complete its review of the RI/AAR, make any necessary revisions and the approved report will be made available to the public (see "Where to Find Information" below). DEC will prepare a Proposed Decision Document that describes how contamination will be addressed, with DEC and DOH overseeing the work. DEC will present the draft Decision Document to the public for its review and comment during a 45-day comment period.

DEC will keep the public informed throughout the investigation and cleanup of the site

Background
Location: This BCP site is located at 401, 402 and 430 Buffalo Avenue, in Niagara Falls, Niagara County. The site is bound by 4th Street to the west, 6th Street and Holly Place to the east, a public alleyway from 4th Street and 6th Street to the north, and the Robert Moses State Parkway with the Niagara River beyond to the south. Buffalo Avenue intersects the property from east to west.

Site Features: The 401 Buffalo Avenue parcel is currently improved with portions of a vacant municipally-condemned former hotel and conference center, parking areas and vegetated/landscaped areas.

The 402 and 430 Buffalo Avenue parcels are currently vacant and was part of a former manufacturing facility.

Current Zoning and Land Use: The site is currently vacant located in a highly developed mixed use commercial and residential area. The site is zoned commercial and redevelopment at the site has begun.

Past Use of the Site: Use of the three properties dates back to 1901 when Henry Perky came to Niagara Falls and constructed a biscuit plant on the 402 and 430 parcels. This facility was named Shredded Wheat Company and was eventually sold to Nabisco and renamed "National Biscuit Shredded Wheat" (1933) and finally, "Nabisco Shredded Wheat" (1941). Operations included underground storage tanks noted as fuel oil. Baking ovens, likely utilizing the noted fuel oil, were located across the manufacturing facility for drying raw materials, heating the various buildings and operations, and baking final products. Additional operations included paper box manufacturing and printing, material handling and shipping equipment, maintenance of manufacturing equipment and vehicles, likely application of pesticides and herbicides related to raw food material and finished goods storage, and use of storage of paint, solvents, thinners, grease and lubricants common along former manufacturing operations.

Records indicate that the 401 parcel was used as a park area along the Niagara River as part of the greater manufacturing plant property. This site was later redeveloped into the former hotel facility in the early 1980's.

Geology and Hydrogeology: The Niagara Falls region is underlain by Silurian and Devonian age stratified limestone, dolomite and shale of marine origin. The primary bedrock type that forms the bedrock surface is fine to course grained Lockport Dolomite. Groundwater in the area is affected by the Niagara River. Bedrock groundwater flow generally is in a North westerly direction. The Niagara River near the Falls is a recharge zone for bedrock groundwater. Overburden groundwater flow will be evaluated during the Remedial Investigation.

Additional site details, including environmental and health assessment summaries, are available on DEC's website at http://www.dec.ny.gov/chemical/103837.html and http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=C932164.

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: **http://www.dec.ny.gov/chemical/8450.html**

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location to help the public stay informed.

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Attn: Michelle Petrazzoulo
Earl W. Brydges Building
1425 Main Street
Niagara Falls, NY 14305

Project documents are also available on DEC's website at:
http://www.dec.ny.gov/chemical/103837.html

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Michael Hinton
NYS DEC
Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203
716-851-7220
michael.hinton@dec.ny.gov

Site-Related Health Questions
Stephanie Selmer
NYS DOH
Corning Tower – Room 1787
Albany, NY 12237
518-402-7860
beei@health.ny.gov

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

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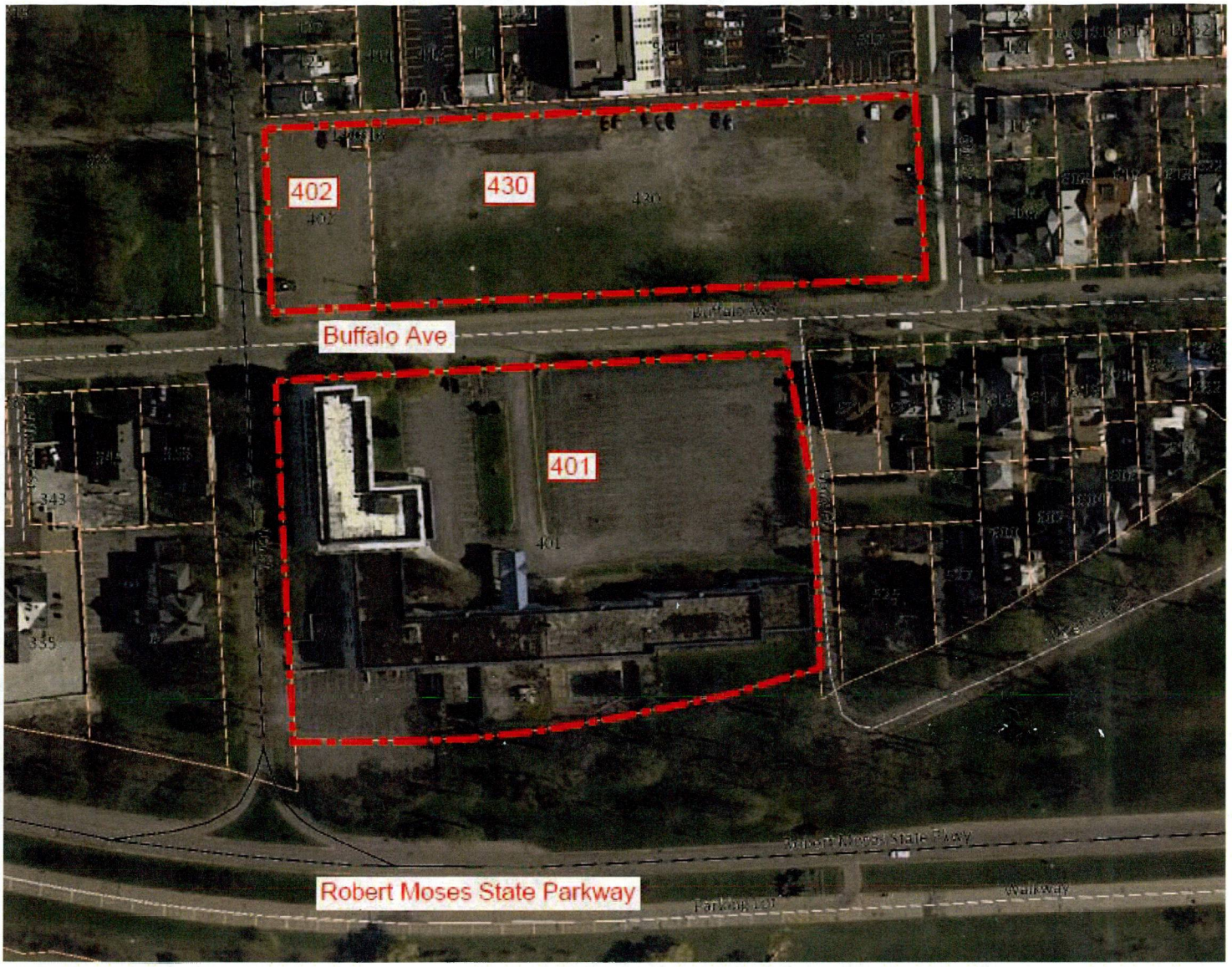

402
430
Buffalo Ave
401
Robert Moses State Pkwy

NEW YORK STATE | Department of Environmental Conservation

November 2015

FACT SHEET

Brownfield Cleanup Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: 402 and 430 Buffalo Avenue Site
DEC Site #: C932164
Address: 402 and 430 Buffalo Avenue
Niagara Falls, NY 14303

Have questions? See "Who to Contact" Below

Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced

The public is invited to comment on a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to the 402 and 430 Buffalo Avenue Site ("site") located at 402 and 430 Buffalo Avenue, Niagara Falls, Niagara County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

Based on the findings of the investigation, NYSDEC in consultation with the New York State Department of Health (NYSDOH) has determined that the site's significant threat status is unknown.

How to Comment

NYSDEC is accepting written comments about the proposed plan for 45 days, from **November 5, 2015** through **December 21, 2015**. The proposed plan is available for public review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

Highlights of the Remedial Investigation Alternatives Analysis and Interim Remedial Measures (RI/AAR/IRM) Report:

Surface samples, borings, test pits and monitoring wells that were installed as part of the remedial investigation identified areas of contamination that included universal building material waste (light bulbs, ballasts, cleaning chemicals etc.) asbestos, sub-soil, Technically Enhanced Naturally Occurring Radiation (TENORM) and PCBs.

The IRMs that were completed removed the contamination identified during the RI from the 401 and 402 Buffalo Ave parcels. A proposed Remedial Action consisting of a protective soil cover over soil contamination at the 430 Buffalo Ave parcel has been proposed. The soil cover will consist of 2 feet of clean material consisting of suitable soil, topsoil, gravel and/or asphalt. The final remedy also includes a Site Management Plan with an Environmental Easement that restricts future site development on the 430 Buffalo Ave parcel.

Next Steps
NYSDEC will complete its review of the RI/AA/IRM report and make any necessary revisions including any public comments. The approved report will be made available to the public (see "Where to Find Information" below). The Department will prepare a Decision Document based on the approved RI/AA/IRM Report. After the issuance of the Decision Document the NYSDEC will issue a Certificate of Completion that will indicate the acceptance of the remedial work.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site

Background
Location: This BCP site is located at 401, 402 and 430 Buffalo Avenue, in Niagara Falls, Niagara County. The site is bound by 4th Street to the west, 6th Street and Holly Place to the east, a public alleyway from 4th Street and 6th Street to the north, and the Robert Moses State Parkway with the Niagara River beyond to the south. Buffalo Avenue intersects the property from east to west.

Site Features: The 401 Buffalo Avenue parcel is currently improved with portions of a vacant municipally-condemned former hotel and conference center, parking areas and vegetated/landscaped areas.

The 402 and 430 Buffalo Avenue parcels are currently vacant and was part of a former manufacturing facility.

Current Zoning and Land Use: The site is currently vacant located in a highly developed mixed use commercial and residential area. The site is zoned commercial and redevelopment at the site has begun.

Past Use of the Site: Use of the three properties dates back to 1901 when Henry Perky came to Niagara Falls and constructed a biscuit plant on the 402 and 430 parcels. This facility was named Shredded Wheat Company and was eventually sold to Nabisco and renamed "National Biscuit Shredded Wheat" (1933) and finally, "Nabisco Shredded Wheat" (1941). Operations included underground storage tanks noted as fuel oil. Baking ovens, likely utilizing the noted fuel oil, were located across the manufacturing facility for drying raw materials, heating the various buildings and operations, and baking final products. Additional operations included paper box manufacturing and printing, material handling and shipping equipment, maintenance of manufacturing equipment and vehicles, likely application of pesticides and herbicides related to raw food material and finished goods storage, and use of storage of paint, solvents, thinners, grease and lubricants common along former manufacturing operations.

Records indicate that the 401 parcel was used as a park area along the Niagara River as part of the greater manufacturing plant property. This site was later redeveloped into the former hotel facility in the early 1980's.

Geology and Hydrogeology: The Niagara Falls region is underlain by Silurian and Devonian age stratified limestone, dolomite and shale of marine origin. The primary bedrock type that forms the bedrock surface is fine to course grained Lockport Dolomite. Groundwater in the area is affected by the Niagara River. Bedrock groundwater flow generally is in an North westerly direction. The Niagara River near the Falls is a recharge zone for bedrock groundwater. Overburden groundwater flow will be evaluated during the Remedial Investigation.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at: http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=C932164

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: **http://www.dec.ny.gov/chemical/8450.html**

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Niagara Falls Public Library
Attn: Michelle Petrazzoulo
Earl W. Brydges Building
1425 Main Street
Niagara Falls, NY 14305
phone: 716-286-4894

Project documents are also available on the NYSDEC website at:
http://www.dec.ny.gov/chemical/37554.html

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Michael Hinton
Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203-2915
716-851-7220
michael.hinton@dec.ny.gov

Site-Related Health Questions
Stephanie Selmer
New York State Department of Health
Corning Tower – Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.ny.gov

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: http://www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you *better informed.*

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.


lvd
430
402
6th St
401
Holly Pl
Riverside Dr
Hillcrest St
Robert Moses Pkwy
4th St
© 2015 Google
C932164 – 402, 430 Buffalo Avenue Site
Google earth
1934
Imagery Date: 6/5/2015 43°04'55.24" N 79°03'22.11" W elev 578 ft eye alt 1969 ft

APPENDIX E

AGENCY APPROVALS

Nathan T. Munley

From: Hinton, Michael (DEC) <michael.hinton@dec.ny.gov>
Sent: Friday, July 31, 2015 2:23 PM
To: Nathan T. Munley
Subject: RE: 401, 402 and 430 Buffalo Avenue - Backfill stone

Yes that will be acceptable.

From: Nathan T. Munley [mailto:NMunley@turnkeyllc.com]
Sent: Friday, July 31, 2015 2:21 PM
To: Hinton, Michael (DEC)
Cc: Sutton, Gregory (DEC)
Subject: RE: 401, 402 and 430 Buffalo Avenue - Backfill stone

Being that 2 different LaFarge quarry's are planned (Niagara and Lockport) can I split the sampling between them?

From: Hinton, Michael (DEC) [mailto:michael.hinton@dec.ny.gov]
Sent: Friday, July 31, 2015 2:19 PM
To: Nathan T. Munley
Cc: Sutton, Gregory (DEC)
Subject: RE: 401, 402 and 430 Buffalo Avenue - Backfill stone

Nate,

We have looked over the data and agree that the #1 stone and Fine stone can be used on site without further testing assuming the material continues to be supplied by a commercial quarry from a virgin source and the character and nature of the material does not change.

As you noted the 2" ROC exceeds the #80 sieve criteria. We understand that a substantial amount of 2" ROC will be used in the structural fill requirements for the building. Recognizing the source of this material is a commercial quarry producing virgin material we can agree that the complete sampling protocol outlined in DER-10 is not necessary. However we do need some data to satisfy the BCP and DER-10 guidelines. Therefore we are requesting that you provide sampling data based on the DER-10 policy for the first 800 cy of material. For the first 800 cy of material we will expect 6 discrete VOC analysis and 2 composite samples foe SVOCs, Inorganics & PCB/Pesticides be provided.

If you have any questions please call.

Mike

From: Nathan T. Munley [mailto:NMunley@turnkeyllc.com]
Sent: Wednesday, July 22, 2015 1:31 PM
To: Hinton, Michael (DEC)
Subject: 401, 402 and 430 Buffalo Avenue - Backfill stone

Mike
Attached is the sieve analysis' from LaFarge for 2-inch run of crush from Lockport and Niagara plants, #1 stone, and fine stone.

We are requesting approval to use the material from the virgin-source quarries without additional chemical testing per DER-10. The 2" ROC from both quarries is slightly above the "less than 10%" , but material is from licensed virgin-source and these quarries are the closest transportation option for the Site.

This is all planned for use in the structural subbase for the hotel tower, utilities and parking lot subbase and backfill material.

Let me know
Regards
Nate

Nathan T. Munley
Project Manager
nmunley@turnkeyllc.com

TurnKey Environmental Restoration, LLC
www.benchmarkturnkey.com

2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
Phone: (716) 856-0635, *Mobile:* (716) 289-1072, *Facsimile:* (716) 856-0583

Strong Advocates | Effective Solutions | Integrated Implementation

DISCLAIMERS:

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.
Virus Warning: While reasonable precautions have been taken to protect against viruses in this message, we accept no responsibility for any damages arising from the potential presence of such viruses.
Contracts: Nothing in this message shall be construed as legally binding upon Benchmark or TurnKey.
Professional Opinions: Views expressed in this message may only be relied upon as professional opinion if and when provided by principals of the Companies to authorized representatives of the organization with which we have an active client-engineer relationship and when directly pertaining to a binding contract scope of work.

Mr. Nathan T. Munley
Project Manager
TurnKey Environmental Restoration LLC
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

September 30, 2015

Dear Mr. Munley,

401, 402 & 430 Buffalo Ave
Site #C932164
IRM Work Plan Addendum
Niagara Falls, Niagara County

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Addendum dated July 2015 to the approved Interim Remedial Measure Work Plan. This addendum is conditionally approved with the following comment:

- **402 Buffalo Avenue- Radioavtive Material IRM -** 4th paragraph, a site background determination must be made to identify the average radiological background for the area. This background level will be used to determine that all TENORM has been successfully removed. The remaining sub-grade in the excavation area must be surveyed to indicate remaining materials are consistent with these background values at the completion of the TENORM removal.

Please address this comment and provide a revised final addendum to the IRM work plan.

If you have any questions please call me at 716-851-7220 or email at michael.hinton@dec.ny.gov.

Sincerely,

Michael J Hinton P.E.
Project Manager
NYSDEC R9
Buffalo

cc: Gregory P Sutton PE NYSDEC Regional Remediation Engineer R9, Buffalo
Jennifer Dougherty. NYSDEC Office of General Council, Region 9
Michael Cruden PE NYSDEC Bureau Director Remedial Bureau E, Albany
Stephanie Selmer NYS DOH Bureau of Environmental Exposure Investigation, Albany

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 1504828

SPILL NAME: 401, 402 & 430 BUFFALO AVE **DEC LEAD:** mjhinton

CALLER NAME: NATE MUNLEY **NOTIFIER'S NAME:** NATE MUNLEY

CLR'S AGENCY: BENCHMARK ENVIRONMENTAL **NOTIFIER'S AGENCY:** BENCHMARK ENVIRONMENTAL

CALLER'S PHONE: (716) 289-1072 **NOTIFIER'S PHONE:** (716) 289-1072

SPILL DATE: 08/03/2015 **SPILL TIME:** 3:30 pm **DISPATCHER:**

CALL RECEIVED DATE: 08/03/2015 **RECEIVED TIME:** 3:45 pm

SPILL LOCATION

PLACE: 401, 402 & 430 BUFFALO AVE **COUNTY:** Niagara

STREET: 401 BUFFALO AVE **TOWN/CITY:** Niagara Falls (c)

COMMUNITY: NIAGARA FALLS

CONTACT: NATE MUNLEY **CONTACT PHONE:** (716) 289-1072

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

Hydraulic Hose failure on vac truck released hydraulic oil to asphalt. Spill immediately cleaned up with speedy dry and sorbent pads. Placed debris in drum. Drum transported off site for disposal with other waste material.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
hydraulic oil	Petroleum	5.00 G	5.00 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

8/4/2015 1045 hrs - MJH inspected spill area. Cleanup satisfactory. Staining on asphalt minimal and will be excavated with the remaining site work and disposed as petroleum contaminated material. Site is the location of a BCP project C932164 and additional remedial work is to be performed on site.

PIN **T & A** **COST CENTER**

CLASS: D4 **CLOSE DATE:** 08/04/2015 **MEETS STANDARDS:** True

Created On: 08/04/2015

Date Printed: 8/5/2015 Last Updated: 08/05/2015

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915
Phone: (716) 851-7220; **Fax** (716) 851-7226
Website: www.dec.ny.gov

Joe Martens
Commissioner

February 13, 2015

Mr. Nathan Munley
Project Manager
TurnKey Environmental Restoration LLC
2558 Hamburg Turnpike - Suite 300
Buffalo, New York 14218

Dear Mr. Munley:

401, 402 & 430 Buffalo Avenue
Site #C932164
IRM Work Plan
Niagara Falls, Niagara County

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the final Interim Remedial Measure (IRM) Work Plan dated November 2014. The comments presented in the December 12, 2014 Conditional Approval letter have been incorporated into the Final IRM Work Plan. Therefore, the Final IRM Work Plan is accepted without further comment.

If you have any questions, please call me at 716-851-7220 or email me at michael.hinton@dec.ny.gov.

Sincerely,

Michael J. Hinton, P.E.
Project Manager

MJH:sz

ec: Mr. Gregory Sutton - NYSDEC R9, Buffalo
Patrick Foster, Esq. - NYSDEC, Office of General Counsel, Albany
Mr. Michael Cruden - NYSDEC, Remedial Bureau E, Albany
Ms. Stephanie Selmer - NYS Department of Health, Albany

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915
Phone: (716) 851-7220 **Fax:** (716) 851-7226
Website: www.dec.ny.gov

Joe Martens
Commissioner

February 13, 2015

Mr. Nathan Munley
Project Manager
TurnKey Environmental Restoration LLC
2558 Hamburg Turnpike - Suite 300
Buffalo, New York 14218

Dear Mr. Munley:

401, 402 & 430 Buffalo Avenue
Site #C932164
Draft RI Work Plan
Niagara Falls, Niagara County

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Draft Remedial Investigation (RI) Work Plan dated November 2014. This Draft RI Work Plan was public noticed for a 30-day comment period that ended on January 14, 2015. No comments were received during the comment period.

Therefore, the RI Work Plan is approved without further comment.

If you have any questions, please call me at (716) 851-7220 or email me at michael.hinton@dec.ny.gov.

