Excavation and In Situ Chemical Oxidation Interim Remedial Measure Report

MINUTE MAN CLEANERS
89 OCEAN AVENUE
EAST ROCKAWAY, NEW YORK
SITE # C 130157

SUBMITTED TO:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM

URS PROJECT NO.: 38580332
JULY 1, 2008

Submitted By:
URS Corporation – New York
5 Penn Plaza, 15th Floor
New York, NY 10001

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1.0 INTRODUCTION

On behalf of Ben Ley Enterprises, Inc. (Ben Ley), URS Corporation – New York (URS) is pleased to submit this Interim Remedial Measure (IRM) Report for the Minute Man Cleaners (Minute Man) site, 89 Ocean Avenue, East Rockaway, New York (the "Site"). The purpose of this report is to describe the implementation of IRM activities, including source area excavation and *In Situ* Chemical Oxidation (ISCO) treatment using potassium permanganate.

Ben Ley has entered into the Brownfield Cleanup Program (BCP) with the New York State Department of Environmental Conservation (NYSDEC) as a participant to investigate and, where necessary, remediate contaminated soil and groundwater at the site.

1.1 PREVIOUS IVESTIGATIONS AND FINDINGS

To date, URS has completed the following two remedial investigations to collect adequate data to characterize the Site for the purpose of designing and evaluating remedial alternatives:

- Remedial Investigation (RI) Report, Minute Man Cleaners, 89 Ocean Avenue, East Rockaway, New York, Site # C 130157, dated January 15, 2007; and,
- Supplemental RI Report, Minute Man Cleaners, 89 Ocean Avenue, East Rockaway, New York, Site # C 130157, dated August 1, 2007.

After the completion of RI and Supplemental RI activities, URS recommended that an IRM be implemented to mitigate the shallow source area(s) on the property. The RI and Supplemental RI concluded that chlorinated solvents are the main constituents of environmental concern and identified the location of the source area as immediately beneath and around the existing dry cleaning machine. Impacts to soil and groundwater were observed to be greatest in that immediate area (within a 20 ft radius) of the dry cleaning machine.

A meeting was held at the NYSDEC Region I offices in Stony Brook, NY on September 21, 2007 to discuss the findings of the RI and to discuss the schedule and plans for an IRM. Attendants included representatives from URS, NYSDEC, the New York State Department of Health (NYSDOH) and the Nassau County Department of Health (NCDOH). During the meeting, the parties were in agreement that a proposed IRM of shallow source area soil excavation both inside and outside the building as well as post-excavation groundwater treatment using potassium permanganate would be implemented. Post treatment groundwater monitoring would also be completed.

1.2 IRM WORK PLAN

After the September 21, 2007 project meeting, URS subsequently submitted a work plan entitled "Excavation and In Situ Chemical Oxidation Interim Remedial Measure Work Plan, Minute Man Cleaners, 89 Ocean Avenue, East Rockaway, New York, Site # C 130157" dated November 8, 2007 ("IRM") to the NYSDEC. NYSDEC and NYSDOH provided comments on the November 2007 IRM

Work Plan in a letter dated December 13, 2007. Based on the Departments' comments, several modifications were made to the IRM Work Plan, which were documented in URS response letters dated January 11, 2008 and January 17, 2008. Changes to the IRM Work Plan included the following:

- In lieu of a Sub Slab Depressurization System (SSDS), a Soil Vapor Extraction (SVE) system was proposed in order to remove source area contamination that will not be excavated, such as under the dry cleaning machine, and to prevent vapor migration from the Site.
- The Department commented that with the installation of an SVE system, the interior excavation would not be necessary. The Department commented that ISCO should be used for treatment either during installation of the trenches of the SVE system or as a separate injection event. In response, URS requested approval to conduct limited focused excavation inside the building to remove the highest PCE concentration soils. The proposed interior excavation was limited to two areas (approximately 4'W x 4'L) and up to 5' deep near soil borings B-11 and B-13, which had PCE concentrations of 27 and 10 mg/kg, respectively. Additionally, during installation of the SVE trenches, URS proposed to excavate to a depth of 4 to 5 ft bgs prior to interior application of the ISCO. The trenches will then be backfilled with clean fill before the horizontal soil vapor extraction pipes are installed at an invert elevation of approximately one ft bgs. The focused source soils excavation was proposed in order to reduce capital and O&M costs associated with the SVE system and to reduce the volume of potassium permanganate needed for ISCO, thereby limiting the risk of impacting the nearby creek.
- Work plan figures were revised to reflect corrected (refined) locations of soil borings B-3, B-7, B-9, B-13, the interior floor drain and sanitary sewer line layout.

The Departments approved the IRM Work Plan in a letter dated January 18, 2008 and the changes documented in URS' response letters were considered as amendments to the Work Plan.