Sincerely,

Michael J. Hinton, P.E.
Project Manager

MJH:sz

ec: Mr. Gregory Sutton - NYSDEC R9, Buffalo
Patrick Foster, Esq. - NYSDEC, Office of General Counsel, Albany
Mr. Michael Cruden - NYSDEC, Remedial Bureau E, Albany
Ms. Stephanie Selmer - NYS Department of Health, Albany

EPA United States Environmental Protection Agency

Envirofacts

FRS Facility Detail Report

FRS

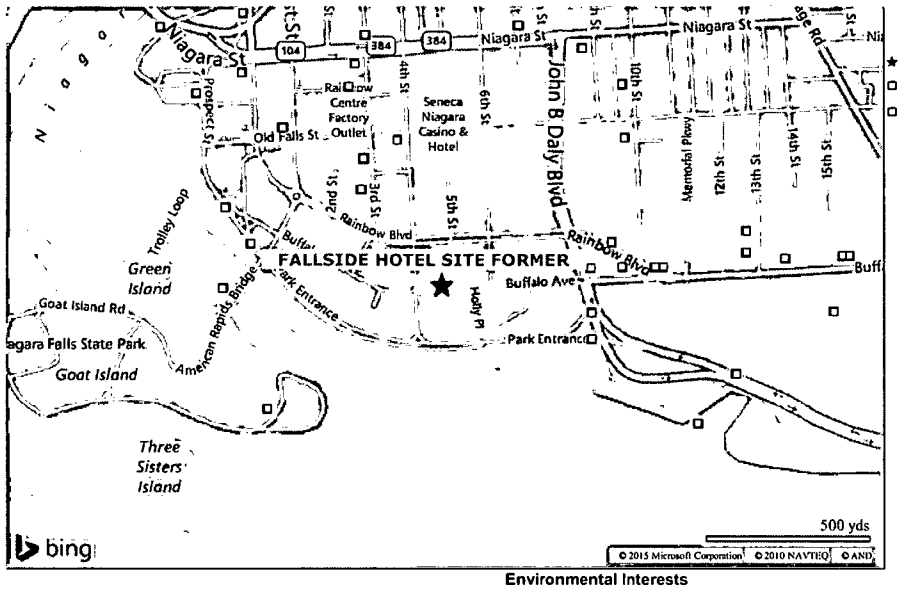
FALLSIDE HOTEL SITE FORMER

401 BUFFALO AVE
NIAGARA FALLS, NY 14304
EPA Registry Id: 110063687461

Facility Registry Service Links

- Search
  - FRS Facility Query
  - FRS EZ Search
  - Organization Search
- FRS Physical Data Model
- FRS Geospatial Model
- Contact Us
- Facility Registry Service (FRS) Home

Report an Error



Legend

- ★ Selected Facility
- □ EPA Facility of Interest
- □ State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	FALLSIDE HOTEL SITE FORMER	NYR000215962	LQG (Y)	RCRAINFO	01/12/2015	

Additional EPA Reports: MyEnvironment | Enforcement and Compliance | Site Demographics | Facility Coordinates Viewer | Environmental Justice Map Viewer | Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primar
RCRAINFO	721110	HOTELS (EXCEPT CASINO HOTELS) AND MOTELS.	

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	26
Legislative District Number:	
HUC Code/Watershed:	04120104 / NIAGARA
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
REGULATORY CONTACT	7001 BUFFALO AVE	NIAGARA FALLS	NY	14304	RCRAINFO
FACILITY MAILING ADDRESS	401 BUFFALO AVE	NIAGARA FALLS	NY	14304	RCRAINFO

Alternative Names

No Alternative Names returned.

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	FAISAL MERANI	7162367510	RCRAINFO	View

Organizations

No Organizations returned.

Query executed on: APR-13-2015

December 2, 2014

USEPA Region 2
DEPP - RCRA Programs Branch
Att: RCRA Notifications
290 Broadway, 22nd floor
New York, NY 10007-1866

Re: EPA Form 8700-12
RCRA Subtitle C Site Identification Form

To Whom it May Concern:

Attached for your review is the completed EPA Form 8700-12. As noted within the application, this request is related to the remedial cleanup activities currently being conducted at the Site under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP C932164).

Please notify us upon issuance of the identification number so that disposal arrangement can be made for the material.

If you have any questions or need additional information, please contact me at (716) 856-0635.

Sincerely,
TurnKey Environmental Restoration, LLC

Nathan T. Munley
Project Manager

ec: F. Merani (Merani Hospitality, Inc.)
M. Hinton (NYSDEC)
C. Slater (Slater Law)

OMB# 2050-0024; Expires 12/31/2014

SEND COMPLETED FORM TO: The Appropriate State or Regional Office.

United States Environmental Protection Agency
RCRA SUBTITLE C SITE IDENTIFICATION FORM

1. Reason for Submittal (MARK ALL BOX(ES) THAT APPLY)

Reason for Submittal:

- [x] To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)
- [ ] To provide a Subsequent Notification (to update site identification information for this location)
- [ ] As a component of a First RCRA Hazardous Waste Part A Permit Application
- [ ] As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____)
- [ ] As a component of the Hazardous Waste Report (If marked, see sub-bullet below)
  - [ ] Site was a TSD facility and/or generator of ≥1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)

2. Site EPA ID Number

EPA ID Number

3. Site Name

Name: Former FallSide Hotel Site

4. Site Location Information

Street Address: 401 Buffalo Avenue
City, Town, or Village: Niagara Falls | **County:** Niagara
State: NY | **Country:** USA | **Zip Code:** 14304

5. Site Land Type

[x] Private [ ] County [ ] District [ ] Federal [ ] Tribal [ ] Municipal [ ] State [ ] Other

6. NAICS Code(s) for the Site (at least 5-digit codes)

A. 7 2 1 1 1 0 | C. | B. | D.

7. Site Mailing Address

Street or P.O. Box: 401 Buffalo Avenue
City, Town, or Village: Niagara Falls
State: NY | **Country:** USA | **Zip Code:** 14304

8. Site Contact Person

First Name: Faisal | **MI:** | **Last:** Merani
Title: Managing Member
Street or P.O. Box: 7001 Buffalo Avenue
City, Town or Village: Niagara Falls
State: NY | **Country:** USA | **Zip Code:** 14304
Email: faisal@meranico.com
Phone: 716-236-7510 | **Ext.:** | **Fax:**

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner: Merani Hospitality, Inc. | **Date Became Owner:** 2009
Owner Type: [x] Private [ ] County [ ] District [ ] Federal [ ] Tribal [ ] Municipal [ ] State [ ] Other
Street or P.O. Box: 7001 Buffalo Avenue
City, Town, or Village: Niagara Falls | **Phone:** 716-236-7510
State: NY | **Country:** USA | **Zip Code:** 14304

B. Name of Site's Operator: NA - Vacant | **Date Became Operator:** NA
Operator Type: [x] Private [ ] County [ ] District [ ] Federal [ ] Tribal [ ] Municipal [ ] State [ ] Other

10. Type of Regulated Waste Activity (at your site)
Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-10.

Y ☑ N ☐ **1. Generator of Hazardous Waste**
If "Yes", mark only one of the following – a, b, or c.

- ☑ a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; **or** Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; **or** Generates, in any calendar month, **or** accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.
- ☐ b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs./mo) of non-acute hazardous waste.
- ☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste.

If "Yes" above, indicate other generator activities in 2-4.

Y ☑ N ☐ **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.

Y ☐ N ☑ **3. United States Importer of Hazardous Waste**

Y ☐ N ☑ **4. Mixed Waste (hazardous and radioactive) Generator**

Y ☐ N ☑ **5. Transporter of Hazardous Waste**
If "Yes", mark all that apply.
- ☐ a. Transporter
- ☐ b. Transfer Facility (at your site)

Y ☐ N ☑ **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.

Y ☐ N ☑ **7. Recycler of Hazardous Waste**

Y ☐ N ☑ **8. Exempt Boiler and/or Industrial Furnace**
If "Yes", mark all that apply.
- ☐ a. Small Quantity On-site Burner Exemption
- ☐ b. Smelting, Melting, and Refining Furnace Exemption

Y ☐ N ☑ **9. Underground Injection Control**

Y ☐ N ☑ **10. Receives Hazardous Waste from Off-site**

B. Universal Waste Activities; Complete all parts 1-2.

Y ☐ N ☑ **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.**

- a. Batteries ☐
- b. Pesticides ☐
- c. Mercury containing equipment ☐
- d. Lamps ☐
- e. Other (specify) _____ ☐
- f. Other (specify) _____ ☐
- g. Other (specify) _____ ☐

Y ☐ N ☑ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

Y ☐ N ☑ **1. Used Oil Transporter**
If "Yes", mark all that apply.
- ☐ a. Transporter
- ☐ b. Transfer Facility (at your site)

Y ☐ N ☑ **2. Used Oil Processor and/or Re-refiner**
If "Yes", mark all that apply.
- ☐ a. Processor
- ☐ b. Re-refiner

Y ☐ N ☑ **3. Off-Specification Used Oil Burner**

Y ☐ N ☑ **4. Used Oil Fuel Marketer**
If "Yes", mark all that apply.
- ☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

❖ You can **ONLY** Opt into Subpart K if:

- you are at least one of the following: a college or university; a teaching hospital that is owned by or has a formal affiliation agreement with a college or university; or a non-profit research institute that is owned by or has a formal affiliation agreement with a college or university; AND
- you have checked with your State to determine if 40 CFR Part 262 Subpart K is effective in your state

Y☐ N☑ 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories **See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:**

☐ a. College or University

☐ b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university

☐ c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

Y☐ N☑ 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D018-43						

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

12. Notification of Hazardous Secondary Material (HSM) Activity

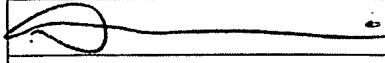
Y ☐ N ☑ Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes", you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

13. Comments

This application is related to a one-time remedial cleanup under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C932164. As noted above, we are requesting a short-term number for the duration of six (6) months.

14. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	Faisal Merani, Manager	12/01/2014

APPENDIX F

DAILY FIELD NOTES
(CD ENCLOSED)

APPENDIX G

PROJECT PHOTO LOG

SITE PHOTOGRAPHS

Photo 1:

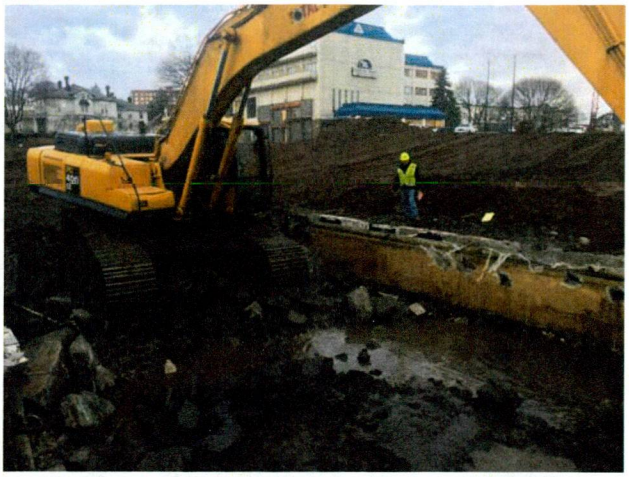


Photo 2:

Photo 3:

Photo 4:

Photo 1: DEMO – Excavation of pool area concrete (looking northwest).

Photo 2: DEMO – Demolition of concrete wall (looking northeast).

Photo 3: DEMO – Excavation of former building footers (looking east).

Photo 4: DEMO – Demolition of foundation wall (looking north).

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: IRM – Excavation of petroleum area (looking east).

Photo 6: IRM – Stockpile of petroleum area soil on poly (looking east).

Photo 7: IRM – Excavation of elevated RAD material – vicinity of TP-15 (looking west).

Photo 8: IRM – Excavation of elevated RAD material in pool area (looking west).

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: IRM – Excavation of parking lot island area (looking south).

Photo 10: IRM – Excavation of island area (looking south).

Photo 11: IRM – Excavation of pool area (looking east).

Photo 12: IRM – Post-removal grading pool area (looking west).

SITE PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

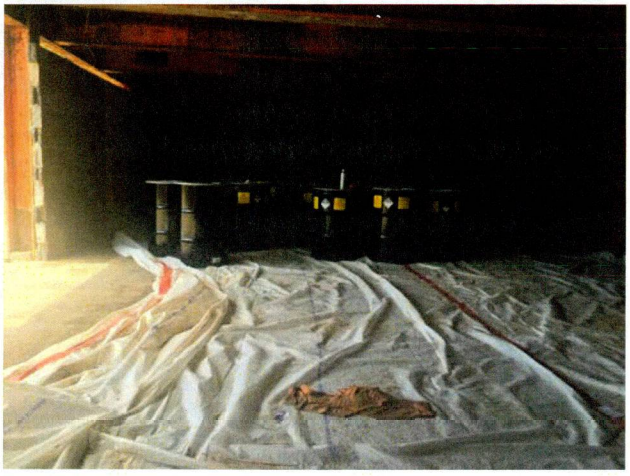


Photo 16:

Photo 13: IRM – Excavation of SS-2 area (looking west).

Photo 14: IRM – Excavation of SS-2 area (looking east).

Photo 15: IRM – Transformer Room – Staged transformer interior windings (looking west).

Photo 16: IRM – Transformer Room excavation (looking south).

SITE PHOTOGRAPHS

Photo 17:

Photo 18:

Photo 19:

Photo 20:

Photo 17: IRM – Chemical waste materials sorting and repackaging.

Photo 18: IRM – Chemical waste materials prepped for shipment.

Photo 19: IRM – Chemical waste materials loading.

Photo 20: IRM – Chemical waste emptied storage container.

SITE PHOTOGRAPHS

Photo 21:

Photo 22:

Photo 23:

Photo 24:

Photo 21: Spill No. 1504828 – Hydraulic line failure on Tonawanda Tank roll-off delivery truck.

Photo 22: Spill No. 1504828 – Petroleum stained asphalt.

Photo 23: IRM – Excavation of TP-3 Area (looking west).

Photo 24: IRM - Excavation of TP-3 area (looking southeast).

SITE PHOTOGRAPHS

Photo 25:

Photo 26:

Photo 27:

Photo 28:

Photo 25: IRM - Excavation of TP-3 area (looking west).

Photo 26: IRM - Excavation of TP-3 area (looking northeast).

Photo 27: IRM – Excavation of elevated RAD material – 402 Buffalo Avenue.

Photo 28: IRM – Excavation of elevated RAD material – 402 Buffalo Avenue.

SITE PHOTOGRAPHS

Photo 29:

Photo 30:

Photo 31:

Photo 32:

Photo 29: IRM – Excavation of elevated RAD material – 402 Buffalo Avenue.

Photo 30: Backfill – TP-3 area.

Photo 31: 430 Buffalo Avenue – demarcation and grading.

Photo 32: 430 Buffalo Avenue – demarcation and grading.

SITE PHOTOGRAPHS

Photo 33:

Photo 34:

Photo 33: 430 Buffalo Avenue – demarcation and grading.

Photo 34: 430 Buffalo Avenue – cover system.

APPENDIX H

SOIL/WASTE CHARACTERIZATION DOCUMENTATION

Appendix H1	*Disposal Facility Approval and Approval Letters*
Appendix H2	*Tabulated Load Summaries*
Appendix H3	*Waste Manifests or Bills of Lading (CD)*

APPENDIX H1

DISPOSAL FACILITY APPROVAL & APPROVAL LETTERS

Nathan T. Munley

From: Brian Hanaka <brianh@modern-corp.com>
Sent: Tuesday, May 26, 2015 4:43 PM
To: Nathan T. Munley
Subject: RE: Buffalo Avenue Niagara Falls

Nate
The account number is Benchmark # 28033-0002 and approval number is M15-2816. Thanks

Brian R. Hanaka

Account Executive, LEED WasteCap AP
Modern Disposal Services
PO Box 209
Model City, New York 14107
800-662-0012 ext 269
Direct:716-405-1269
Cell: 716.417.9086, Fax: 716-754-8964
brianh@modern-corp.com
Website; www.moderncorporation.com

From: Nathan T. Munley [mailto:NMunley@turnkeyllc.com]
Sent: Tuesday, May 26, 2015 4:37 PM
To: Brian Hanaka
Subject: Buffalo Avenue Niagara Falls

Brian
I need the client and account info for manifests for this site.

Let me know
Nate

Nathan T. Munley
Project Manager
nmunley@turnkeyllc.com

TurnKey Environmental Restoration, LLC
www.benchmarkturnkey.com

2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
Phone: (716) 856-0635, *Mobile:* (716) 289-1072, *Facsimile:* (716) 856-0583

Strong Advocates | Effective Solutions | Integrated Implementation

47-19-7 (10/86) - Text 12
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDSOU WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

FOR STATE USE ONLY		
SITE NO.	APPLICATION NO.	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
MODERN LANDFILL, INC.	NIAGARA	32N30
4. NAME OF OWNER	5. ADDRESS (Street, City, State, Zip Code)	6. TELEPHONE NO.
RICHARD WASHUTA	4746 Model City Road, Model City, NY 14107	(716) 754-8226
6. NAME OF OPERATOR	8. ADDRESS (Street, City, State, Zip Code)	9. TELEPHONE NO.
RICHARD WASHUTA	Pletcher & Harold Road, Model City, NY 14107	(716) 754-8226

10. METHOD OF TREATMENT OR DISPOSAL

SANITARY LANDFILL - D90

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)
Merani Hospitality	401, 402 and 430 Buffalo Avenue, Niagara Falls, NY

13. REPRESENTATIVE OF WASTE GENERATOR	14. MAILING ADDRESS OF REPRESENTATIVE	15. TELEPHONE NO.
Faisal Merani	7001 Buffalo Avenue	716-236-7510

16. DESCRIPTION OF PROCESS PRODUCING WASTE

Remediation of New York State Brownfield Site # C932164.

17. EXPECTED ANNUAL WASTE PRODUCTION
5000 Tons/Year _____ Gallons/Year

18. WASTE HAULED IN
☐ Drums ☐ Bulk Tank ☐ Roll-Off Container ☒ Other Dumptruck

19. WASTE COMPOSITION
19A. Average Percent Solids _____

19b. Physical State
☐ Liquid ☐ Slurry ☐ Sludge ☒ Solid ☐ Contained Gas

19c. pH Range
2 to 12

19d.	COMPONENTS	CONDENTRATION (Dry Weight) Upper	Lower	Typical	UNIT (Check One) Wt. %	ppm
1)	Petroleum Impacted Soil/Fill	100	0		☐	☐
2)	PAH Impacted Soil/Fill	100	0		☐	☐
3)	Metals Impacted Soil/Fill	100	0		☐	☐
4)	Debris/Fill Material (brick, block, glass, wood)	10	0		☐	☐

20. IS AN ANALYSIS OF WASTE ATTACHED?	21. WAS A TCLP TEST CONDUCTED ON THE WASTE?	22. MATERIAL IS:
☒ Yes ☐ No	☒ Yes ☐ No If "yes", attach results	☐ Hazardous ☒ Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment and disposal precautions.

petroleum odors

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?
NA - BCP remedial excavation

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT No.	28. TELEPHONE NO>

29. CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR	DATE
	5/11/15
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY	DATE

GENERATOR WASTE CHARACTERIZATION REPORT

INSTRUCTIONS: The following form is required for disposal of nonhazardous industrial/commercial wastes at Modern Landfill. Please complete all sections of this report. Send completed report along with the analytical, chain of custody and the Application for Disposal of an Industrial Waste Stream (47-19-7) to this office. A separate form is required for each waste stream.

GENERATOR INFORMATION:

Generator Name: Merani Hospitality Inc.

Generating Facility Address: 401, 402 and 430 Buffalo Avenue Niagara Falls NY

Technical Contact: Faisal Merani Phone: 716-236-7570

Alternate Contact: Nathan Munkey (TornKey) Phone: 716-856-0635

INVOICING INFORMATION:

Contracting Firm: TornKey Environmental Restoration, LLC

Contact: Nathan Munkey Mike Lesakowski Phone: 716-856-0635

Do you have an existing account with Modern Landfill? [X] Yes [ ] No

Billing Address: 2558 Hamburg Turnpike
Lackawanna NY 14218

TRANSPORTER INFORMATION:

Hauler Name: _____ NYSDEC Permit No. _____

Contact Person: _____ Phone No. _____

Is Modern Landfill currently on your Transporter Permit: [ ] Yes [ ] No

If no, please enclose a Part C Application to cover this waste stream.

WASTE INFORMATION:

Common name of waste: Non-hazardous Soil/Fill

Description of process generating this waste: Remedial excavation at NYSDEC BCP Site No. C932164

Is this waste hazardous under US EPA Guidelines & 6NYCRR Part 371 (d)? [ ] Yes [X] No

Indicate the category which best describes this waste stream:

[ ]	Industrial Waste	[ ]	Construction & Demolition Debris
[ ]	Household Waste	[X]	Other (Please Specify) Remedial Excavation
[ ]	Commercial Solid Waste		

PHYSICAL CHARACTERISTICS OF WASTE

The waste is at least 20% solid and contains no free liquid	YES [X]	NO [ ]
The Flashpoint of the waste is >140°f	YES [X]	NO [ ]
The pH level of the waste is between 2.0 and 12.5	YES [X]	NO [ ]
Is the waste reactive (Cyanide/Sulfide)?	YES [ ]	NO [X]
Is the waste free of PCBs	YES [X]	NO [ ]
Color: Brown to Black Odor: [ ] Strong [X] Mild [ ] None		

TCLP TESTING AND CERTIFICATION

Metals

Constituent	Nonhazardous Limit (mg/l)	Present	Not Present
Arsenic	5.0	0.03	
Barium	100.0	0.29 / 0.58 / 0.55	
Cadmium	1.0		X
Chromium	5.0		X
Lead	5.0	0.09	
Mercury	0.2		X
Selenium	1.0	0.06	
Silver	5.0		X

Herbicides / Pesticides

Constituent	Nonhazardous Limit (mg/l)	Present	Not Present
2,4-D	10.0		
2,4,5-TP silvex	1.0		
Endrin	0.02		
Lindane	0.4		
Methoxychlor	10.0		
Toxaphene	0.5		
Chlordane	0.03		
Heptachlor	0.008		

Acid Extractables

Constituent	Nonhazardous Limit (mg/l)	Present	Not Present
O-Creosol	200.0		
M-Creosol	200.0		
P-Creosol	200.0		
Pentachlorophenol	100.0		
2,4,5-Trichlorophenol	400.0		
2,4,6-Trichlorophenol	2.0		

Base Neutrals Extractables

Constituent	Nonhazardous Limit (mg/l)	Present	Not Present
1,4-Dichlorobenzene	7.5		
2,4-Dinitrotoluen	0.13		
Hexachlorobenzene	0.13		
Hexachlorobutadiene	0.5		
Hexachloroethane	3		
Nitrobenzene	2		
Pyridine	5		

Volatile Organics

Constituent	Nonhazardous Limit (mg/l)	Present	Not Present
1,1-Dichloroethylene	0.7		
Methyl Ethyl Ketone	200.0		
Tetrachloroethylene	0.7		
Vinyl Chloride	0.2		
Benzene	0.5		
Carbon Tetrachloride	0.5		
Chlorobenzene	100.0		
Chloroform	6.0	.0052	
Trichloroethylene	0.5		
1,2-Dichloroethane	0.5		

CERTIFICATION

I certify that all information contained within this Generator Waste Characterization Report, including all attached information, is complete and actual and is an accurate representation of known or suspected hazards described herein.

Signature: _____

Printed Name: FAISAL MENANI

Title: PRESIDENT

Company: MENANI HOSPITALITY, INC

Date: 5/11/15

CleanHarbors
ENVIRONMENTAL SERVICES, INC.

April 29, 2015

Attn: Mr. Faisal Merani
Merani Hospitality, Inc.
7001 Buffalo Avenue
Niagara Falls, NY 14304

RE: Former Fallside Hotel Site, 401 Buffalo Avenue, Niagara Falls, NY

Labpack Approval Number CC46704-SP
Cylinder Approval Number CM042715-7-8 (Propane)
Cylinder Approval Number CM042715-5-6 (MAPP)
Cylinder Approval Number CM042715-1-3 (Carbon dioxide)
Cylinder Approval Number CM042715-4 (Helium)
Approval Number CH983446 (Oil Based Paint in Cans)
Approval Number CH983449 (Latex Paint in Cans)
Approval Number CH983418 (Flammable Aerosols)
Approval Number CH983422 (Lead Acid Batteries)
Approval Number CH983431 (Petroleum Oils)

Dear Mr. Merani:

Thank you for accepting Clean Harbors Environmental Services, Inc. for your waste management needs. Clean Harbors has the appropriate permits and licenses for the acceptance and disposal of the waste streams that you have identified for pickup and disposal per the above-mentioned Labpack Approval Number.

We offer our clients a broad spectrum of environmental services and the ability to dispose of hazardous material at or through a Clean Harbors' owned and operated facility. In addition to managing your waste streams, a Clean Harbors' professional can assist you with:

- Facility Decontamination/Remediation Projects
- Emergency Response (24 hours a day)
- Required OSHA/Safety Training
- Analytical Services
- Lab Pack Services

I look forward to servicing your environmental needs. If you have any questions or need further assistance, you may reach me at the number below.

Sincerely,

Robert M Bihlmeyer
Lead Customer Service Representative
(860)583-8917 x 329

WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH983418

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # *NYR000215962* GENERATOR NAME: *Former Fallside Hotel Site*

GENERATOR CODE (Assigned by Clean Harbors) *FO21447* CITY *Niagara Falls* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14304*

ADDRESS *401 Buffalo Avenue* PHONE: *(716) 236-7510*

CUSTOMER CODE (Assigned by Clean Harbors) *AD000015* CUSTOMER NAME: *Advanced Waste Solutions Incorporated*

ADDRESS *519 Mill Street* CITY *Lockport* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14094*

B. WASTE DESCRIPTION

WASTE DESCRIPTION: *FLAMMABLE AEROSOLS - NON-PUNCTURED*

PROCESS GENERATING WASTE: **Off-spec products**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **Yes**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE
- SOLID WITHOUT FREE LIQUID
- POWDER
- MONOLITHIC SOLID
- LIQUID WITH NO SOLIDS
- LIQUID/SOLID MIXTURE
  - % FREE LIQUID
  - % SETTLED SOLID
  - % TOTAL SUSPENDED SOLID
- SLUDGE
- [x] GAS/AEROSOL

NUMBER OF PHASES/LAYERS

1 2 3

% BY VOLUME (Approx.)

TOP *0.00*
MIDDLE *0.00*
BOTTOM *0.00*

VISCOSITY (If liquid present)
- 1 - 100 (e.g. Water)
- 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

Varies

ODOR
- NONE
- [x] MILD
- STRONG

Describe:

BOILING POINT °F (°C)
- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- >= 130 (>54)

MELTING POINT °F (°C)
- < 140 (<60)
- 140-200 (60-93)
- > 200 (>93)

TOTAL ORGANIC CARBON
- <= 1%
- 1-9%
- [x] >= 10%

FLASH POINT °F (°C)
- [x] < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- > 200 (>93)

pH
- <= 2
- 2.1 - 6.9
- 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY
- [x] < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- 1.0 (e.g. Water)
- 1.0-1.2 (e.g. Antifreeze)
- > 1.2 (e.g. Methylene Chloride)

ASH
- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- [x] 5.1 - 20.0
- > 20
- Unknown

BTU/LB (MJ/kg)
- < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- [x] > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES [x] NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. *G11* SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. *W801*

E. CONSTITUENTS

Are these values based on testing or knowledge? ☑ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Labels

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0	*100.0000*			☑
D006	CADMIUM	1.0	*1.0000*			☑
D007	CHROMIUM	5.0	*5.0000*			☑
D008	LEAD	5.0	*5.0000*			☑
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑

	VOLATILE COMPOUNDS					
D018	BENZENE	0.5				
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	6.0				
D028	1,2-DICHLOROETHANE	0.5				
D029	1,1-DICHLOROETHYLENE	0.7				
D035	METHYL ETHYL KETONE	200.0	*200.0000*			
D039	TETRACHLOROETHYLENE	0.7	*0.7000*			
D040	TRICHLOROETHYLENE	0.5	*0.5000*			
D043	VINYL CHLORIDE	0.2				
	SEMI-VOLATILE COMPOUNDS					
D023	o-CRESOL	200.0				
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
	PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

- ☐ NONE
- ☑ < 1000 PPM
- ☐ >= 1000 PPM

PCBs

- ☑ NONE
- ☐ < 50 PPM
- ☐ >=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

☐ DEA REGULATED SUBSTANCES	☐ EXPLOSIVE	☐ FUMING	☑ OSHA REGULATED CARCINOGENS
☐ POLYMERIZABLE	☐ RADIOACTIVE	☐ REACTIVE MATERIAL	☐ NONE OF THE ABOVE

F. REGULATORY STATUS

☑ YES NO USEPA HAZARDOUS WASTE?
D001 D005 D006 D007 D008 D035 D039 D040

☑ YES NO DO ANY STATE WASTE CODES APPLY?
331 343
Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
LDR CATEGORY: *This is subject to LDR.*
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES ☑ NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

☑ YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

☑ YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

☑ YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES ☑ NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

RQ, UN1950, WASTE AEROSOLS, (EACH NOT EXCEEDING 1 L CAPACITY), 2.1 (D001)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ **CONTAINERIZED**
1-5 CONTAINERS/SHIPMENT
STORAGE CAPACITY: *5*
CONTAINER TYPE:
CUBIC YARD BOX PALLET
TOTE TANK ☑ DRUM
OTHER:
DRUM SIZE: *55*

BULK LIQUID
GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID
SHIPMENT UOM: TON YARD
TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

CleanHarbors Clean Harbors Profile No. CH983418

F. REGULATORY STATUS

☑ YES NO USEPA HAZARDOUS WASTE?

D001 D005 D006 D007 D008 D035 D039 D040

☑ YES NO DO ANY STATE WASTE CODES APPLY?

331 343

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *This is subject to LDR.*
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES ☑ NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

☑ YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

☑ YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

☑ YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES ☑ NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

RQ, UN1950, WASTE AEROSOLS, (EACH NOT EXCEEDING 1 L CAPACITY), 2.1 (D001)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ CONTAINERIZED	BULK LIQUID	BULK SOLID
1-5 CONTAINERS/SHIPMENT STORAGE CAPACITY: *5* CONTAINER TYPE: CUBIC YARD BOX PALLET TOTE TANK ☑ DRUM OTHER: DRUM SIZE: *55*	GALLONS/SHIPMENT: *0 Min -0 Max* GAL.	SHIPMENT UOM: TON YARD TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE	NAME (PRINT)	TITLE	DATE
[signature]	Nathan [illegible]	As Agent for [illegible]	6 May 2015

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH983422

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # *NYR000215962* GENERATOR NAME: *Former Fallside Hotel Site*

GENERATOR CODE (Assigned by Clean Harbors) *FO21447* CITY *Niagara Falls* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14304*

ADDRESS *401 Buffalo Avenue* PHONE: *(716) 236-7510*

CUSTOMER CODE (Assigned by Clean Harbors) *AD000015* CUSTOMER NAME: *Advanced Waste Solutions Incorporated*

ADDRESS *519 Mill Street* CITY *Lockport* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14094*

B. WASTE DESCRIPTION

WASTE DESCRIPTION: *LEAD ACID BATTERIES (GEL)*

PROCESS GENERATING WASTE: **Discarded product**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE
- SOLID WITHOUT FREE LIQUID
- POWDER
- MONOLITHIC SOLID
- [x] LIQUID WITH NO SOLIDS
- LIQUID/SOLID MIXTURE
  - % FREE LIQUID *0.00 - 20.00*
  - % SETTLED SOLID *0.00 - 90.00*
  - % TOTAL SUSPENDED SOLID
- SLUDGE
- GAS/AEROSOL

NUMBER OF PHASES/LAYERS

[x] 1 2 3

% BY VOLUME (Approx.)

TOP *0.00*

MIDDLE *0.00*

BOTTOM *0.00*

VISCOSITY (If liquid present)
- [x] 1 - 100 (e.g. Water)
- 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

Varies

ODOR
- [x] NONE
- MILD
- STRONG

Describe:

BOILING POINT °F (°C)
- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- [x] >= 130 (>54)

MELTING POINT °F (°C)
- < 140 (<60)
- 140-200 (60-93)
- [x] > 200 (>93)

TOTAL ORGANIC CARBON
- <= 1%
- 1-9%
- [x] >= 10%

FLASH POINT °F (°C)
- < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- [x] > 200 (>93)

pH
- [x] <= 2
- 2.1 - 6.9
- 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY
- < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- 1.0 (e.g. Water)
- 1.0-1.2 (e.g. Antifreeze)
- [x] > 1.2 (e.g. Methylene Chloride)

ASH
- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- 5.1 - 20.0
- [x] > 20
- Unknown

BTU/LB (MJ/kg)
- [x] < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
LEAD	20.0000000	--	30.0000000	%
LEAD ACID BATTERY	100.0000000	--	100.0000000	%
LEAD OXIDE	10.0000000	--	30.0000000	%
PLASTIC CASING	30.0000000	--	50.0000000	%
SULFURIC ACID	36.0000000	--	36.0000000	%
WATER	10.0000000	--	30.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES [x] NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. [x] YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. *G15* SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. *W309*

E. CONSTITUENTS

Are these values based on testing or knowledge? ☑ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Labeled intact batteries

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0				☑
D006	CADMIUM	1.0				☑
D007	CHROMIUM	5.0				☑
D008	LEAD	5.0	*5.0000*	*60.0000000*	*%*	
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑

RCRA	VOLATILE COMPOUNDS	REGULATORY LEVEL (mg/l)
D018	BENZENE	0.5
D019	CARBON TETRACHLORIDE	0.5
D021	CHLOROBENZENE	100.0
D022	CHLOROFORM	6.0
D028	1,2-DICHLOROETHANE	0.5
D029	1,1-DICHLOROETHYLENE	0.7
D035	METHYL ETHYL KETONE	200.0
D039	TETRACHLOROETHYLENE	0.7
D040	TRICHLOROETHYLENE	0.5
D043	VINYL CHLORIDE	0.2
	SEMI-VOLATILE COMPOUNDS	
D023	o-CRESOL	200.0
D024	m-CRESOL	200.0
D025	p-CRESOL	200.0
D026	CRESOL (TOTAL)	200.0
D027	1,4-DICHLOROBENZENE	7.5
D030	2,4-DINITROTOLUENE	0.13
D032	HEXACHLOROBENZENE	0.13
D033	HEXACHLOROBUTADIENE	0.5
D034	HEXACHLOROETHANE	3.0
D036	NITROBENZENE	2.0
D037	PENTACHLOROPHENOL	100.0
D038	PYRIDINE	5.0
D041	2,4,5-TRICHLOROPHENOL	400.0
D042	2,4,6-TRICHLOROPHENOL	2.0
	PESTICIDES AND HERBICIDES	
D012	ENDRIN	0.02
D013	LINDANE	0.4
D014	METHOXYCHLOR	10.0
D015	TOXAPHENE	0.5
D016	2,4-D	10.0
D017	2,4,5-TP (SILVEX)	1.0
D020	CHLORDANE	0.03
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☑ NONE
☐ < 1000 PPM
☐ >= 1000 PPM

PCBs

☑ NONE
☐ < 50 PPM
☐ >=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

☐ DEA REGULATED SUBSTANCES	☐ EXPLOSIVE	☐ FUMING	☑ OSHA REGULATED CARCINOGENS
☐ POLYMERIZABLE	☐ RADIOACTIVE	☐ REACTIVE MATERIAL	☐ NONE OF THE ABOVE

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

NHX1 7777 MA95 MRD002 MRD008

Texas Waste Code ***outs309h***

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: ***Not subject to LDR***

VARIANCE INFO:

☑ YES NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES ☑ NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? ☐ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2794, BATTERIES, WET, FILLED WITH ACID, 8, PG III, UNIVERSAL WASTE-BATTERIES

UN2800, BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, PG III, UNIVERSAL WASTE-BATTERIES

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER ***Other***

☑ **CONTAINERIZED**

1-2 CONTAINERS/SHIPMENT

STORAGE CAPACITY: ***2***

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: ***5***

BULK LIQUID

GALLONS/SHIPMENT: ***0 Min -0 Max*** GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: ***0 Min - 0 Max***

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

CleanHarbors

Clean Harbors Profile No. CH983422

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

NHX1 7777 MA95 MRD002 MRD008

Texas Waste Code *outs309h*

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Not subject to LDR*
VARIANCE INFO:

☑ YES NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES ☑ NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2794, BATTERIES, WET, FILLED WITH ACID, 8, PG III, UNIVERSAL WASTE-BATTERIES

UN2800, BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, PG III, UNIVERSAL WASTE-BATTERIES

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ CONTAINERIZED
1-2 CONTAINERS/SHIPMENT
STORAGE CAPACITY: *2*
CONTAINER TYPE:
CUBIC YARD BOX PALLET
TOTE TANK ☑ DRUM
OTHER:
DRUM SIZE: *5*

BULK LIQUID
GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID
SHIPMENT UOM: TON YARD
TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

Nathan Munley As Agent For Melanie Hospitality 6 May 2015

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH983429

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # *NYR000215962* GENERATOR NAME: *Former Fallside Hotel Site*

GENERATOR CODE (Assigned by Clean Harbors) *FO21447* CITY *Niagara Falls* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14304*

ADDRESS *401 Buffalo Avenue* PHONE: **(716) 236-7510**

CUSTOMER CODE (Assigned by Clean Harbors) *AD000015* CUSTOMER NAME: *Advanced Waste Solutions Incorporated*

ADDRESS *519 Mill Street* CITY *Lockport* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14094*

B. WASTE DESCRIPTION

WASTE DESCRIPTION: *COMPACT FLUORESCENT LAMPS*

PROCESS GENERATING WASTE: **Lamps taken out of service**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE
- [x] SOLID WITHOUT FREE LIQUID
- [ ] POWDER
- [ ] MONOLITHIC SOLID
- [ ] LIQUID WITH NO SOLIDS
- [ ] LIQUID/SOLID MIXTURE
  - % FREE LIQUID
  - % SETTLED SOLID
  - % TOTAL SUSPENDED SOLID
- [ ] SLUDGE
- [ ] GAS/AEROSOL

NUMBER OF PHASES/LAYERS

1 2 3

% BY VOLUME (Approx.)

TOP *0.00*
MIDDLE *0.00*
BOTTOM *0.00*

VISCOSITY (If liquid present)
- 1 - 100 (e.g. Water)
- 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

VARIED

ODOR
- [x] NONE
- [ ] MILD
- [ ] STRONG

Describe:

BOILING POINT °F (°C)
- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- >= 130 (>54)

MELTING POINT °F (°C)
- < 140 (<60)
- 140-200 (60-93)
- [x] > 200 (>93)

TOTAL ORGANIC CARBON
- [x] <= 1%
- [ ] 1-9%
- [ ] >= 10%

FLASH POINT °F (°C)
- < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- > 200 (>93)

pH
- <= 2
- 2.1 - 6.9
- [x] 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY
- < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- 1.0 (e.g. Water)
- 1.0-1.2 (e.g. Antifreeze)
- [x] > 1.2 (e.g. Methylene Chloride)

ASH
- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- 5.1 - 20.0
- > 20
- [x] Unknown

BTU/LB (MJ/kg)
- [x] < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
COMPACT FLUORESCENT LAMPS	0.0000000	--	100.0000000	%
MERCURY	0.0000000	--	259.0000000	PPM

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES [ ] NO [x]

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [ ] NO [x]

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [ ] NO [x]

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. *G15* SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. *W319*

E. CONSTITUENTS

Are these values based on testing or knowledge? ☑ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Labels and markings

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0				☑
D006	CADMIUM	1.0				☑
D007	CHROMIUM	5.0				☑
D008	LEAD	5.0				☑
D009	MERCURY	0.2	*0.2000*	*259.0000000*	*PPM*	
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑

	VOLATILE COMPOUNDS	
D018	BENZENE	0.5
D019	CARBON TETRACHLORIDE	0.5
D021	CHLOROBENZENE	100.0
D022	CHLOROFORM	6.0
D028	1,2-DICHLOROETHANE	0.5
D029	1,1-DICHLOROETHYLENE	0.7
D035	METHYL ETHYL KETONE	200.0
D039	TETRACHLOROETHYLENE	0.7
D040	TRICHLOROETHYLENE	0.5
D043	VINYL CHLORIDE	0.2
	SEMI-VOLATILE COMPOUNDS	
D023	o-CRESOL	200.0
D024	m-CRESOL	200.0
D025	p-CRESOL	200.0
D026	CRESOL (TOTAL)	200.0
D027	1,4-DICHLOROBENZENE	7.5
D030	2,4-DINITROTOLUENE	0.13
D032	HEXACHLOROBENZENE	0.13
D033	HEXACHLOROBUTADIENE	0.5
D034	HEXACHLOROETHANE	3.0
D036	NITROBENZENE	2.0
D037	PENTACHLOROPHENOL	100.0
D038	PYRIDINE	5.0
D041	2,4,5-TRICHLOROPHENOL	400.0
D042	2,4,6-TRICHLOROPHENOL	2.0
	PESTICIDES AND HERBICIDES	
D012	ENDRIN	0.02
D013	LINDANE	0.4
D014	METHOXYCHLOR	10.0
D015	TOXAPHENE	0.5
D016	2,4-D	10.0
D017	2,4,5-TP (SILVEX)	1.0
D020	CHLORDANE	0.03
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☑ NONE
< 1000 PPM
>= 1000 PPM

PCBs

☑ NONE
< 50 PPM
>=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	☑ NONE OF THE ABOVE

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

MA95 MRD009

Texas Waste Code *outs319h*

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Not subject to LDR*

VARIANCE INFO:

☑ YES NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? ☐ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL, UNIVERSAL WASTE-LAMP

UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (MERCURY), 9, PG III, UNIVERSAL WASTE—LAMP

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☑ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ **CONTAINERIZED**

1-2 CONTAINERS/SHIPMENT

STORAGE CAPACITY: *2*

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: *5*

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

CleanHarbors Clean Harbors Profile No. CH983429

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

MA95 MRD009

Texas Waste Code *outs319h*

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Not subject to LDR*
VARIANCE INFO:

☑ YES NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? ______ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL, UNIVERSAL WASTE-LAMP

UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (MERCURY), 9, PG III, UNIVERSAL WASTE—LAMP

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☑ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ CONTAINERIZED

1-2 CONTAINERS/SHIPMENT

STORAGE CAPACITY: 2

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: *5*

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE	NAME (PRINT)	TITLE	DATE
[signature]	Nathan Munley	As Agent for Marani Hospitality	6 May 2015

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

Please note this profile must be submitted for re-evaluation if there has been a change in the waste generating process or when there have been changes in the chemical composition or physical characteristics of the material.

WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH983431

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # *NYR000215962* GENERATOR NAME: *Former Fallside Hotel Site*

GENERATOR CODE (Assigned by Clean Harbors) *FO21447* CITY *Niagara Falls* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14304*

ADDRESS *401 Buffalo Avenue* PHONE: *(716) 236-7510*

CUSTOMER CODE (Assigned by Clean Harbors) *AD000015* CUSTOMER NAME: *Advanced Waste Solutions Incorporated*

ADDRESS *519 Mill Street* CITY *Lockport* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14094*

B. WASTE DESCRIPTION

WASTE DESCRIPTION: *PETROLEUM OILS*

PROCESS GENERATING WASTE: **Oils from maintenance operations at a former hotel**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE

- SOLID WITHOUT FREE LIQUID
- POWDER
- MONOLITHIC SOLID
- [x] LIQUID WITH NO SOLIDS
- LIQUID/SOLID MIXTURE
  - % FREE LIQUID
  - % SETTLED SOLID
  - % TOTAL SUSPENDED SOLID
- SLUDGE
- GAS/AEROSOL

NUMBER OF PHASES/LAYERS

[x] 1 2 3

% BY VOLUME (Approx.)

TOP *90.00*

MIDDLE *0.00*

BOTTOM *10.00*

VISCOSITY (If liquid present)

- 1 - 100 (e.g. Water)
- [x] 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

VARIES

ODOR

- NONE
- [x] MILD
- STRONG

Describe:

BOILING POINT °F (°C)

- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- [x] >= 130 (>54)

MELTING POINT °F (°C)

- < 140 (<60)
- 140-200 (60-93)
- > 200 (>93)

TOTAL ORGANIC CARBON

- <= 1%
- 1-9%
- [x] >= 10%

FLASH POINT °F (°C)

- < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- [x] > 200 (>93)

pH

- <= 2
- 2.1 - 6.9
- [x] 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY

- < 0.8 (e.g. Gasoline)
- [x] 0.8-1.0 (e.g. Ethanol)
- 1.0 (e.g. Water)
- 1.0-1.2 (e.g. Antifreeze)
- > 1.2 (e.g. Methylene Chloride)

ASH

- < 0.1
- [x] 0.1 - 1.0
- 1.1 - 5.0
- 5.1 - 20.0
- > 20
- Unknown

BTU/LB (MJ/kg)

- < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- [x] > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
AMMONIA	0.0000000	--	1.0000000	%
COMPRESSOR OIL	0.0000000	--	100.0000000	%
DIRT	0.0000000	--	5.0000000	%
FREON	0.0000000	--	1000.0000000	PPM
HYDRAULIC OIL	0.0000000	--	100.0000000	%
MOTOR OIL	0.0000000	--	100.0000000	%
PETROLEUM HYDROCARBON BASED OILS	0.0000000	--	100.0000000	%
REFRIGERANT OIL	0.0000000	--	100.0000000	%
WATER	0.0000000	--	10.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. *G09* SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. *W206*

E. CONSTITUENTS

Are these values based on testing or knowledge? ☑ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Maintenance procedures, collecting used oils

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
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D005	BARIUM	100.0				☑
D006	CADMIUM	1.0				☑
D007	CHROMIUM	5.0				☑
D008	LEAD	5.0				☑
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑
	VOLATILE COMPOUNDS					
D018	BENZENE	0.5				
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	6.0				
D028	1,2-DICHLOROETHANE	0.5				
D029	1,1-DICHLOROETHYLENE	0.7				
D035	METHYL ETHYL KETONE	200.0				
D039	TETRACHLOROETHYLENE	0.7				
D040	TRICHLOROETHYLENE	0.5				
D043	VINYL CHLORIDE	0.2				
	SEMI-VOLATILE COMPOUNDS					
D023	o-CRESOL	200.0				
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
	PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☐ NONE
☑ < 1000 PPM
☐ >= 1000 PPM

PCBs

☑ NONE
☐ < 50 PPM
☐ >=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	☑ NONE OF THE ABOVE

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

017L NHX1 021L 223 CR02 MA01 VT02

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Subject to a variance or exemption*

VARIANCE INFO: *Used oil managed under 40 CFR 279*

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES ☑ NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES ☑ NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL, (USED OIL)

NON RCRA HAZARDOUS WASTE LIQUIDS, (OIL W/ LESS THAN 10% WATER)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ **CONTAINERIZED**

1-5 CONTAINERS/SHIPMENT

STORAGE CAPACITY: *5*

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: *55*

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

For Reclamation 40 CFR part 279

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

This waste profile has been submitted using Clean Harbors' electronic signature system.

*40 CFR Sec. 264.12 required notice:

As required by Federal Resource Conservation and Recovery Act regulations found in 40 CFR Part 264.12(b) and all equivalent State hazardous waste regulations, notice is hereby provided that all Clean Harbors facilities that may be used to treat, store, and /or dispose of the hazardous waste described on this waste profile have the appropriate permits and the capacity to manage these wastes.

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CleanHarbors

Clean Harbors Profile No. CH983431

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

017L NHX1 021L 223 CR02 MA01 VT02

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Subject to a variance or exemption*

VARIANCE INFO: *Used oil managed under 40 CFR 279*

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES ☑ NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES ☑ NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL, (USED OIL)

NON RCRA HAZARDOUS WASTE LIQUIDS, (OIL W/ LESS THAN 10% WATER)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ **CONTAINERIZED**

1-5 CONTAINERS/SHIPMENT

STORAGE CAPACITY: *5*

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: *55*

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

For Reclamation 40 CFR part 279

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

6 May 2015

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WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH983446

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # *NYR000215962* GENERATOR NAME: *Former Fallside Hotel Site*

GENERATOR CODE (Assigned by Clean Harbors) *FO21447* CITY *Niagara Falls* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14304*

ADDRESS *401 Buffalo Avenue* PHONE: **(716) 236-7510**

CUSTOMER CODE (Assigned by Clean Harbors) *AD000015* CUSTOMER NAME: *Advanced Waste Solutions Incorporated*

ADDRESS *519 Mill Street* CITY *Lockport* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14094*

B. WASTE DESCRIPTION

WASTE DESCRIPTION: *OIL BASED PAINT IN CANS*

PROCESS GENERATING WASTE: **Unused paint collected for disposal**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **Yes**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE

- SOLID WITHOUT FREE LIQUID
- POWDER
- MONOLITHIC SOLID
- [x] LIQUID WITH NO SOLIDS
- LIQUID/SOLID MIXTURE
  - % FREE LIQUID *50.00 - 100.00*
  - % SETTLED SOLID *25.00 - 50.00*
  - % TOTAL SUSPENDED SOLID
- SLUDGE
- GAS/AEROSOL

NUMBER OF PHASES/LAYERS

1 [x] 2 3

% BY VOLUME (Approx.) TOP *50.00* MIDDLE *0.00* BOTTOM *50.00*

VISCOSITY (If liquid present)

- 1 - 100 (e.g. Water)
- [x] 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

varies

ODOR

- NONE
- [x] MILD
- STRONG

Describe:

BOILING POINT °F (°C)

- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- [x] >= 130 (>54)

MELTING POINT °F (°C)

- < 140 (<60)
- 140-200 (60-93)
- [x] > 200 (>93)

TOTAL ORGANIC CARBON

- <= 1%
- 1-9%
- [x] >= 10%

FLASH POINT °F (°C)

- [x] < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- > 200 (>93)

pH

- <= 2
- 2.1 - 6.9
- [x] 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY

- < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- 1.0 (e.g. Water)
- [x] 1.0-1.2 (e.g. Antifreeze)
- > 1.2 (e.g. Methylene Chloride)

ASH

- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- 5.1 - 20.0
- > 20
- [x] Unknown

BTU/LB (MJ/kg)

- < 2,000 (<4.6)
- 2,000-5,000 (4.6-11.6)
- [x] 5,000-10,000 (11.6-23.2)
- > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
ALKYD RESIN	0.0000000	--	20.0000000	%
BARIUM	0.0000000	--	5.0000000	%
CADMIUM	0.0000000	--	1000.000000 0	PPM
CHROMIUM	0.0000000	--	5.0000000	%
LEAD	0.0000000	--	5.0000000	%
METHYL ETHYL KETONE	0.0000000	--	15.0000000	%
OIL BASED PAINT	0.0000000	--	100.0000000	%
PAINT CANS	25.0000000	--	40.0000000	%
PIGMENTS (NON TRI)	10.0000000	--	20.0000000	%
SILVER	0.0000000	--	1000.000000 0	PPM

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES [x] NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY-DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. *G06* SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. *W209*

E. CONSTITUENTS

Are these values based on testing or knowledge? ☑ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Labels

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0	*100.0000*	*5.0000000*	%	
D006	CADMIUM	1.0	*1.0000*	*1.0000000*	%	
D007	CHROMIUM	5.0	*5.0000*	*5.0000000*	%	
D008	LEAD	5.0	*5.0000*	*5.0000000*	%	
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0	*5.0000*	*1.0000000*	%	
	VOLATILE COMPOUNDS					
D018	BENZENE	0.5				
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	6.0				
D028	1,2-DICHLOROETHANE	0.5				
D029	1,1-DICHLOROETHYLENE	0.7				
D035	METHYL ETHYL KETONE	200.0	*200.0000*			
D039	TETRACHLOROETHYLENE	0.7				
D040	TRICHLOROETHYLENE	0.5				
D043	VINYL CHLORIDE	0.2				
	SEMI-VOLATILE COMPOUNDS					
D023	o-CRESOL	200.0				
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
	PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☑ NONE
< 1000 PPM
>= 1000 PPM

PCBs

☑ NONE
< 50 PPM
>=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	☑ OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	NONE OF THE ABOVE

F. REGULATORY STATUS

☑ YES NO USEPA HAZARDOUS WASTE?
D001 D005 D006 D007 D008 D011 D035

☑ YES NO DO ANY STATE WASTE CODES APPLY?
331 342
Texas Waste Code *outs209h*

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
LDR CATEGORY: *This is subject to LDR.*
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES ☑ NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

☑ YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

☑ YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES ☑ NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:
UN1263, WASTE PAINT, 3, PG II

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

☑ **CONTAINERIZED**
1-5 CONTAINERS/SHIPMENT
STORAGE CAPACITY: *5*
CONTAINER TYPE:
CUBIC YARD BOX PALLET
TOTE TANK ☑ DRUM
OTHER:
DRUM SIZE: *55*

BULK LIQUID
GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID
SHIPMENT UOM: TON YARD
TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

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Addendum

D. COMPOSITION

CHEMICAL	MIN	--	MAX	UOM
TITANIUM DIOXIDE	0.000000	--	25.0000	%
	00		000	
TOLUENE	0.000000	--	15.0000	%
	00		000	
XYLENE	0.000000	--	15.0000	%
	00		000	

CleanHarbors Clean Harbors Profile No. CH983446

F. REGULATORY STATUS

☑ YES NO USEPA HAZARDOUS WASTE?

D001 D005 D006 D007 D008 D011 D035

☑ YES NO DO ANY STATE WASTE CODES APPLY?

331 342

Texas Waste Code *outs209h*

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

☑ YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *This is subject to LDR.*
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

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YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

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YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1263, WASTE PAINT, 3, PG II

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER *Other*

CONTAINERIZED	BULK LIQUID	BULK SOLID
☑ CONTAINERIZED *1-5* CONTAINERS/SHIPMENT STORAGE CAPACITY: *5* CONTAINER TYPE: CUBIC YARD BOX PALLET TOTE TANK ☑ DRUM OTHER: DRUM SIZE: *55*	GALLONS/SHIPMENT: *0 Min -0 Max* GAL.	SHIPMENT UOM: TON YARD TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

[signature] Nathan T Munkey As Agent for [signature] 6 May 2015

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*40 CFR Sec. 264.12 required notice:

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WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH983449

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # *NYR000215962* GENERATOR NAME: *Former Fallside Hotel Site*

GENERATOR CODE (Assigned by Clean Harbors) *FO21447* CITY *Niagara Falls* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14304*

ADDRESS *401 Buffalo Avenue* PHONE: *(716) 236-7510*

CUSTOMER CODE (Assigned by Clean Harbors) *AD000015* CUSTOMER NAME: *Advanced Waste Solutions Incorporated*

ADDRESS *519 Mill Street* CITY *Lockport* STATE/PROVINCE *NY* ZIP/POSTAL CODE *14094*

B. WASTE DESCRIPTION

WASTE DESCRIPTION: *LATEX PAINT IN CANS*

PROCESS GENERATING WASTE: **Unused paint collected for disposal**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **Yes**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE

- SOLID WITHOUT FREE LIQUID
- POWDER
- MONOLITHIC SOLID
- [x] LIQUID WITH NO SOLIDS
- LIQUID/SOLID MIXTURE
  - % FREE LIQUID *50.00 - 50.00*
  - % SETTLED SOLID *50.00 - 50.00*
  - % TOTAL SUSPENDED SOLID *25.00 - 50.00*
- SLUDGE
- GAS/AEROSOL

NUMBER OF PHASES/LAYERS

[x] 1 2 3

% BY VOLUME (Approx.)

TOP *0.00*

MIDDLE *0.00*

BOTTOM *0.00*

VISCOSITY (If liquid present)

- 1 - 100 (e.g. Water)
- [x] 101 - 500 (e.g. Motor Oil)
- 501 - 10,000 (e.g. Molasses)
- > 10,000

COLOR

varies

ODOR

- NONE
- [x] MILD
- STRONG

Describe:

BOILING POINT °F (°C)

- <= 95 (<=35)
- 95 - 100 (35-38)
- 101 - 129 (38-54)
- [x] >= 130 (>54)

MELTING POINT °F (°C)

- < 140 (<60)
- 140-200 (60-93)
- [x] > 200 (>93)

TOTAL ORGANIC CARBON

- <= 1%
- 1-9%
- [x] >= 10%

FLASH POINT °F (°C)

- < 73 (<23)
- 73 - 100 (23-38)
- 101 -140 (38-60)
- 141 -200 (60-93)
- [x] > 200 (>93)

pH

- <= 2
- 2.1 - 6.9
- [x] 7 (Neutral)
- 7.1 - 12.4
- >= 12.5

SPECIFIC GRAVITY

- < 0.8 (e.g. Gasoline)
- 0.8-1.0 (e.g. Ethanol)
- 1.0 (e.g. Water)
- [x] 1.0-1.2 (e.g. Antifreeze)
- > 1.2 (e.g. Methylene Chloride)

ASH

- < 0.1
- 0.1 - 1.0
- 1.1 - 5.0
- [x] 5.1 - 20.0
- > 20
- Unknown

BTU/LB (MJ/kg)

- < 2,000 (<4.6)
- [x] 2,000-5,000 (4.6-11.6)
- 5,000-10,000 (11.6-23.2)
- > 10,000 (>23.2)

Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
LATEX PAINT IN CANS	100.0000000	--	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES [x] NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES [x] NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES [x] NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. *G11* SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. *W209*

E. CONSTITUENTS

Are these values based on testing or knowledge? ☑ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Labels

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				☑
D005	BARIUM	100.0				☑
D006	CADMIUM	1.0				☑
D007	CHROMIUM	5.0				☑
D008	LEAD	5.0				☑
D009	MERCURY	0.2				☑
D010	SELENIUM	1.0				☑
D011	SILVER	5.0				☑
	VOLATILE COMPOUNDS					
D018	BENZENE	0.5				
D019	CARBON TETRACHLORIDE	0.5				
D021	CHLOROBENZENE	100.0				
D022	CHLOROFORM	6.0				
D028	1,2-DICHLOROETHANE	0.5				
D029	1,1-DICHLOROETHYLENE	0.7				
D035	METHYL ETHYL KETONE	200.0				
D039	TETRACHLOROETHYLENE	0.7				
D040	TRICHLOROETHYLENE	0.5				
D043	VINYL CHLORIDE	0.2				
	SEMI-VOLATILE COMPOUNDS					
D023	o-CRESOL	200.0				
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
	PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			☑
CHLORINE			☑
FLUORINE			☑
IODINE			☑
SULFUR			☑
POTASSIUM			☑
SODIUM			☑
AMMONIA			☑
CYANIDE AMENABLE			☑
CYANIDE REACTIVE			☑
CYANIDE TOTAL			☑
SULFIDE REACTIVE			☑

HOCs

☑ NONE
< 1000 PPM
>= 1000 PPM

PCBs

☑ NONE
< 50 PPM
>=50 PPM

IF PCBS ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES ☑ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☑ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	☑ NONE OF THE ABOVE

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

029L 291 7777 CR04 MA99

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES ☑ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Not subject to LDR*
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES ☑ NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? ____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL, (LATEX PAINTS)

NON RCRA HAZARDOUS WASTE LIQUIDS, (LATEX PAINTS)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER

☑ **CONTAINERIZED**

1-5 CONTAINERS/SHIPMENT

STORAGE CAPACITY: *5*

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: *55*

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

This waste profile has been submitted using Clean Harbors' electronic signature system.

CleanHarbors

Clean Harbors Profile No. CH983449

F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

029L 291 7777 CR04 MA99

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES ☑ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: *Not subject to LDR*

VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

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YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL, (LATEX PAINTS)

NON RCRA HAZARDOUS WASTE LIQUIDS, (LATEX PAINTS)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY ☑ MONTHLY QUARTERLY YEARLY OTHER

☑ CONTAINERIZED

1-5 CONTAINERS/SHIPMENT

STORAGE CAPACITY: *5*

CONTAINER TYPE:

CUBIC YARD BOX PALLET

TOTE TANK ☑ DRUM

OTHER:

DRUM SIZE: *55*

BULK LIQUID

GALLONS/SHIPMENT: *0 Min -0 Max* GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: *0 Min - 0 Max*

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge.I also certify that any samples submitted are representative of the actual waste.If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE NAME (PRINT) Nathan Munkey TITLE Assistant Dir DATE 6 May 2015

This waste profile has been submitted using Clean Harbors' electronic signature system.

WASTE MANAGEMENT

EZ Profile™

Requested Facility: CWM ☐ Unsure Profile Number: _____

☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Merani Hospitality, Inc.
2. Site Address: 401 Buffalo Avenue
   (City, State, ZIP) Niagara Falls, NY 14304
3. County: Niagara
4. Contact Name: Faisal Merani
5. Email: faisal@meranico.com
6. Phone: 716-236-7510 7. Fax: _____
8. Generator EPA ID: NYR000215962 ☐ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: TurnKey Environmental Restoration, LLC
2. Billing Address: 2558 Hamburg Turnpike
   (City, State, ZIP) Lackawanna NY 14218
3. Contact Name: Michael Lesakowski/Nathan Munley
4. Email: nmunley@turnkeyllc.com
5. Phone: 716-856-0635 6. Fax: 716-856-0583
7. WM Hauled? ☑ Yes ☐ No
8. P.O. Number: _____
9. Payment Method: ☑ Credit Account ☐ Cash ☐ Credit Card

C. MATERIAL INFORMATION

1. Common Name: PCB waste
   Describe Process Generating Material: ☐ See Attached

   Remediation of transformer vandalism/spill under the BCP Site No. C932164

2. Material Composition and Contaminants: ☐ See Attached

1. PCB impacted concrete (> 500 ppm)	0-100
2. PCB impacted soil/fill (> 500 ppm)	0-100
3. PCB impacted soil/fill (50-500 ppm)	0-100
4.	
Total composition must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ ☐ N/A
4. Color: _____
5. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A
7. pH: _____ to _____ ☑ N/A
8. Strong Odor: ☐ Yes ☐ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°–199°F ☐ ≥200° ☑ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ☑ Yes ☐ No
   Code: B007
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☑ No
5. From an industry regulated under Benzene NESHAP? ☐ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ☐ No
   a. Regulated by 40 CFR 761? ☑ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☑ No
   c. Were PCB imported into the US? ☐ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☑ No
11. Contains Asbestos? ☐ Yes ☑ No
    → If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☑ Yes
   Please identify applicable samples and/or lab reports:

   L1426736

2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 100 tons
   ☐ Tons ☐ Yards ☐ Drums ☐ Gallons ☑ Other: _____
3. Container Type and Size: Roll-off / Dump Truck
4. USDOT Proper Shipping Name: ☑ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 – Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Faisal Merani Date: _____

Title: President

Company: Merani Hospitality, Inc.