Prior to the start of the IRM fieldwork, some additional minor changes were made to excavation locations. These changes were dictated by site conditions and working with the site owner, as well as field correcting two specific boring locations (B-3 and B-13) shown in the IRM Work Plan. Boring B-3, previously shown directly east of and downgradient of MW-9 was incorrectly plotted on Figures in the IRM Work Plan. Boring B-3 was actually located immediately adjacent to MW-6S and MW-6D and hence more in line with the long axis of the groundwater plume. Accordingly, the exterior excavation was shifted approximately 10-15 feet south of its original location. As a result of the changed exterior excavation location, the select wells scheduled for decommissioning were also adjusted. The IRM Work Plan indicated that three monitoring wells (MW-7S, MW-8 and MW-9) would be decommissioned prior to excavation. The revised excavation footprint required decommissioning of five monitoring wells (MW-6S, MW-6D, MW-7S, MW-8 and MW-11).

2.0 INTERIM REMEDIAL MEASURE (IRM) IMPLEMENTATION

The proposed excavation included shallow soils (0-5 ft bgs) inside the dry cleaning building and shallow soils (0-5 ft bgs) outside the dry cleaning building on the downgradient side between the exterior eastern wall of the facility and the tidal creek. The excavation areas are shown in Figures 1 and 2. As per the IRM Work Plan, the excavation was completed in two separate mobilizations, one for inside the building and one for outside of the building. Both excavations were timed as much as possible to coincide with lowest tide cycle for the day. Each excavation was followed by the addition of crystallized potassium permanganate at the bottom of the excavation as described herein. The IRM was completed in late February – March 2008. Details of the field implementation of the IRM Work Plan follow:

2.1 SITE PREPARATION

The proposed interior and exterior excavation boundaries were marked out by URS with spray paint or duct tape prior to starting the field activities. The excavation and chemical oxidant placement activities were performed by Brookside Environmental, Inc. of Baldwin, New York under subcontract to URS. URS personnel were on-site to provide oversight of these activities. Locations for equipment usage, dumpster placement and temporary chemical oxidant storage locations were also agreed upon with URS, Brookside and the site owner.

A utility clearance and markout was conducted as part of the RI scope of work and no utilities were identified within the proposed excavation areas. URS briefed Brookside on other subsurface issues that required attention during excavation activities. Care was to be taken during the excavation activities to avoid damaging or undermining the building's footing, identified localized sanitary drain lines, or bulkhead structural supports encountered below the ground surface. These structural supports included vertical timber piles, steel cables, and a large wooden "deadman".

2.2 DECOMMISSIONING OF MONITORING WELLS

Five monitoring wells (MW-6S, MW-6D, MW-7S, MW-8 and MW-11) were decommissioned by Brookside in accordance with the NYSDEC's well closure criteria. Each monitoring well was filled with a concrete and bentonite mixture to the ground surface and allowed to dry; furthermore, the upper five feet of each riser was subsequently removed during the exterior excavation. Table 1 and Figure 2 lists and shows the five monitoring wells that were closed, respectively. Table 1 also lists which wells are scheduled for further groundwater monitoring as discussed in Section 2.5.

2.3 EXCAVATION AND IN SITU CHEMICAL OXIDATION

2.3.1 Excavation Inside the Building

Prior to starting the interior excavation work, polyethylene sheeting was utilized from floor to ceiling to form a containment area. The containment area was used to isolate the work area and to minimize the movement of dust and potential vapors as the business remained operational. A negative air unit (NAU) fan with a HEPA filter was used to maintain slight negative air pressure inside the containment.

Consistent with the approved IRM Work Plan, the inside excavation started with two approximately four feet by four feet excavations to a depth of approximately five feet. The inside excavation was completed from February 28 through March 2, 2008. The interior excavation areas are shown in Figure 1. Photographs of the interior excavation and ISCO activities are included in Attachment A. The concrete of each section was saw cut, broken into manageable pieces and removed from the excavation area. Water was used as needed to minimize dust. One of these excavations was moved to boring location, B-12, from originally proposed boring location, B-13 due to site and operational constraints. The original boring location (B-13) was still treated with the chemical oxidant however as described below. The depth of these two excavation areas was completed as planned and was to approximately five feet below ground surface (bgs). After the completion of these two excavations, the SVE trench excavations, consisting of three approximately one foot wide by 12-foot long sections, were completed. Each of the three trenches was continued to a depth of approximately of four feet and then a posthole digger was used to advance borings to a depth of approximately five feet bgs at select locations. Air monitoring was performed with both a photoionization detector (PID) and a DataRam dust monitor both inside the containment and at the NAU exhaust.

A prior investigative borehole was enlarged between the dry-cleaning machine and the eastern building wall through the slab floor. During excavation activities, this hole was re-opened, excavated, and subsequently utilized as a chemical oxidant placement point.