Certification Signature

THINK GREEN.®

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Revised September 12, 2014

WASTE MANAGEMENT

EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: _____

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

Remedial measures related to transformer spill under the NYS BCP (C932164)

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5. PCB Impacted Concrete (>500 ppm)	0-100
6. PCB Impacted soil/fill (>500 ppm, and 50-500 ppm)	0-100
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:
   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? ❑ Yes ❑ No
   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. ❑ Yes ❑ No
   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? ❑ Yes ❑ No
      → If Yes, please check **one** of the following:
      ❑ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
      ❑ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.
2. State Hazardous Waste → Please list all state waste codes: TSCA PCB (B007)
3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
   ❑ Delisted Hazardous Waste ❑ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
   ❑ Treated Hazardous Waste Debris ❑ Treated Characteristic Hazardous Waste → If checked, complete question 4.
4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:
5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. ❑ Yes ❑ No
   b. Does this material contain benzene? ❑ Yes ❑ No
      1. If yes, what is the flow weighted average concentration? _____ ppmw
   c. What is your facility's current total annual benzene quantity in Megagrams? ❑ <1 Mg ❑ 1-9.99 Mg ❑ ≥10 Mg
   d. Is this waste soil from a remediation? ❑ Yes ❑ No
      1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
   e. Does the waste contain >10% water/moisture? ❑ Yes ❑ No
   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? ❑ Yes ❑ No
   g. Is material exempt from controls in accordance with 40 CFR 61.342? ❑ Yes ❑ No
      → If yes, specify exemption: _____
   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? ❑ Yes ❑ No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? ❑ Yes ❑ No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

CONFIRMATION LETTER

July 10, 2015

Mike Lesakowski/Nate Munley
TURNKEY ENVIRONMENTAL RESTORAT
2558 HAMBURG TURNPIKE
SUITE 300
LACKAWANNA, NY 14218

Re: Confirmation Number 5656940

Attention: Mike Lesakowski/Nate Munley

We are pleased to confirm CWM's approval of your waste material as described below. The attached profile for the waste materials was prepared by CWM based upon information provided by you. It is important that no changes be made to the profile without CWM's consent. If the profile meets with your approval, please call 1-716-286-1550 to schedule shipment of your waste materials.

CWM Profile Number:	NY305749 MDC
Approved Mgmt. Facility:	CWM MODEL CITY FACILITY or another CWM or CWM approved facility
Waste Name:	PCB WASTE - SOIL AND DEBRIS
Disposal Method:	TSCA Landfill.
Disposal Price:	- $125.00 per ton with a 10 ton minimum per load
Taxes:	- Town Tax @ 6.0 % of Disposal
Transportation Price:	- $450.00 per trip + 25.0 % Fuel Surcharge - Varies Weekly - $400.00 per spot + 25.0 % Fuel Surcharge - Varies Weekly - Rental @ $15.00 per day - Liners @ $75.00 each
Demurrage:	- $95.00 per hour after 30 free minutes of loading Miscellaneous Charges: - Incidental Liquid in Bulk Solid Loads= $800.00 per load - Leaking Bulk Loads= $200.00 per load
Profile Expiration Date:	9/30/15

July 10, 2015

Re: Confirmation Number 5656940, CWMI Profile Number NY305749 MDC

Special Conditions:

- Shipment of PCB material must meet the manifest requirements outlined by the USEPA in 40 CFR 761.207.
- Waste must not contain any free liquid or solidified liquids with PCBs > 50 ppm.
- Waste profile sheet numbers must appear on manifests
- No demurrage will be paid by CWM Chemical Serv.,Inc. for delays at Model City for on-site acceptance procedures when generator/customer arranges their own transportation.
- Special Land Disposal Notification and Certification Form must be properly executed and accompany first shipment of this waste.
- CWM Chemical Servies, L.L.C. (CWM) has all the necessary permits and licenses and is authorized for the management of the waste that has been characterized and identified by this profile.
- CWM has determined based on information provided that this waste stream does require Subpart CC controls. This determination is based on regulations contained in 40 CFR 264.1080-1090 and 265.1080-1090. If you do not agree with the above determination, please contact the Model City facility prior to your planned shipment.
- Must be in DOT specification packaging authorized for use with this waste.
- CWM Chemical Services Model City has limited landfill capacity due to ongoing project committments and the sequencing of the current fill progression plan. Acceptance of any or all of this profiled material wil be based on available capacity at the time of scheduling shipment.

Applicable state and local taxes are not included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by CWM upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if 'Signature on File' does not appear on the signature line of the Waste Profile Sheet, please sign and return it before scheduling your material.

July 10, 2015

Re: Confirmation Number 5656940, CWMI Profile Number NY305749 MDC

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

David Porter
Chemical Waste Management, Inc

Date Printed: 07/10/15 Chemical Waste Management, Inc. Profile #

GENERATOR'S WASTE PROFILE SHEET MDC NY305749

(_) Check here if this is a Recertification LOCATION OF ORIGINAL CWM MODEL CITY FACILITY

A/B WASTE GENERATOR AND CUSTOMER INFORMATION

1. Generator Name: MERANI HOSPITALITY
Generator USEPA ID: NYR000215962

2. Generator Address: 401 BUFFALO AVE
NIAGARA FALLS NY 14304

Billing Address: TURNKEY ENVIRONMENTAL RESTORAT
(_) Same
2558 HAMBURG TURNPIKE
SUITE 300
LACKAWANNA NY 14218

3. Technical Contact/Phone:

4. Alternate Contact/Phone:

Billing Contact/Phone:

C. WASTE STREAM INFORMATION

1a Process Generating Waste: REMEDIATION OF TRANSFORMER VANDALISM/SPILL UNDER BCP C 932164
1b Waste Name: PCB WASTE - SOIL AND DEBRIS
1c Color :
1d Strong Odor: (_); describe:
1e Physical State @ 70F: Solid(X) Liquid(_) Both(_) Gas(_) If Single Layer (X) Multilayer (_)
1g Free liq. range: ___ to ___% Gravity: _____ to _____ Viscosity: ___ BTU/lb: _____ to _____
1h pH: Range .0 or Not applicable (X)
1i Liquid Flash Point: < 73F (_) 73-99F (_) 100-139F (_) 140-199F (_) >= 200F (_) N.A. (X) Closed Cup (X) Open Cup (_)

2a Is this a USEPA hazardous waste (40 CFR Part 261)? Yes (_) No (X)
2a Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U):
State Waste Codes: B007
2b Do underlying hazardous constituents (UHCs) apply (40CFR268.48)? (_)
2d Is the waste predominantly debris subject to the Alternate Debris Standards (40 CFR268.45)? (_)
2e Is the waste predominantly soil subject to the Alternate Soil Treatment Standards (40 CFR268.49)? (_)
2f Does the waste contain asbestos? (_) If yes, is waste Friable(_) Non-Friable(_) or Both(_)
2g Waste contains benzene in concentrations _ _____ ppm. NESHAP? (_)
2h Is waste remediation from a major source of Haz Air Pollutants (Site Remediation NESHAP, 40CFR 63 subpart GGGGG)? (N)
If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? (_)
2i Waste contains PCBs (< >) ≥ 500 ppm, regulated by 40 CFR 761? (Y)
Are PCBs regulated under SIRS Mega Rule (40 CFR 761,61(a)? (N)

2j CHEMICAL COMPOSITION: List ALL constituents (incl. halogenated organics) present in any concentration and forward analysis

Constituents	Range	Unit Description
SOIL	0 to 100	%
CONCRETE	0 to 100	%
	to	
	to	
	to	
	to	
TOTAL COMPOSITION (MUST EQUAL OR EXCEED 100%):	200.000000	

2k Is the waste: Pyrophoric (_) Water-Reactive (_) Shock Sensitive (_) Oxidizer (_) Carcinogen (_) Infectious (_)
Other
2l Is waste Group 1 wastewater or residual under Hazardous Organic NESHAP? (_)
2m Does the waste contain radioactive material? (N) Regulated by NRC? (_) Is radioactive waste NORM? (_)
2n Is the waste a CERCLA (40 CFR 300, Appendx B) or state mandated cleanup? (N)

3a This is a Nonwastewater.
3e Physical Appearance: SOIL AND CONCRETE
3f If waste subject to the land ban & meets treatment standards, check here: (N) & supply analytical results where applicable.
3g Tracking Number: 5656940

D. DOT Information and Shipping Volume

D1 Anticipated Annual Volume: 100 Units: TONS Shipping Frequency: ONE TIME
D2 PACKAGING: Bulk Solid (X) Bulk Liquid (_) Drum (_) Type/Size: ROLLOFF Other

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification.

Signature on original profile NY305749 (Signature)
FAISAL MERANI (Name and Title)
(Date)

Date Printed 07/10/15

Profile #
MDC NY305749

Identify ALL Characteristic and Listed USEPA hazardous waste numbers that apply (as defined by 40 CFR 261). For each waste number, identify the subcategory (as applicable, check none, or write in the description from 40 CFR 268.41, 268.42, and 268.43).

REF #	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGORY Enter the subcategory description. If not applicable, simply check none		C. APPLICABLE TREATMENT STANDARDS			D. HOW MUST THE WASTE BE MANAGED?
				PERFORMANCE-BASED: Check as applicable		SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42 table 1 treatment code(s)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	Enter letter from below
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Management under the land disposal restrictions:

A. RESTRICTED WASTE REQUIRES TREATMENT

A.1 RESTRICTED WASTE REQUIRES TREATMENT TO ALTERNATE SOIL STANDARDS

B.1 RESTRICTED WASTE TREATED TO 268.40 STANDARDS

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UHCS

B.5 RESTRICTED WASTES TREATED TO ALTERNATE SOIL STANDARD

B.6 RESTRICTED WASTES TREATED TO ALTERNATE DEBRIS STANDARD

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

E. NOT CURRENTLY SUBJECT TO LAND DISPOSAL RESTRICTIONS

Date Printed 07/10/15

Profile #
MDC NY305749

E. TRANSPORTATION INFORMATION

a. Is this a DOT Hazardous Material? Yes X No _

b. Proper Shipping Name. . . . . .: RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID MIXTU

RE

and Additional Description if required:

c. DOT Regulations: United Nations Hazard Class: 9 Misc.Hazardous Mat'l I.D. UN3432 Packing Group: III
2nd Haz Cls : ___

c. CERCLA Reportable Quantity (RQ) and units (Lb, Kg):

e. Non-Bulk code 213 Bulk code 240

f. Special Provisions 9 81 140 IB8 T3 +++ See DOT Regs for more info

g. Labels Required CLASS 9

F. SPECIAL HANDLING INFORMATION

_ Material Safety Data Sheets Attached

G. OTHER INFORMATION

H. CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

August 5, 2015

Re: Confirmation Number 5657370, CWMI Profile Number NY305807 MDC

Special Conditions:

- Waste profile sheet number must appear on manifest and drums.
- No demurrage will be paid by CWM Chemical Services, Inc. for delays at Model City for on-site acceptance procedures when generator/customer arranges their own transportation.
- Special Land Disposal Notification and Certification Form must be properly executed and accompany 1st shipment of this waste.
- Drummed waste must be properly marked with the profile number and bear only the appropriate labeling under RCRA and/or TSCA provisions.
- Shipment of PCB material must meet the manifest requirements outlined by the USEPA in 40 CFR 761.207.
- Out of Service Dates must be on containers.
- CWM Chemical Servies, L.L.C. (CWM) has all the necessary permits and licenses and is authorized for the management of the waste that has been characterized and identified by this profile.
- If EPA codes change, a profile modification must be completed and new LDR submitted.
- Material for Port Arthur must meet debris size restrictions (wood 6"x6"x3', cement etc 6"x6"x6", metal max thickness 1/8" x 2')
- Must be in DOT specification packaging authorized for use with this waste.
- Drums received having an out of service date greater than 06 months may be redirected to an alternate facility to facilitate disposal. Additional charges may be applied.

Applicable state and local taxes are not included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by CWM upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if 'Signature on File' does not appear on the signature line of the Waste Profile Sheet, please sign and return it before scheduling your material.

August 5, 2015

Re: Confirmation Number 5657370, CWMI Profile Number NY305807 MDC

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

David Porter
Chemical Waste Management, Inc

WASTE MANAGEMENT

Profile Amendment Request

Nathan Munkey hereby requests an amendment to WMI profile #: NY305749
(Contact Name)

to include the following: As Agent for Meraki Hospitality

Amendment Type: ☐ One Time Only Request (Event) ☐ Permanent Addition to Profile (Base)

☐ Additional Analytical/MSDS to be added to profile (see attached)

☐ Volume Increase (specify volume) _____ ☐ Tons ☐ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify) _____

☐ Constituent(s) to be added and/or modify current range in chemical composition:

Chemicals or constituents to be added/modify	Low	High	Units

☐ Change current ranges on profile (specify below)

pH Range ____ to ____ Free Liquid Range ____ to ____

☒ Other (specify)
- Containment Plastic
- PPE

GENERATOR CERTIFICATION

By signing this form, the Generator hereby certifies:
The information provided in this document, the referenced Waste Management Generator's Waste Profile Sheet, and all other referenced documents contain true and accurate descriptions of the waste material. All information regarding known or suspected hazards in the possession of the Generator has been disclosed.

Generator/Customer Signature: _____ As Agent for Meraki Hospitality Date: 10 July 2015

Company Name: Turnkey Environmental Restoration, LLC

Name (Print): Nathan Munkey Title: _____

FOR WASTE MANAGEMENT USE ONLY

Submitted By: _____ (W.M. Initials) Date: _____ Time: _____

WM Approval: _____ Date: _____

Agency Approval Required: ☐ Yes ☐ No

☐ Profile Extension
- Original Approval Date _____
- Requested Extension _____
- New Approval Date _____

☐ Analytical Extension
- Analytical Due Date _____
- Requested Extension _____
- New Analytical Due Date _____

Conditions/Precautions: _____

WASTE MANAGEMENT

Profile Amendment Request

Nathan Monley hereby requests an amendment to WMI profile #: NV3057419
(Contact Name)

to include the following: As Agent for Mecini Hospitality

Amendment Type: ☐ One Time Only Request (Event) ☐ Permanent Addition to Profile (Base)

☐ Additional Analytical/MSDS to be added to profile (see attached)

☐ Volume Increase (specify volume) _____ ☐ Tons ☐ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify) _____

☐ Constituent(s) to be added and/or modify current range in chemical composition:

Chemicals or constituents to be added/modify	Low	High	Units

☐ Change current ranges on profile (specify below)

pH Range ____ to ____ Free Liquid Range ____ to ____

☒ Other (specify) PCB-contaminated debris (wood, plastic, metal) 0-10%

GENERATOR CERTIFICATION

By signing this form, the Generator hereby certifies:
The information provided in this document, the referenced Waste Management Generator's Waste Profile Sheet, and all other referenced documents contain true and accurate descriptions of the waste material. All information regarding known or suspected hazards in the possession of the Generator has been disclosed.

Generator/Customer Signature: [signature] As Agent for Mecini Hospitality Date: 21 July 2015

Company Name: Turnkey Environmental Restoration, LLC

Name (Print): Nathan Monley Title: _____

FOR WASTE MANAGEMENT USE ONLY

Submitted By: _____ (W.M. Initials) Date: _____ Time: _____

WM Approval: _____ Date: _____

Agency Approval Required: ☐ Yes ☐ No

☐ Profile Extension
- Original Approval Date _____
- Requested Extension _____
- New Approval Date _____

☐ Analytical Extension
- Analytical Due Date _____
- Requested Extension _____
- New Analytical Due Date _____

Conditions/Precautions: _____

WASTE MANAGEMENT

EZ Profile™

Requested Facility: CWM ☐ Unsure Profile Number: _____

☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Merani Hospitality, Inc.
2. Site Address: 401 Buffalo Avenue
   (City, State, ZIP) Niagara Falls, NY 14304
3. County: Niagara
4. Contact Name: Faisal Merani
5. Email: faisal@meranico.com
6. Phone: 716-236-7510 7. Fax: _____
8. Generator EPA ID: NYR000215962 ☐ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: TurnKey Environmental Restoration, LLC
2. Billing Address: 2558 Hamburg Turnpike
   (City, State, ZIP) Lackawanna NY 14218
3. Contact Name: Michael Lesakowski/Nathan Munley
4. Email: nmunley@turnkeyllc.com
5. Phone: 716-856-0635 6. Fax: 716-856-0583
7. WM Hauled? ☑ Yes ☐ No
8. P.O. Number: _____
9. Payment Method: ☑ Credit Account ☐ Cash ☐ Credit Card

C. MATERIAL INFORMATION

1. Common Name: PCB waste (rags-PPE)
   Describe Process Generating Material: ☐ See Attached

   Remediation of transformer vandalism/spill under the BCP Site No. C932164

2. Material Composition and Contaminants: ☐ See Attached

1. PCB impacted rags/sorbent pads	0-80
2. PCB impacted PPE	0-20
3. PCB impacted plastic	0-20
4. PCB-decon cleaner	0-5
Total composition must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ ☐ N/A
4. Color: _____
5. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A
7. pH: _____ to _____ ☑ N/A
8. Strong Odor: ☐ Yes ☐ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°-199°F ☐ ≥200° ☑ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ☑ Yes ☐ No
   Code: B007
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☑ No
5. From an industry regulated under Benzene NESHAP? ☐ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☑ No
8. NRC or State regulated radioactive or NORM waste? ☐ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ☐ No
   a. Regulated by 40 CFR 761? ☑ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☑ No
   c. Were PCB imported into the US? ☐ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☑ No
11. Contains Asbestos? ☐ Yes ☑ No
    → If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☐ Yes
   Please identify applicable samples and/or lab reports:
2. Other information attached (such as MSDS)? ☑ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 1
   ☐ Tons ☐ Yards ☑ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: _____
4. USDOT Proper Shipping Name: ☑ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

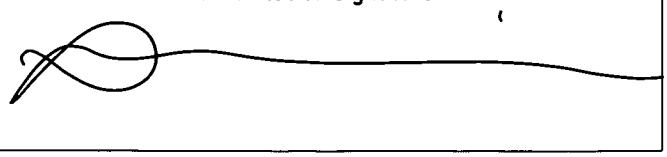
If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Faisal Merani Date: _____

Title: President

Company: Merani Hospitality, Inc.

Certification Signature



THINK GREEN.®

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Revised September 12, 2014

WASTE MANAGEMENT

EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: _____

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

Remedial measures related to transformer spill under the NYS BCP (C932164)

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:
   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? ☐ Yes ☐ No
   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. ☐ Yes ☐ No
   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? ☐ Yes ☐ No
      → If Yes, please check **one** of the following:
      ☐ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
      ☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.
2. State Hazardous Waste → Please list all state waste codes: TSCA PCB (B007)
3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
   ☐ Delisted Hazardous Waste ☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
   ☐ Treated Hazardous Waste Debris ☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.
4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:
5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by product recovery plants, and TSDFs.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. ☐ Yes ☐ No
   b. Does this material contain benzene? ☐ Yes ☐ No
      1. If yes, what is the flow weighted average concentration? _____ ppmw
   c. What is your facility's current total annual benzene quantity in Megagrams? ☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg
   d. Is this waste soil from a remediation? ☐ Yes ☐ No
      1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
   e. Does the waste contain >10% water/moisture? ☐ Yes ☐ No
   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? ☐ Yes ☐ No
   g. Is material exempt from controls in accordance with 40 CFR 61.342? ☐ Yes ☐ No
      → If yes, specify exemption: _____
   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? ☐ Yes ☐ No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

Revised September 12, 2014

CONFIRMATION LETTER

August 5, 2015

Mike Lesakowski/Nate Munley
TURNKEY ENVIRONMENTAL RESTORAT
2558 HAMBURG TURNPIKE
SUITE 300
LACKAWANNA, NY 14218

Re: Confirmation Number 5657370

Attention: Mike Lesakowski/Nate Munley

We are pleased to confirm CWM's approval of your waste material as described below. The attached profile for the waste materials was prepared by CWM based upon information provided by you. It is important that no changes be made to the profile without CWM's consent. If the profile meets with your approval, please call 1-716-286-1550 to schedule shipment of your waste materials.

CWM Profile Number:	NY305807 MDC
Approved Mgmt. Facility:	CWM MODEL CITY FACILITY or another CWM or CWM approved facility
Waste Name:	DEBRIS WITH PCBS
Disposal Method:	Bulk at Model City for Incineration at Port Arthur
Disposal Price:	- $1.15 per pound with a $345.00 minimum per drum
Taxes:	- Do not apply
Transportation Price:	- $400.00 per trip + 22.0 % Fuel Surcharge - Varies Weekly
Demurrage:	- $85.00 per hour after two free hours of loading
Pricing Conditions:	- Maximum 500 pounds per 55 gallon steel drum or other drum containers sent to Model City for shredding and incineration. - Surcharge for drums without profile marked on the drum $20/each. - Discrepant drum charge $3/drum per day after 14 days from notification. - Drum resample fee - $25/drum.
Profile Expiration Date:	7/29/16

Date Printed: 08/05/15 Chemical Waste Management, Inc. Profile #

GENERATOR'S WASTE PROFILE SHEET MDC NY305807

(_) Check here if this is a Recertification LOCATION OF ORIGINAL CWM MODEL CITY FACILITY

A/B WASTE GENERATOR AND CUSTOMER INFORMATION

1. Generator Name: MERANI HOSPITALITY
Generator USEPA ID: NYR000215962

2. Generator Address: 401 BUFFALO AVE
NIAGARA FALLS NY 14304

Billing Address: TURNKEY ENVIRONMENTAL RESTORAT
(_) Same
2558 HAMBURG TURNPIKE
SUITE 300
LACKAWANNA NY 14218

3. Technical Contact/Phone:

4. Alternate Contact/Phone:

Billing Contact/Phone:

C. WASTE STREAM INFORMATION

1a Process Generating Waste: REMEDIATION OF TRANSFORMER VANDALISM/SPILL
1b Waste Name: DEBRIS WITH PCBS
1c Color :
1d Strong Odor: (_); describe:
1e Physical State @ 70F: Solid(X) Liquid(_) Both(_) Gas(_) 1f Single Layer (X) Multilayer (_)
1g Free liq. range: ___ to ___% Gravity: _____ to _____ Viscosity: ___ BTU/lb: _____ to _____
1h pH: Range 7.0 to 12.5 or Not applicable (X)
1i Liquid Flash Point: < 73F (_) 73-99F (_) 100-139F (_) 140-199F (_) >= 200F (_) N.A. (X) Closed Cup (X) Open Cup (_)

2a Is this a USEPA hazardous waste (40 CFR Part 261)? Yes (_) No (X)
2a Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U):
State Waste Codes: B007
2b Do underlying hazardous constituents (UHCs) apply (40CFR268.48)? (_)
2d Is the waste predominantly debris subject to the Alternate Debris Standards(40 CFR268.45)? (_)
2e Is the waste predominantly soil subject to the Alternate Soil Treatment Standards(40 CFR268.49)? (_)
2f Does the waste contain asbestos? (_) If yes, is waste Friable(_) Non-Friable(_) or Both(_)
2g Waste contains benzene in concentrations _ _____ ppm. NESHAP?(_)
2h Is waste remediation from a major source of Haz Air Pollutants (Site Remediation NESHAP, 40CFR 63 subpart GGGGG)?(N)
If yes, does the waste contain <500 ppmw VOHAPs at the point of determination?(_)
2i Waste contains PCBs (< >) ≥ 50 ppm, regulated by 40 CFR 761?(Y)
Are PCBs regulated under SIRS Mega Rule (40 CFR 761,61(a)?(N)

2j CHEMICAL COMPOSITION: List ALL constituents (incl. halogenated organics) present in any concentration and forward analysis

Constituents	Range		Unit Description
DEBRIS		to	
RAGS/SORBENT PADS	0	to 80	%
PPE	0	to 20	%
PLASTIC	0	to 20	%
INERTS		to	
PIPE-X, METAL-X CLEANER	0	to 5	%
TOTAL COMPOSITION (MUST EQUAL OR EXCEED 100%):		125.000000	

2k Is the waste: Pyrophoric (_) Water-Reactive (_) Shock Sensitive (_) Oxidizer (_) Carcinogen (_) Infectious (_)
Other
2l Is waste Group 1 wastewater or residual under Hazardous Organic NESHAP?(_)
2m Does the waste contain radioactive material? (N) Regulated by NRC?(_) Is radioactive waste NORM?(_)
2n Is the waste a CERCLA (40 CFR 300, Appendx B) or state mandated cleanup?(N)

3a This is a Nonwastewater.
3e Physical Appearance: DEBRIS
3f If waste subject to the land ban & meets treatment standards, check here: (Y) & supply analytical results where applicable.
3g Tracking Number: 5657370

D. DOT Information and Shipping Volume

D1 Anticipated Annual Volume: 1 Units: 55 GALLON DRUM Shipping Frequency: ONE TIME
D2 PACKAGING: Bulk Solid (_) Bulk Liquid (_) Drum (X) Type/Size: 55 GALLON DRUM Other

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification.

Signature on original profile NY305807 (Signature)
FAISAL MERANI (Name and Title)
(Date)

Date Printed 08/05/15

Profile #
MDC NY305807

Identify ALL Characteristic and Listed USEPA hazardous waste numbers that apply (as defined by 40 CFR 261). For each waste number, identify the subcategory (as applicable, check none, or write in the description from 40 CFR 268.41, 268.42, and 268.43).

REP #	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGORY Enter the subcategory description. If not applicable, simply check none		C. APPLICABLE TREATMENT STANDARDS			D. HOW MUST THE WASTE BE MANAGED?
				PERFORMANCE-BASED: Check as applicable		SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42 table 1 treatment code(s)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Management under the land disposal restrictions:

A. RESTRICTED WASTE REQUIRES TREATMENT

A.1 RESTRICTED WASTE REQUIRES TREATMENT TO ALTERNATE SOIL STANDARDS

B.1 RESTRICTED WASTE TREATED TO 268.40 STANDARDS

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UHCS

B.5 RESTRICTED WASTES TREATED TO ALTERNATE SOIL STANDARD

B.6 RESTRICTED WASTES TREATED TO ALTERNATE DEBRIS STANDARD

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

E. NOT CURRENTLY SUBJECT TO LAND DISPOSAL RESTRICTIONS

Date Printed 08/05/15

Profile #
MDC NY305807

E. TRANSPORTATION INFORMATION

a. Is this a DOT Hazardous Material? Yes X No _

b. Proper Shipping Name. . . . . : RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID MIXTU

RE

and Additional Description if required: _____

c. DOT Regulations: United Nations Hazard Class: 9 Misc.Hazardous Mat'l I.D. UN3432 Packing Group: III
2nd Haz Cls : ____ _____

c. CERCLA Reportable Quantity (RQ) and units (Lb, Kg): _____

e. Non-Bulk code 213 Bulk code 240

f. Special Provisions 9 81 140 IB8 T3 +++ See DOT Regs for more info

g. Labels Required CLASS 9 _____ _____

F. SPECIAL HANDLING INFORMATION

_____

_____

_____

_____

_ Material Safety Data Sheets Attached

G. OTHER INFORMATION

_____

_____

_____

_____

_____

H. CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

WASTE MANAGEMENT

EZ Profile™

Requested Facility: CWM ☐ Unsure Profile Number: _____

☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Merani Hospitality, Inc.
2. Site Address: 401 Buffalo Avenue
   (City, State, ZIP) Niagara Falls, NY 14304
3. County: Niagara
4. Contact Name: Faisal Merani
5. Email: faisal@meranico.com
6. Phone: 716-236-7510 7. Fax: _____
8. Generator EPA ID: NYR000215962 ☐ N/A
9. State ID: _____ ☑ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: TurnKey Environmental Restoration, LLC
2. Billing Address: 2558 Hamburg Turnpike
   (City, State, ZIP) Lackawanna NY 14218
3. Contact Name: Michael Lesakowski/Nathan Munley
4. Email: nmunley@turnkeyllc.com
5. Phone: 716-856-0635 6. Fax: 716-856-0583
7. WM Hauled? ☑ Yes ☐ No
8. P.O. Number: _____
9. Payment Method: ☑ Credit Account ☐ Cash ☐ Credit Card

C. MATERIAL INFORMATION

1. Common Name: PCB waste
   Describe Process Generating Material: ☐ See Attached

   Remediation of transformer vandalism/spill under the BCP Site No. C932164

2. Material Composition and Contaminants: ☐ See Attached

1. Transformer housing/equipment (3)	>500 ppm
2.	
3.	
4.	
Total composition must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ ☐ N/A
4. Color: _____
5. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☑ N/A
7. pH: _____ to _____ ☑ N/A
8. Strong Odor: ☐ Yes ☐ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°–199°F ☐ ≥200° ☑ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☑ No
   Code: _____
2. State Hazardous Waste? ☑ Yes ☐ No
   Code: B006
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☑ No
5. From an industry regulated under Benzene NESHAP? ☐ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☑ Yes ☐ No
   a. Regulated by 40 CFR 761? ☑ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☑ No
   c. Were PCB imported into the US? ☐ Yes ☑ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☑ No
11. Contains Asbestos? ☐ Yes ☑ No
    → If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☑ Yes
   Please identify applicable samples and/or lab reports:

   L1426736

2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 3 transformers
   ☐ Tons ☐ Yards ☐ Drums ☐ Gallons ☑ Other: _____
3. Container Type and Size: Pallets (tsfs) and Drums (workings)
4. USDOT Proper Shipping Name: ☐ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Faisal Merani Date: _____

Title: President

Company: Merani Hospitality, Inc.

Certification Signature

THINK GREEN.®

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Revised September 12, 2014

WASTE MANAGEMENT

EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: _____

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

Remedial measures related to transformer spill under the NYS BCP (C932164)

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5. Transformer housing/equipment (3 transformer housings and interior electrical components)	> 500 ppm
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:
   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? ☐ Yes ☐ No
   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. ☐ Yes ☐ No
   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? ☐ Yes ☐ No
      → If Yes, please check **one** of the following:
      ☐ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
      ☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.
2. State Hazardous Waste → Please list all state waste codes: TSCA PCB (B006)
3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
   ☐ Delisted Hazardous Waste ☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
   ☐ Treated Hazardous Waste Debris ☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.
4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:
5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. ☐ Yes ☐ No
   b. Does this material contain benzene? ☐ Yes ☐ No
      1. If yes, what is the flow weighted average concentration? _____ ppmw
   c. What is your facility's current total annual benzene quantity in Megagrams? ☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg
   d. Is this waste soil from a remediation? ☐ Yes ☐ No
      1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
   e. Does the waste contain >10% water/moisture? ☐ Yes ☐ No
   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? ☐ Yes ☐ No
   g. Is material exempt from controls in accordance with 40 CFR 61.342? ☐ Yes ☐ No
      → If yes, specify exemption: _____
   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? ☐ Yes ☐ No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

WASTE MANAGEMENT

Additional Profile Information

Profile Number: _____

C. MATERIAL INFORMATION

Material Composition and Contaminants (Continued from page 2): If more space is needed, please attach additional pages.

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36.	
37.	
38.	
39.	
40.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers (Continued from page 2):

CONFIRMATION LETTER

July 10, 2015

Mike Lesakowski/Nate Munley
TURNKEY ENVIRONMENTAL RESTORAT
2558 HAMBURG TURNPIKE
SUITE 300
LACKAWANNA, NY 14218

Re: Confirmation Number 5656939

Attention: Mike Lesakowski/Nate Munley

We are pleased to confirm CWM's approval of your waste material as described below. The attached profile for the waste materials was prepared by CWM based upon information provided by you. It is important that no changes be made to the profile without CWM's consent. If the profile meets with your approval, please call 1-716-286-1550 to schedule shipment of your waste materials.

CWM Profile Number:	NY305750 MDC
Approved Mgmt. Facility:	CWM MODEL CITY FACILITY or another CWM or CWM approved facility
Waste Name:	PCB WASTE - TRANSFORMERS
Disposal Method:	Drained and flush liquids for incineration at Port Arthur. Landfill carcass at TSCA Landfill.
Disposal Price:	- $1.95 per pound with a $335.00 minimum per container
Taxes:	- Do not apply
Transportation Price:	- $400.00 per trip + 25.0 % Fuel Surcharge - Varies Weekly
Demurrage:	- $85.00 per hour after two free hours of loading
Pricing Conditions:	Miscellaneous Charges - Leaking Drums= $200.00 per drum - Surcharge for drums without profile marked on the drum $20/each. - Discrepant drum charge $3/drum per day after 14 days from notification.

July 10, 2015

Re: Confirmation Number 5656939, CWMI Profile Number NY305750 MDC

- Drum resample fee - $25/drum.

Profile Expiration Date: 6/22/16

Special Conditions:

- Waste profile sheet numbers must appear on manifests and drums.
- No demurrage will be paid by CWM Chemical Serv. Inc. for delays at Model City for on site acceptance procedures when generator/customer arranges their own transportation.
- Special Land Disposal Notification and Certification Form must be properly executed and accompany first shipment of this waste.
- Drummed waste must be properly marked with the profile number and bear only the appropriate labeling under RCRA and/or DOT provisions.
- Shipment of PCB material must meet the manifest requirements outlined by the USEPA in 40 CFR 761.207.
- Out of Service Dates must be on containers.
- CWM has determined based on information provided that this waste stream does require Subpart CC controls. This determination is based on regulations contained in 40 CFR 264.1080-1090 and 265.1080-1090. If you do not agree with the above determination, please contact the Model City facility prior to your planned shipment.
- CWM Chemical Servies, L.L.C. (CWM) has all the necessary permits and licenses and is authorized for the management of the waste that has been characterized and identified by this profile.
- Must be in DOT specification packaging authorized for use with this waste.

Applicable state and local taxes are not included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by CWM upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if 'Signature on File' does not appear on the signature line of the Waste Profile Sheet, please sign and return it before scheduling your material.

July 10, 2015

Re: Confirmation Number 5656939, CWMI Profile Number NY305750 MDC

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

David Porter
Chemical Waste Management, Inc

Date Printed: 07/10/15 Chemical Waste Management, Inc. Profile #

GENERATOR'S WASTE PROFILE SHEET MDC NY305750

(_) Check here if this is a Recertification LOCATION OF ORIGINAL CWM MODEL CITY FACILITY

A/B WASTE GENERATOR AND CUSTOMER INFORMATION

1. Generator Name: MERANI HOSPITALITY
Generator USEPA ID: NYR000215962

2. Generator Address: 401 BUFFALO AVE
NIAGARA FALLS NY 14304

Billing Address: TURNKEY ENVIRONMENTAL RESTORAT
(_) Same
2558 HAMBURG TURNPIKE
SUITE 300
LACKAWANNA NY 14218

3. Technical Contact/Phone:

4. Alternate Contact/Phone:

Billing Contact/Phone:

C. WASTE STREAM INFORMATION

1a Process Generating Waste: REMEDIATION OF TRANSFORMER VANDALISM/SPILL UNDER BCP C 932164
1b Waste Name: PCB WASTE - TRANSFORMERS
1c Color :
1d Strong Odor:(_);describe:
1e Physical State @ 70F: Solid(X) Liquid(_) Both(_) Gas(_) 1f Single Layer (X) Multilayer (_)
1g Free liq. range: ___ to ___% Gravity: _____ to _____ Viscosity: ___ BTU/lb: _____ to _____
1h pH: Range .0 or Not applicable (X)
1i Liquid Flash Point: < 73F (_) 73-99F (_) 100-139F (_) 140-199F (_) >= 200F (_) N.A. (X) Closed Cup (X) Open Cup (_)

2a Is this a USEPA hazardous waste (40 CFR Part 261)? Yes (_) No (X)
2a Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U):
State Waste Codes: B006
2b Do underlying hazardous constituents (UHCs) apply (40CFR268.48)?(_)
2d Is the waste predominantly debris subject to the Alternate Debris Standards(40 CFR268.45)? (_)
2e Is the waste predominantly soil subject to the Alternate Soil Treatment Standards(40 CFR268.49)? (_)
2f Does the waste contain asbestos? (_) If yes, is waste Friable(_) Non-Friable(_) or Both(_)
2g Waste contains benzene in concentrations _ _____ ppm. NESHAP?(_)
2h Is waste remediation from a major source of Haz Air Pollutants (Site Remediation NESHAP, 40CFR 63 subpart GGGGG)?(N)
If yes, does the waste contain <500 ppmw VOHAPs at the point of determination?(_)
2i Waste contains PCBs (< >) ≥ 500 ppm, regulated by 40 CFR 761?(Y)
Are PCBs regulated under SIRS Mega Rule (40 CFR 761,61(a)?(N)

2j CHEMICAL COMPOSITION: List ALL constituents (incl. halogenated organics) present in any concentration and forward analysis

Constituents	Range		Unit Description
TRANSFORMERS >500 PPM PCBS	100 to	100	%
COMMENTS	to		
THREE DRUMS OF COMPONENTS; THREE PALLETS OF GUTTED TANSFORMERS	to		
(VANDALISM)	to		
	to		
	to		
TOTAL COMPOSITION (MUST EQUAL OR EXCEED 100%):	100.000000		

2k Is the waste: Pyrophoric (_) Water-Reactive (_) Shock Sensitive (_) Oxidizer (_) Carcinogen (_) Infectious (_)
Other
2l Is waste Group 1 wastewater or residual under Hazardous Organic NESHAP?(_)
2m Does the waste contain radioactive material? (N) Regulated by NRC?(_) Is radioactive waste NORM?(_)
2n Is the waste a CERCLA (40 CFR 300, Appendx B) or state mandated cleanup?(N)

3a This is a Nonwastewater.
3e Physical Appearance: TRANSFORMERS AND WORKINGS
3f If waste subject to the land ban & meets treatment standards, check here: (N) & supply analytical results where applicable.
3g Tracking Number: 5656939

D. DOT Information and Shipping Volume

D1 Anticipated Annual Volume: 6 Units: OTHER Shipping Frequency: ONE TIME
D2 PACKAGING: Bulk Solid (_) Bulk Liquid (_) Drum (X) Type/Size: 55 GALLON DRUM Other

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification.

Signature on original profile NY305750 FAISAL MERANI
Signature Name and Title Date

Date Printed 07/10/15

Profile #
MDC NY305750

Identify ALL Characteristic and Listed USEPA hazardous waste numbers that apply (as defined by 40 CFR 261). For each waste number, identify the subcategory (as applicable, check none, or write in the description from 40 CFR 268.41, 268.42, and 268.43).

REF #	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGORY Enter the subcategory description. If not applicable, simply check none		C. APPLICABLE TREATMENT STANDARDS			D. HOW MUST THE WASTE BE MANAGED?
				PERFORMANCE-BASED: Check as applicable		SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42 table 1 treatment code(s)	Enter letter from below
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Management under the land disposal restrictions:

A. RESTRICTED WASTE REQUIRES TREATMENT

A.1 RESTRICTED WASTE REQUIRES TREATMENT TO ALTERNATE SOIL STANDARDS

B.1 RESTRICTED WASTE TREATED TO 268.40 STANDARDS

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UHCS

B.5 RESTRICTED WASTES TREATED TO ALTERNATE SOIL STANDARD

B.6 RESTRICTED WASTES TREATED TO ALTERNATE DEBRIS STANDARD

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

E. NOT CURRENTLY SUBJECT TO LAND DISPOSAL RESTRICTIONS

Date Printed 07/10/15

Profile #
MDC NY305750

E. TRANSPORTATION INFORMATION

a. Is this a DOT Hazardous Material? Yes X No _

b. Proper Shipping Name. . . . . .: RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID MIXTU

RE

and Additional Description if required:

c. DOT Regulations: United Nations Hazard Class: 9 Misc.Hazardous Mat'l I.D. UN3432 Packing Group: III
2nd Haz Cls : ___

c. CERCLA Reportable Quantity (RQ) and units (Lb, Kg):

e. Non-Bulk code 213 Bulk code 240

f. Special Provisions 9 81 140 IB8 T3 +++ See DOT Regs for more info

g. Labels Required CLASS 9

F. SPECIAL HANDLING INFORMATION

_ Material Safety Data Sheets Attached

G. OTHER INFORMATION

H. CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

LDR NOTIFICATION OR CERTIFICATION FORM
For New York Regulated PCB Waste

This form is required for wastes containing 50 ppm PCB or greater. The profiled waste on the manifest number indicated below is listed hazardous waste ("B-coded") in NY. Note: 50-500 ppm PCB drained articles and small capacitors (as defined in 40CFR761.3) are not regulated by NY State. Please complete items 1.- 8. and send with the first shipment of waste/profile.

1.) Generator Name MERANI HOSPITALITY

2.) Manifest Number 002733211 3.) CWM Profile# NY 305750

4.) Please check *all* boxes that apply.

NY Waste Code	Identity/Type of PCB Waste	
B001	☐ Concentrated PCB Oil	
B002	☐ Oil/liquid 50-499 ppm PCBs	
B003	☐ Oil/liquid 500 ppm or greater PCBs	
B004	Manufactured PCB Articles 50-499 ppm:	☐ transformers ☐ motors ☐ switches ☐ cable ☐ pumps ☐ pipe ☐ large capacitors ☐ bushings ☐ other (specify):
B005	Manufactured PCB Articles (other than transformers) 500 ppm or greater:	☐ motors ☐ switches ☐ cable ☐ pumps ☐ pipe ☐ large capacitors ☐ bushings ☐ other (specify):
B006	☑ PCB Transformers 500 ppm or greater	
B007	Other PCB Wastes:	☐ soil ☐ sludge ☐ clothing ☐ rags ☐ wood ☐ other (specify):

5.) Check *one* box as appropriate.

CERTIFICATION - WASTE MEETS LAND DISPOSAL TREATMENT STANDARDS

☐ I am the generator of the waste as identified above, that is restricted under 6 NYCRR Part 376. I have determined that this waste meets all applicable treatment standards set forth in 6 NYCRR 376 and, therefore, it can be landfilled without further treatment. Waste does not include solidified B002 material (liquid with PCBs 50-500ppm).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 6 NYCRR Part 376, section 376.4. and all applicable prohibitions set fort in 376.3(b) of part 376 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

NOTIFICATION – WASTE DOES NOT MEET LAND DISPOSAL TREATMENT STANDARDS

☑ I am the generator of a waste restricted under 6 NYCRR Part 376 as identified above. I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 6 NYCRR Part 376.4 (f). This waste must be treated to the applicable standards set forth in 6 NYCRR 376.4 (f) prior to land disposal.

6.) Signature Tasha Robinson Agent for Merani Hospitality, Inc.

7.) Title Josh Robinson Agent for Merani Hospitality 8.) Date 07/27/15

WASTE MANAGEMENT

Subpart CC
Air Controls Certification

Generator Name: Meiami Hospitality Profile Number: _____

Based on a January 21, 1999 technical correction in Sections 40 CFR 264.1083 and 265.1084 (waste determination) of the Subpart CC Organic Air Emissions regulations, a TSDF operating a waste treatment tank that is exempt from CC air controls must verify that each waste stream managed, continues to qualify as exempt (contains less than 500 ppm VOC's) every 12 months. Therefore, CWM requests that you complete the following questionnaire and sign the certification statement to update our records as required by this regulation.

NEW APPROVALS: Prior to placement into the exempt unit:

1 ☒ **Waste is determined to be "LDR Exempt"**, as defined in 265.1083(C)(4), and 265.1083(c)(4) provided all applicable organic treatment standards (including UHC's for D-coded characteristic wastes) are met or a Specified Technology is utilized.

2 ☐ **Waste does not qualify for a LDR Exemption.** The average VOC, at the point of origination of < 500 ppmw (40 CFR 265.1083(C)(1) and 265.1083(c)(1)), was based on an initial determination utilizing:

- ☐ Direct determination (analytical testing) in accordance with 40 CFR 264.1083(a)(2) or 265.1084(a)(3). (Attach a copy of the analysis.)
- ☐ Generator knowledge of the process, as defined in 40 CFR 265.1084(a)(2) and 265.1083(a)(4).

RECERT OF SUBPART CC:

3 As required by the above referenced regulation, a **CC determination was made for this 12 month averaging period** and the following concluded:

- ☐ The process producing this waste has not changed. Based on process knowledge, the waste contains <500 ppm VOC's, continues to be exempt and does not require Subpart CC air controls.
- ☐ Based on recent analytical testing in accordance with 40 CFR 264.1083 and 265.1083, the waste does not contain >500 ppm VOC's, continues to be exempt and does not require Subpart CC air controls. (Attach a copy of the analysis).
- ☐ The process generating the waste has changed and it has been determined that the waste is no longer exempt and CC controls are required.

4 ☐ Profile is no longer utilized and can be expired.

I certify that the above information is true based on my knowledge of the process generating the waste:

Name: (Print) Nathan Munley Title: As Agent for Manager Meiami Hospitality

Signature: _____ Date: 16 July 2015

Non-Hazardous WAM Approval

WASTE MANAGEMENT

Requested Management Facility: Mahoning Landfill

Profile Number: 493274OH Waste Approval Expiration Date: 04/22/2016

APPROVAL DETAILS

Approval Decision: ☑ Approved ☐ Not Approved Profile Renewal: ☐ Yes ☑ No

Management Method: Direct Landfill

Generator Name: Merani Hospitality, Inc

Material Name: Historical Fill

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

Generator Conditions

- Shipment must be scheduled into the disposal facility at least 24 hours in advance. Contact information will be provided by your TSR.
- Waste manifest or applicable shipping document must accompany load.
- The waste profile number must appear on the shipping papers.

Ra226 & Ra228 required with each container. An amendment form is to be completed identifying the applicable container numbers associated with each set of results.

WM Authorization Name: Cathy Hardy Title: Waste Approval Manager

WM Authorization Signature: Cathy Hardy Date: 04/22/2015

Agency Authorization (if Required): Date:

Austin Master Services
Radiological • Remediation • Engineering

CERTIFICATE OF RECEIPT AND POSSESION

Merani Hospitality Inc.
7001 Buffalo Ave
Niagara Falls, NY 14304

November 11, 2015

This document states and certifies that Austin Master Services, LLC (AMS) has received and has taken possession of 51 loads equal to 1180.13 tons TENORM waste generated from the Merani Buffalo Ave. Hotel project located at 402 Buffalo Ave Niagara Falls, NY. This waste is being packaged/transloaded for final disposition at AMS' Martins Ferry Facility located at 801 North First Street Martins Ferry, OH and will be shipped for final disposal to Energy Solution's low level waste disposal facility located in Clive, UT.

To date, AMS has packaged and shipped via rail 6 gondola rail cars totaling 642 tons of waste and will continue to ship the remaining 538.13 tons over the next 2 weeks until complete. Once remainder of the waste is shipped and disposed of, AMS will send out a final "Certificate of Disposal" produced by Energy Solutions stating that all waste generated from the Merani Buffalo Ave. project has been disposed of.

Jack Bement

Facility Manager
Austin Master Services LLC
801 North 1st Street
Martins Ferry, OH 43935

Attachments:
51 Non Hazardous Waste Manifests
51 Weight Tickets

AMERICAN RECYCLERS COMPANY
Waste Profile Report (WPR)

177 Wales Avenue Tonawanda, New York 14151 *Phone (716) 695-6720 Fax (716) 695-0161*	**APPROVAL NUMBER:** G-10106IN **EXPIRATION DATE:** **HANDLING CODE:** B

Generator: Merani Hospitality, Inc. EPA ID #:

Address: 401 Buffalo Avenue Contact: Nathan T. Munley

City Niagara Falls STATE: NY ZIP: 14304 Phone: 716-236-7510 Fax:

Waste Name: Hydraulic Oil and Water	Shipping Name: Non RCRA Non DOT Regulated
Generating Process: Drained oil from elevator unit	
	Rate of Generation: Yearly
	Container Type: 55 Gal Steel 1A1

Composition of Waste

	%		%
Hydralic Oil	75 - 95		
Dirt & Grit	1 - 2		
Water	5 - 25		

Phase %

Solids	
Liquid	
Sludge	
Debris	

Is the material RCRA listed or Characteristicly Hazardous?	☐ YES	☒ NO
Does the material contain Medical or Biological Wastes?	☐ YES	☒ NO
Does the material contain etiological waste?	☐ YES	☒ NO
Does the material contain, or has it come in contact with PCB's?	☐ YES	☒ NO
Is the material radioactive?	☐ YES	☒ NO
Does the material contain septic or domestic sewage?	☐ YES	☒ NO
Is the material Non-Hazardous as defined by RCRA Title 40?	☒ YES	☐ NO

Check all below which apply:

Material is to be shipped and recycled as Universal Waste	☐ YES	☒ NO
Material is to be shipped and recycled under 6 NYCRR Part 371.1(g)(1)(ii)(b) *(ie Computer Equipment & monitors)*	☐ YES	☒ NO
Material is being shipped for disposal/recycle via facility transfer/consolidation permit	☒ YES	☐ NO
Material is a Labpack and all contents are CERTIFIED as Non-RCRA	☐ YES	☒ NO
List all Lab Pack Container Numbers: *(Attach packing slips to profile)*		

I certify that the above submitted information (including any attachments) is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. All material offered herein is deemed Non-RCRA.

Signer Title Manager

Company Tornkey Envt. Restoration

Signed: As Agent for Merani Hospitality **Print:** Nathan T. Munley **Date:** 28 July 2015

ARC Presonel Reviewed and Approved by:

Approved by: **Print:** Tom Martin **Date:**

APPENDIX H2

TABULATED LOAD SUMMARIES

SOIL TONNAGE SUMMARY TO MODERN LANDFILL
402 & 403 Buffalo Avenue
Niagara Falls, New York

Date	Load	Truck	Manifest	Ticket	C	T	N	TN
6/3/2015	1	RE Lorenz	M15-2816-012	1002456812	68100	26360	41740	20.87
6/3/2015	2	RE Lorenz	M15-2816-011	1002456813	67840	26520	41320	20.66
6/3/2015	3	RE Lorenz	M15-2816-013	1002456818	71520	27480	44040	22.02
6/3/2015	4	RE Lorenz	M15-2816-014	1002456824	72120	28000	44120	22.06
6/3/2015	5	RE Lorenz	M15-2816-015	1002456826	72600	28800	43800	21.90
6/3/2015	6	RE Lorenz	M15-2816-017	1002456854	70340	26360	43980	21.99
6/3/2015	7	RE Lorenz	M15-2816-016	1002456859	69660	27480	42180	21.09
6/3/2015	8	RE Lorenz	M15-2816-018	1002456862	71640	28800	42840	21.42
6/3/2015	9	RE Lorenz	M15-2816-019	1002456874	69680	28000	41680	20.84
6/3/2015	10	RE Lorenz	M15-2816-020	1002456876	69400	26680	42720	21.36
6/3/2015	11	RE Lorenz	M15-2816-00	1002456911	70980	27480	43500	21.75
6/3/2015	12	RE Lorenz	M15-2816-00	1002456913	68320	28800	39520	19.76
6/3/2015	13	RE Lorenz	M15-2816-00	1002456925	72080	28000	44080	22.04
6/3/2015	14	RE Lorenz	M15-2816-00	1002456929	66560	26680	39880	19.94
6/3/2015	15	RE Lorenz	M15-2816-00	1002456945	70360	27480	42880	21.44
6/3/2015	16	RE Lorenz	M15-2816-00	1002456948	77660	28800	48860	24.43
6/3/2015	17	RE Lorenz	M15-2816-00	1002456955	76000	28000	48000	24.00
6/3/2015	18	RE Lorenz	M15-2816-00	1002456958	66560	26680	39880	19.94
6/3/2015	19	RE Lorenz	M15-2816-024	1002456991	70900	27480	43420	21.71
6/3/2015	20	RE Lorenz	M15-2816-023	1002456998	73260	28800	44460	22.23
6/3/2015	21	RE Lorenz	M15-2816-022	1002457017	68940	28000	40940	20.47
6/3/2015	22	RE Lorenz	M15-2816-021	1002457027	69860	26680	43180	21.59
6/3/2015	23	RE Lorenz	M15-2816-025	1002457052	74700	27480	47220	23.61
6/3/2015	24	RE Lorenz	M15-2816-026	1002457058	75360	28800	46560	23.28
6/3/2015	25	RE Lorenz	M15-2816-027	1002457064	69980	28000	41980	20.99
6/3/2015	26	RE Lorenz	M15-2816-028	1002457073	70600	26680	43920	21.96
6/3/2015	27	RE Lorenz	M15-2816-00	1002457081	70740	26360	44380	22.19
6/4/2015	28	RE Lorenz	M15-2816-032	1002457151	67800	28000	39800	19.90
6/4/2015	29	RE Lorenz	M15-2816-029	1002457154	67860	26360	41500	20.75
6/4/2015	30	RE Lorenz	M15-2816-031	1002457157	66740	28800	37940	18.97
6/4/2015	31	RE Lorenz	M15-2816-020	1002457171	72740	26680	46060	23.03
6/4/2015	32	RE Lorenz	M15-2816-033	1002457208	69940	26360	43580	21.79
6/4/2015	33	RE Lorenz	M15-2816-034	1002457214	78220	28800	49420	24.71
6/4/2015	34	RE Lorenz	M15-2816-035	1002457287	73120	26680	46440	23.22
6/4/2015	35	RE Lorenz	M15-2816-036	1002457332	66840	26360	40480	20.24
8/10/2015	36	RE Lorenz	M15-2816-0131	102475917	70040	26360	43680	21.84
8/10/2015	37	RE Lorenz	M15-2816-0132	102475919	73880	28800	45080	22.54
8/10/2015	38	RE Lorenz	M15-2816-0133	102475921	70220	28000	42220	21.11
8/10/2015	39	RE Lorenz	M15-2816-0134	102475927	68560	26680	41880	20.94
8/10/2015	40	RE Lorenz	M15-2816-0100	102475966	72000	26360	45640	22.82
8/10/2015	41	RE Lorenz	M15-2816-0101	102475971	71400	28800	42600	21.30
8/10/2015	42	RE Lorenz	M15-2816-0102	102475979	72220	28000	44220	22.11
8/10/2015	43	RE Lorenz	M15-2816-0103	102475984	69620	26680	42940	21.47
8/10/2015	44	RE Lorenz	M15-2816-0104	102476018	71040	26360	44680	22.34
8/10/2015	45	RE Lorenz	M15-2816-0105	102476022	74540	28800	45740	22.87

8/10/2015	46	RE Lorenz	M15-2816-0106	102476025	70740	28000	42740	21.37
8/10/2015	47	RE Lorenz	M15-2816-0107	102476034	70680	26680	44000	22.00
8/10/2015	48	RE Lorenz	M15-2816-0108	102476073	71100	26360	44740	22.37
8/10/2015	49	RE Lorenz	M15-2816-0109	102476076	74660	28800	45860	22.93
8/10/2015	50	RE Lorenz	M15-2816-0110	102476079	73000	28000	45000	22.50
8/10/2015	51	RE Lorenz	M15-2816-0111	102476083	69860	26680	43180	21.59
8/10/2015	52	RE Lorenz	M15-2816-0112	102476130	69940	26360	43580	21.79
8/10/2015	53	RE Lorenz	M15-2816-0113	102476136	74660	28800	45860	22.93
8/10/2015	54	RE Lorenz	M15-2816-0114	102476144	71780	28000	43780	21.89
8/10/2015	55	RE Lorenz	M15-2816-0115	102476156	69300	26680	42620	21.31
8/10/2015	56	RE Lorenz	M15-2816-0116	102476196	72100	26360	45740	22.87
8/10/2015	57	RE Lorenz	M15-2816-0117	102476206	71500	28800	42700	21.35
8/10/2015	58	RE Lorenz	M15-2816-0118	102476216	71780	28000	43780	21.89
8/10/2015	59	RE Lorenz	M15-2816-0119	102476222	69380	26680	42700	21.35
8/10/2015	60	RE Lorenz	M15-2816-0120	1002476250	--	--	--	23.26
8/10/2015	61	RE Lorenz	M15-2816-0121	1002476253	--	--	--	22.70
8/10/2015	62	RE Lorenz	M15-2816-0122	1002476255	--	--	--	22.20
8/10/2015	63	RE Lorenz	M15-2816-0123	1002476260	--	--	--	20.32
8/24/2015	60	RE Lorenz	M15-2816-124	1002479513	70840	26360	44480	22.24
8/24/2015	61	RE Lorenz	M15-2816-125	1002479514	74480	26680	47800	23.90
8/24/2015	62	RE Lorenz	M15-2816-126	1002479528	73140	28000	45140	22.57
8/24/2015	63	RE Lorenz	M15-2816-127	1002479556	70460	26360	44100	22.05
8/24/2015	64	RE Lorenz	M15-2816-128	1002479562	64220	26680	37540	18.77
8/24/2015	65	RE Lorenz	M15-2816-129	1002479574	74480	28800	45680	22.84
8/24/2015	66	RE Lorenz	M15-2816-130	1002479580	74800	28000	46800	23.40
8/24/2015	67	RE Lorenz	M15-2816-131	1002479609	69100	26360	42740	21.37
8/24/2015	68	RE Lorenz	M15-2816-135	1002479611	68420	26680	41740	20.87
8/24/2015	69	RE Lorenz	M15-2816-136	1002479619	69280	28800	40480	20.24
8/24/2015	70	RE Lorenz	M15-2816-137	1002479631	74540	28000	46540	23.27
8/24/2015	71	RE Lorenz	M15-2816-138	1002479653	71560	26360	45200	22.60
8/24/2015	72	RE Lorenz	M15-2816-139	1002479654	73760	26680	47080	23.54
8/24/2015	73	RE Lorenz	M15-2816-140	1002479655	73100	28800	44300	22.15
8/24/2015	74	RE Lorenz	M15-2816-141	1002479675	73500	28000	45500	22.75
8/24/2015	75	RE Lorenz	M15-2816-142	1002479709	71420	26360	45060	22.53
8/24/2015	76	RE Lorenz	M15-2816-143	1002479715	69340	26680	42660	21.33
8/24/2015	77	RE Lorenz	M15-2816-144	1002479724	72320	28800	43520	21.76
8/24/2015	78	RE Lorenz	M15-2816-145	1002479731	72940	28000	44940	22.47
8/24/2015	79	RE Lorenz	M15-2816-146	1002479762	69720	26360	43360	21.68
8/24/2015	80	RE Lorenz	M15-2816-147	1002479765	67740	26680	41060	20.53
8/24/2015	81	RE Lorenz	M15-2816-148	1002479770	75680	28800	46880	23.44
8/24/2015	82	RE Lorenz	M15-2816-149	1002479779	73600	28000	45600	22.80
8/24/2015	83	RE Lorenz	M15-2816-150	1002479822	71480	26360	45120	22.56
8/24/2015	84	RE Lorenz	M15-2816-151	1002479826	68120	26680	41440	20.72
8/24/2015	--	--	--	1002479832	--	--	--	22.41
8/24/2015	85	RE Lorenz	M15-2816-153	1002479839	72720	28000	44720	22.36
8/24/2015	86	RE Lorenz	M15-2816-155	1002479855	--	--	--	20.89
8/24/2015	87	RE Lorenz	M15-2816-160	1002479857	--	--	--	21.96
8/24/2015	88	RE Lorenz	M15-2816-154	1002479860	--	--	--	24.21
10/1//2105	89	RE Lorenz	M15-2816-169	1002491007	65160	26680	38480	19.24
10/1//2106	90	RE Lorenz	M15-2816-170	1002491008	66960	27480	39480	19.74
10/1//2107	91	RE Lorenz	M15-2816-171	1002491011	74180	28000	46180	23.09
10/1/2015	92	RE Lorenz	M15-2816-	1002491180	75220	28800	46420	23.21

10/1/2015	93	RE Lorenz	M15-2816-	1002491232	71780	27480	44300	22.15
10/1/2015	94	RE Lorenz	M15-2816-	1002491248	73200	28800	44400	22.20
10/1/2015	95	RE Lorenz	M152816-172	1002491061	64780	26680	38100	19.05
10/1/2015	96	RE Lorenz	M15-2816-173	1002491062	70440	27480	42960	21.48
10/1/2015	97	RE Lorenz	M15-2816-174	1002491064	72880	28000	44880	22.44
10/1/2015	98	RE Lorenz	M15-2816-175	1002491073	76980	28800	48180	24.09
10/1/2015	99	RE Lorenz	M15-2816-176	1002491116	71660	26680	44980	22.49
10/1/2015	100	RE Lorenz	M15-2816-177	1002491117	70680	27480	43200	21.60
10/1/2015	101	RE Lorenz	M15-2816-178	1002491120	74700	28000	46700	23.35
10/1/2015	102	RE Lorenz	M15-2816-179	1002491123	77300	28800	48500	24.25
10/1/2015	103	RE Lorenz	M15-2816-180	1002491160	69780	26680	43100	21.55
10/1/2015	104	RE Lorenz	M15-2816-	1002491163	70640	27480	43160	21.58
10/1/2015	105	RE Lorenz	M15-2816-	1002491173	73780	28000	45780	22.89
10/15/2015	106	RE Lorenz	M15-2816-006	1002495504	82040	26680	55360	27.68
10/15/2015	107	RE Lorenz	M15-2816-007	1002495704	54320	26680	27640	13.82

Total Tons: 2454.22

Chemical Tonnage Log
401, 402, 430 Buffalo Ave Site

Date	Quantity	Unit	Material	Manifest Tracking No.	Responsible Party	Disposal Facility
5/13/2015	10	Drums	Liquid Wastes	11983872	Clean Harbor Env. Serv.	Clean Harbors El Dorado, LLC
5/13/2015	1	Drums	Oil Based Paint Cans	11983872	Clean Harbor Env. Serv.	Clean Harbors El Dorado, LLC
5/13/2015	1	Drums	Flammable Waste Aerosols	11983872	Clean Harbor Env. Serv.	Clean Harbors El Dorado, LLC
5/13/2015	1	Drums	Lead Acid Batteries	11983872	Clean Harbor Env. Serv.	Clean Harbors El Dorado, LLC
5/13/2015	1	Drums	Compressed Helium	FFHS2015-1	Clean Harbor Env. Serv.	Clean Harbors La Porte, L.P.
5/13/2015	1	Drums	Carbon Dioxide	FFHS2015-1	Clean Harbor Env. Serv.	Clean Harbors La Porte, L.P.
5/13/2015	1	Drums	Propane	FFHS2015-1	Clean Harbor Env. Serv.	Clean Harbors La Porte, L.P.
5/13/2015	1	Drums	MAPP	FFHS2015-1	Clean Harbor Env. Serv.	Clean Harbors La Porte, L.P.
5/13/2015	2	Drums	Used Petroleum Oil	FFHS2015-2	Clean Harbor Env. Serv.	Spring Grove Resource Recovery, Inc.
5/13/2015	1	Drums	Waste Latex Paint	FFHS2015-2	Clean Harbor Env. Serv.	Spring Grove Resource Recovery, Inc.
8/4/2015	7	Drums	Hydraulic Oil	19243	American Recyclers Co.	American Recyclers Co.

402 and 430 Buffalo Avenue - TENORM Load Summaries

Date	Load	Truck	Ticket	G	T	N	TN
5/4/2015	1	Austin Masters Services	283947	78960	35060	43900	21.95
5/4/2015	2	Austin Masters Services	283939	62920	33400	29520	14.76
5/4/2015	3	Austin Masters Services	283937	76460	32420	44040	22.02
5/4/2015	4	Austin Masters Services	283935	60080	32640	27440	13.72
				Total TNs			72.45

CWM Disposal Transformer Room Load Summary
401,402, 430 Buffalo Ave

Date	Quantity	Units	Manifest No.	Transporter	Disposal Facility
7/24/2015	17.24	Tons	002733200 GBF	Tonawanda Tank Transport Services Inc.	CWM Chemical Services, L.L.C.
7/24/2015	12.67	Tons	002733201 GBF	Tonawanda Tank Transport Services Inc.	CWM Chemical Services, L.L.C.
7/27/2015	3	Transformers	002733211 GBF	Tonawanda Tank Transport Services Inc.	CWM Chemical Services, L.L.C.
7/27/2015	8	Drums	002733211 GBF	Tonawanda Tank Transport Services Inc.	CWM Chemical Services, L.L.C.
8/4/2015	11.55	Tons	002733209 GBF	Tonawanda Tank Transport Services Inc.	CWM Chemical Services, L.L.C.
8/13/2015	2	Drums	2733341 GBF	Tonawanda Tank Transport Services Inc.	CWM Chemical Services, L.L.C.

TENORM Tonnage Log
402 Buffalo Ave. Site
October. 2015

Date	Load	Trucking Company	Trailer #	Manifest #	Martins Ferry Weight (tons)
10/14/2015	1	D&V	160T	BUF AVE-001	24.37
10/15/2015	2	D&V	179T	BUF AVE-002	20.63
10/16/2015	3	D&V	169T	BUF AVE-003	24.55
10/17/2015	4	D&V	177T	BUF AVE-004	21.29
10/18/2015	5	D&V	166T	BUF AVE-005	22.00
10/19/2015	6	D&V	173T	BUF AVE-006	20.21
10/20/2015	7	D&V	175T	BUF AVE-007	22.39
10/21/2015	8	D&V	170T	BUF AVE-008	21.68
10/22/2015	9	D&V	148T	BUF AVE-009	21.12
10/23/2015	10	McCutcheon	TD80	BUF AVE-010	19.22
10/24/2015	11	McCutcheon	TD76	BUF AVE-011	22.39
10/25/2015	12	D&V	167T	BUF AVE-012	20.34
10/26/2015	13	D&V	158T	BUF AVE-013	21.07
10/27/2015	14	D&V	168T	BUF AVE-014	21.93
10/28/2015	15	D&V	164T	BUF AVE-015	21.14
10/15/2015	16	D&V	169T	BUF AVE-016	22.73
10/15/2015	17	D&V	177T	BUF AVE-017	22.40
10/15/2015	18	D&V	160T	BUF AVE-018	23.22
10/15/2015	19	D&V	179T	BUF AVE-019	20.16
10/15/2015	20	McCutcheon	TD80	BUF AVE-020	19.90
10/15/2015	21	McCutcheon	TD76	BUF AVE-021	22.46
10/15/2015	22	D&V	173T	BUF AVE-022	23.18
10/15/2015	23	D&V	166T	BUF AVE-023	23.10
10/15/2015	24	D&V	148T	BUF AVE-024	22.11
10/15/2015	25	D&V	175T	BUF AVE-025	23.12
10/15/2015	26	D&V	170T	BUF AVE-026	22.92
10/15/2015	27	D&V	158T	BUF AVE-027	24.47
10/15/2015	28	D&V	164T	BUF AVE-028	23.75
10/15/2015	29	D&V	167T	BUF AVE-029	23.00
10/15/2015	30	D&V	168T	BUF AVE-030	22.61
10/16/2015	31	McCutcheon	TD76	BUF AVE-031	23.85
10/16/2015	32	McCutcheon	TD80	BUF AVE-032	22.57
10/16/2015	33	D&V	177T	BUF AVE-033	23.06
10/16/2015	34	D&V	160T	BUF AVE-034	25.32
10/16/2015	35	D&V	179T	BUF AVE-035	26.85
10/16/2015	36	D&V	173T	BUF AVE-036	21.50
10/16/2015	37	D&V	166T	BUF AVE-037	24.30
10/16/2015	38	D&V	148T	BUF AVE-038	25.04
10/16/2015	39	D&V	175T	BUF AVE-039	24.56
10/16/2015	40	D&V	170T	BUF AVE-040	24.10
10/16/2015	41	D&V	164T	BUF AVE-041	24.45

10/16/2015	42	D&V	158T	BUF AVE-042	25.76
10/16/2015	43	D&V	167T	BUF AVE-043	27.82
10/16/2015	44	D&V	168T	BUF AVE-044	25.09
10/16/2015	45	D&V	169T	BUF AVE-045	24.84
10/19/2015	46	D&V	160T	BUF AVE-046	26.60
10/19/2015	47	D&V	177T	BUF AVE-047	23.19
10/19/2015	48	D&V	175T	BUF AVE-048	26.47
10/19/2015	49	D&V	170T	BUF AVE-049	25.52
10/19/2015	50	D&V	173T	BUF AVE-050	23.18
10/19/2015	51	D&V	166T	BUF AVE-051	22.60

Total: 1180.13

Universal Waste Load Summary
401, 402, 430 Buffalo Ave.

Item	Count	Transporter	Manifest No.	Disposal Site
Fluorescent Lights	350	Per 56 Srvices Inc.	--	Waste Management
PCB Ballasts	200	Per 56 Srvices Inc.	--	Waste Management
Fire Extinguishers	6	Per 56 Srvices Inc.	--	DiVal Safety
Smoke Detectors	150	Per 56 Srvices Inc.	--	System Sensor
Exit Signs	15	Per 56 Srvices Inc.	--	Waste Management
U-Bulbs	50	Per 56 Srvices Inc.	--	Waste Management
Security Lights	50	Per 56 Srvices Inc.	--	Waste Management
6-Volt Power Cell Batteries	20	Per 56 Srvices Inc.	--	Niagara Metals
Latex Paint	50 gal.	Per 56 Srvices Inc.	--	Waste Management
PCBs Soil Mixture	1 DM	Frank Vacuum Truck Service	2582506	CWM Chemical Services, L.L.C.
UW Lamps	1 DF	Frank Vacuum Truck Service	2582506	CWM Chemical Services, L.L.C.
UW Fluorescent T	7 CF	Frank Vacuum Truck Service	2582506	CWM Chemical Services, L.L.C.

APPENDIX H3

WASTE MANIFESTS OR BILLS OF LADING (CD ENCLOSED)

APPENDIX I

LABORATORY ANALYTICAL DATA
(CD ENCLOSED)

APPENDIX J

RADIOLOGIC MATERIALS DOCUMENTATION
(CD ENCLOSED)

APPENDIX K

DUSRs FOR ALL ENDPOINT SAMPLES

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

November 5, 2015

Nathan Munley
Turnkey Environmental Restoration
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218

RE: Validation of the 402 and 430 Buffalo Avenue IRM Site Sample Analytical Data Packages
Alpha SDG Nos. L1507822, L1512466, L1512467, L1512468, L1517065, L1517241, L1517319, and L15619003

Dear Mr. Munley:

Review has been completed for the data packages generated by Alpha Analytical Laboratories, Inc, that pertain to samples collected between 04/14/15 and 08/10/15 at the 402 and 430 Buffalo Avenue Interim Remedial Measure site. Twenty three soil samples were processed for Part 375 metals. Twelve of those samples were also processed for TCL semivolatiles, one of which was also processed for TCL PCBs. Ten soil samples and four wipe samples were processed for TCL PCBs, and three soil samples were processed for TCL and CP-51 volatiles and TCL semivolatiles. The specific sample identifications covered in this report are shown on the attached laboratory Sample Summary forms. The analytical methodologies are those of the USEPA SW846.

The data package submitted by the laboratory contains full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Trip/Method Blanks
* Laboratory Control Sample (LCS)
* Field Duplicate Correlations
* Matrix Spike Recoveries and Duplicate Correlations (Semivolatiles and Metals Only)
* Instrumental Tunes
* Calibration Standards
* ICP Serial Dilution Evaluations
* ICP Interference Check Samples

* Method Compliance
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, results are usable either as reported or with minor qualification/edit, with the exception of the results for 1,4-dioxane, which are not usable in the samples due to poor processing responses.

The laboratory utilizes set recovery acceptance ranges and duplicate correlations for organic surrogates and matrix/LCS spikes that are not in accordance with analytical requirements, and are in some cases way too generous. This allows for data with more variance than allowed, and prohibits corrective action to verify matrix effects on the data (for MSs) or to correct laboratory processing (for LCSs). The analytical protocols require that the laboratory develop in-house analyte-specific ranges. Although no validation action is taken for this non-compliance, there may be variance to sample quantitative values.

Data completeness, comparability, representativeness, and sensitivity are acceptable. The matrix accuracy and precision evaluations, available only for semivolatile and metals fractions , are acceptable when reported with the laboratory acceptance ranges. No field duplicate evaluations were performed.

Also included in this submission are the client results tables, with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

Identifications for two of the wipe samples were revised after laboratory receipt.

Volatile Analyses by EPA8260C

The results for 1,4-dioxane in the samples are rejected due to poor instrument responses inherent in the analytical methodology. Other calibration standards show acceptable responses.

Due to presence in the associated method blanks, the follow detections are considered external contamination, and are edited to reflect non-detection:

- acetone in Petro Area Middle and Petro Area West
- tetrachloroethene in Petro Area East

These analytes should have been flagged by the laboratory as "B".

Although the laboratory reports LCSs (LCS and LCSD) performed in duplicate, the LCS is actually the continuing calibration verification standard (CCV). However, the analytical protocol requires that different solutions be used for CCVs as for LCSs.

Holding times were met. Surrogate and internal standard responses are compliant. LCS recoveries fall within the acceptance ranges utilized by the laboratory.

TCL Semivolatiles by EPA8270D

The results for 1,4-dioxane in the samples are rejected due to poor instrument responses inherent in the analytical methodologies. Other calibration standards show acceptable responses.

The detection of benzo(a)anthracene in Northwall 1 Post-Exc is edited to reflect non-detection due to very poor mass spectral quality.

No project sample matrix spikes were performed, and the matrix effect on analyte recovery has therefore not been evaluated for the event.

Holding times were met. Surrogate and internal standard responses are compliant. LCS recoveries fall within the acceptance ranges utilized by the laboratory. Banks show no contamination.

Some of the samples were processed at dilution due to matrix effects. This produced proportionally elevated reporting limits.

Aroclor PCBs by EPA methods 8082A

The acceptance ranges/limits for surrogates and LCS spikes are very wide, with recovery ranges of 30% to 150% and 40% to 140%, and duplicate correlations up to 50%RPD. LCS recoveries fall within the acceptance ranges utilized by the laboratory.

No project sample matrix spikes were performed, and the matrix effect on analyte recovery has therefore not been evaluated for the event. Holding times were met. Surrogate standard responses are compliant. Blanks show no contamination.

Retention time window summaries are not provided.

Part 375 Metals Analyses by EPA 6010C and 7471A

A matrix spike and laboratory duplicate evaluation was performed on SS Area-2 Composite. All elements produced outlying recoveries, most between 53% and 68%. Such consistency in outlying recoveries may indicate a homogeneity or processing issue, as matrix effects are often more selective. Manganese sample concentrations are above the limit for applicable matrix spike recovery evaluation. Results for the other analytes have been qualified as estimated in that parent sample.

The matrix spike and duplicate of Bottom 1show outlying recoveries for barium, cadmium, chromium, lead, nickel, and zinc, and results for those elements are qualified as estimated in the parent sample.

The ICP serial dilution evaluations were performed on SS Area-2 Composite and Bottom 1, and both show outlying correlations for barium and manganese (42%D to 63%D). Results for those two elements are qualified as estimated, with a low bias, in those parent samples.

Laboratory report forms should have been flagged to denote the elements exhibiting outlying matrix spike recoveries, laboratory duplicate correlations, and serial dilution evaluations.

Digestate volumes should have been entered onto the QC summary Forms 12. They are found in the raw data.

Method Detection Limit summaries are outdated.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Att: Validation Qualifier Definitions
Client and Laboratory Sample IDs
Qualified Client Results Tables

CLIENT and LABORATORY SAMPLE IDs

Project Name: 402 AND 430 BUFFALO AVE
Project Number: 0294-013-001

Lab Number: L1507822
Report Date: 04/23/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1507822-01	PETRO AREA MIDDLE	SOIL	NIAGARA FALLS, NY	04/14/15 14:22	04/16/15
L1507822-02	PETRO AREA WEST	SOIL	NIAGARA FALLS, NY	04/14/15 14:27	04/16/15
L1507822-03	PETRO AREA EAST	SOIL	NIAGARA FALLS, NY	04/14/15 14:35	04/16/15

Project Name: 402 AND 430 BUFFALO AVE.
Project Number: 0294-013-001

Lab Number: L1512466
Report Date: 06/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1512466-01	SS AREA-2 COMPOSITE	SOIL	NIAGARA FALLS, NY 14218	06/04/15 12:37	06/04/15

Project Name: 402 + 430 BUFFALO AVE.
Project Number: 0294-013-001

Lab Number: L1512467
Report Date: 06/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1512467-01	SOUTHERN GAS LINE COMP	SOIL	NIAGARA FALLS, NY	06/04/15 14:21	06/04/15
L1512467-02	POOL AREA BOTTOM	SOIL	NIAGARA FALLS, NY	06/04/15 11:31	06/04/15
L1512467-03	POOL AREA NORTH WALL	SOIL	NIAGARA FALLS, NY	06/04/15 11:37	06/04/15
L1512467-04	POOL AREA WEST WALL	SOIL	NIAGARA FALLS, NY	06/04/15 11:42	06/04/15
L1512467-05	POOL AREA EAST WALL	SOIL	NIAGARA FALLS, NY	06/04/15 11:45	06/04/15
L1512467-06	POOL AREA SOUTH WALL	SOIL	NIAGARA FALLS, NY	06/04/15 11:56	06/04/15

Project Name: 402 + 430 BUFFALO AVE.
Project Number: 0294-013-001

Lab Number: L1512468
Report Date: 06/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1512468-01	ISLAND BOTTOM-01 COMP	SOIL	NIAGARA FALLS, NY	06/03/15 10:47	06/04/15
L1512468-02	ISLAND BOTTOM-02 COMP	SOIL	NIAGARA FALLS, NY	06/03/15 11:03	06/04/15
L1512468-03	ISLAND BOTTOM-03 COMP	SOIL	NIAGARA FALLS, NY	06/03/15 11:11	06/04/15
L1512468-04	ISLAND BOTTOM-04 COMP	SOIL	NIAGARA FALLS, NY	06/03/15 12:29	06/04/15
L1512468-05	ISLAND AREA FOUNDATION	SOIL	NIAGARA FALLS, NY	06/03/15 12:37	06/04/15

Project Name: BUFFALO AVE.-PCB IRM
Project Number: 0294-013-001

Lab Number: L1517065
Report Date: 07/23/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517065-01	PCB AREA A-1	SOIL	BUFFALO, NY	07/22/15 12:17	07/22/15
L1517065-02	PCB AREA B-1	SOIL	BUFFALO, NY	07/22/15 12:21	07/22/15
L1517065-03	PCB AREA C-1	SOIL	BUFFALO, NY	07/22/15 12:24	07/22/15
L1517065-04	PCB AREA D-1	SOIL	BUFFALO, NY	07/22/15 12:27	07/22/15
L1517065-05	PCB AREA E-1	SOIL	BUFFALO, NY	07/22/15 12:29	07/22/15
L1517065-06	PCB AREA F-1	SOIL	BUFFALO, NY	07/22/15 12:31	07/22/15
~~L1517065-07~~	~~PCB AREA G-1~~	~~SOIL~~	~~BUFFALO, NY~~	~~07/22/15 12:35~~	~~07/22/15~~
~~L1517065-08~~	~~PCB AREA H-1~~	~~SOIL~~	~~BUFFALO, NY~~	~~07/22/15 12:42~~	~~07/22/15~~

Project Name: 402 AND 403 BUFFALO AVE.
Project Number: 0294-013-001

Lab Number: L1517241
Report Date: 07/27/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517241-01	SOUTH WALL WIPE #1	WIPE	NIAGARA FALLS, NY	07/23/15 00:00	07/23/15
L1517241-02	WEST WALL WIPE #1	WIPE	NIAGARA FALLS, NY	07/23/15 11:21	07/23/15
L1517241-03	SOUTH FOOTER WIPE #1	WIPE	NIAGARA FALLS, NY	07/23/15 00:00	07/23/15
L1517241-04	WEST FOOTER WIPE #1	WIPE	NIAGARA FALLS, NY	07/23/15 11:31	07/23/15

Project Name: 402 + 430 BUFFALO AVE SITE
Project Number: 0294-013-001

Lab Number: L1517319
Report Date: 07/27/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517319-01	PCB AREA G-2 (2')	SOIL	NIAGARA FALLS, NY	07/24/15 09:15	07/24/15
L1517319-02	PCB AREA H-2 (2')	SOIL	NIAGARA FALLS, NY	07/24/15 09:18	07/24/15

Project Name: 430 BUFFALO AVE. SITE
Project Number: 0294-013-001

Lab Number: L1519003
Report Date: 08/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1519003-01	NORTHWALL 1 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 10:00	08/10/15
L1519003-02	NORTHWALL 2 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 13:30	08/10/15
L1519003-03	EASTWALL 1 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 10:15	08/10/15
L1519003-04	EASTWALL 2 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 13:40	08/10/15
L1519003-05	SOUTHWALL 1 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 11:00	08/10/15
L1519003-06	SOUTHWALL 2 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 15:30	08/10/15
L1519003-07	WESTWALL 1 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 10:30	08/10/15
L1519003-08	WESTWALL 2 POST-EXC	SOIL	430 BUFFALO AVE. SITE	08/10/15 15:40	08/10/15
L1519003-09	BOTTOM 1	SOIL	430 BUFFALO AVE. SITE	08/10/15 13:50	08/10/15
L1519003-10	BOTTOM 2	SOIL	430 BUFFALO AVE. SITE	08/10/15 15:55	08/10/15

APPENDIX L

IMPORTED MATERIALS DOCUMENTATION
(CD ENCLOSED)

LAFARGE

Christopher Tobin
400 Hinman Rd.
Lockport, NY 14094
716-289-7970 (cell)
716-433-4930 (fax)

7/21/2015

Anastasi

Att:
Re: Double Tree
Email:

To whom it may concern:

This is to certify that the material being supplied to the above project conforms to the outlined NYSDOT requirements for Section 300 Bases and Subbases. Below is a gradation for 2" ROC NYSDOT Subbase item 304.12.

Location: Niagara
Material Type: 2" ROC

Sieve Size	Weight	% Ret	% Pass	Spec
2"	0.0	0.0	100.0	100
1 1/2"	125.6	1.1	98.9	
1"	1598.1	14.0	84.9	
3/4"	2420.0	21.2	63.7	
1/2"	1095.8	9.6	54.1	
1/4"	1198.6	10.5	43.6	25-60
1/8"	1084.4	9.5	34.1	
#20	1118.7	9.8	24.3	
#40	593.6	5.2	19.1	5-40
#80	308.2	2.7	16.4	
#200	833.3	7.3	9.1	0-10
pan	1038.8	9.1		
Total	11415.0			

Sincerely,

C. T

Christopher Tobin
Quality Control
Lafarge A&C

Christopher Tobin
400 Hinman Rd.
Lockport, NY 14094
716-289-7970(cell)
716-433-4930 (fax)

7/21/15

Anastasi

Att:
Re: Double Tree
Email:

To whom it may concern:

Below is a gradation for #1 Stone

Location: Niagara
Material Type: #1 Stone

Sieve Size	Weight	% Retained	% Passing	Spec
1 1/2"	0.0	0.0	100.0	
1"	0.0	0.0	100.0	100
3/4"	0.0	0.0	100.0	
1/2"	203.5	6.4	93.6	90-100
3/8"	1392.8	43.8	49.8	
1/4	1221.1	38.4	11.4	0-15
#4	209.9	6.6	4.8	
#8	41.3	1.3	3.5	
#16	79.5	2.5	1.0	
#200	6.4	0.2	0.8	
pan	25.4	0.8		
Total	3180			

Sincerely,

Christopher Tobin
Quality Control
Lafarge AC&A

Christopher Tobin
400 Hinman Rd.
Lockport, NY 14094
716-289-7970 (cell)
716-433-4930 (fax)

7/21/15

Anastasi

Att:
Re: Double Tree
Email:

To whom it may concern:

This is to certify that the material being supplied to the above project conforms to the outlined NYSDOT requirements for Section 703-02 Coarse Aggregate. Below is a gradation for 2" ROC NYSDOT Subase type 2 304.12.

Location: Lockport Source No: 5-5R
Material Type: 2" ROC

Sieve Size	Weight	% Ret	% Pass	Spec
2"	0.0	0.0	100.0	100
1 1/2"	126.4	1.1	98.9	
1"	310.2	2.7	96.2	
3/4"	1401.8	12.2	84.0	
1/2"	1999.3	17.4	66.6	
1/4"	2792.1	24.3	42.3	25-60
1/8"	700.9	6.1	36.2	
#20	505.6	4.4	31.8	
#40	999.6	8.7	23.1	0-40
#80	769.8	6.7	16.4	
#200	781.3	6.8	9.6	0-10
pan	1103.0	9.6		
Total	11490.0			

Sincerely,

C. T

Christopher Tobin
Quality Control
Lafarge AC&A

LAFARGE

Christopher Tobin
400 Hinman Rd.
Lockport, NY 14094
716-289-7970 (cell)
716-433-4930 (fax)

July 21, 2015

Anastasi

Att:
Re: Double Tree
Email:

To whom it may concern:

This is to certify that the material being supplied to the above project conforms to the outlined NYSDOT requirements for Item #620.02, Fine Stone Fill. The gradation of this material is as follows:

Fine Stone Fill - Item #620.02	
Stone Size	**% of Total by Weight**
Smaller than 8"	90 - 100
Larger than 3"	50 - 100
Smaller than #10	0 - 10

Our NYSDOT source is 5-5R and our most recent test number is 12AR90.

Sincerely,

CT

Christopher Tobin
Quality Control Technician