ISCO activities were implemented after excavation on February 29 through March 3, 2008 using RemOx®S ISCO Reagent from Carus Corporation (Carus) of Peru, IL, which is a crystallized potassium permanganate. The potassium permanganate was delivered in 5-gallon pails (55.13 pounds of potassium permanganate per pail). As each excavation section was completed to depth, the potassium permanganate was placed at the bottom of the excavation and trenches. The potassium permanganate was mixed with silica sand before placement. The ratio of chemical to sand was 2:1 as per the IRM Work Plan. Brookside staff utilized level C personnel protective equipment during placement of the chemical oxidant. The distribution of the potassium permanganate was as follows:

- Five pails of the potassium permanganate were applied to each of the four feet by four feet excavations;
- Five pails of the potassium permanganate were applied to each section (three in total) of the SVE trenches. The chemical oxidant was placed in the deeper area of the trenches dug by the posthole digger and at select areas along the trenches where elevated PID readings were noted;
- The small investigative borehole area between the dry cleaning machine and the eastern building wall was also treated with three pails of potassium permanganate; and,
- Two pails of potassium permanganate were placed inside borings B-7 and B-13 (one pail per boring) at a depth of 5 feet below grade after soil was vacuumed out of the boreholes.

A total of approximately 1,600 pounds of potassium permanganate was emplaced inside the building. After ISCO activities were completed, certified clean fill ("bank run") was placed in the excavated areas and trenches and compacted in lifts. The trenches were backfilled to the depth needed to lay the

horizontal SVE piping (one foot below the floor slab) and SVE piping was installed prior to completing the backfilling activities. In total, approximately 12 cubic yards of soils were excavated during the interior phase and accordingly approximately 11 cubic yards of backfill was used. After soil removal and backfilling were completed, the concrete floor was patched with concrete and wire mesh and the floor surface restored to pre-excavation grade. The polyethylene sheeting was removed and the area thoroughly cleaned of excess debris and dust.

2.3.2 Post-Interior Excavation Groundwater Monitoring

In preparation for ISCO activities at the site, URS had discussions with NYSDEC regarding potential impact to the tidal creek adjacent to the site. As previously discussed, it was decided that the IRM would be done in two phases so the creek could be monitored after the interior phase, to see if adjustments may need to be made to the amount of chemical to be placed during the second phase.

As recommended by Carus, a HACH DR/890 portable colorimeter was used to monitor the monitoring wells for residual permanganate. Within 24-48 hours of the ISCO application, two wells (MW-8 and MW-11) were sampled for residual permanganate concentrations using the portable colorimetric meter. MW-8 was located just outside the building on the downgradient side and MW-11 is located adjacent to the bulkhead approximately 20 feet east of MW-8. MW-8 and MW-11 was observed to have 57.88 milligrams per liter (mg/L) and 15.40 mg/L of residual permanganate, respectively. The adjacent tidal creek did not show visual discoloring during daily monitoring for a period of two weeks.

Based on these results, no adjustments to ISCO application were necessary and the second exterior phase of the excavation proceeded as originally proposed. Additional monitoring was completed after the exterior excavation was completed as described below.

2.3.3 Excavation Outside the Building

Following the completion of the interior excavation, placement of potassium permanganate and post-interior excavation monitoring, the excavation of the area outside of the building began. Exterior work took place during the week of March 26, 2008. The exterior excavation area is shown in Figure 2. Air monitoring was performed with both a photoionization detector (PID) and a DataRam dust monitor within the excavation and at the excavation perimeter.

The rear of the building is a walkway/narrow driveway extending from the parking lot and covered with asphalt. The outside area excavation was performed using a Bobcat excavator supplemented by hand digging. The outline of the adjusted exterior excavation area was saw cut, the asphalt removed, and placed in a 20 cubic yard roll off container.

The exterior excavation began at the eastern end of the area shown on Figure 2 in order to minimize the potential to damage the structural supports of the adjacent bulkhead; additionally, the excavation proceeded in steps removing about one foot of soils at a time. Soils removed from the excavation were screened with a PID to determine the location of the most contaminated soil for excavation refinement

purposes, as well as to bias the chemical oxidant placement. As shown in the photographs (Attachment A), several pieces of the bulkhead structural support system were encountered. The excavation proceeded from east to west until PID readings indicated a localized area of shallow soil contamination immediately adjacent to the building wall, just outside the former dry cleaning machine's location. In this area, the excavation was advanced to a depth of approximately five to six feet below grade to remove as much impacted soil as possible. The area of the most impacted soils was discovered in the northwestern corner of the excavation beginning at a depth of approximately 2½ feet and continued west toward the building footing. The contractor removed as much material as could be reached without undermining the building foundation. PID readings indicated that some localized residual impacted soils remained directly underneath the building footing.

The placement of the chemical oxidant in the exterior excavation was biased towards the identified area of contaminated soils adjacent to the building and along the long axis of the groundwater plume. Additionally, underground obstructions related to the support system for the adjacent bulkhead prevented the exterior excavation from being advanced to six feet in certain locations. Thus, the deepest areas were the very middle of the square excavation area and the northwest corner parallel to the building footing (Photographs -Attachment A).

Similar to the interior phase, the potassium permanganate was mixed with silica sand and placed at the bottom of the excavation. Approximately two-thirds (15 pails) of the chemical oxidant was placed in the northwest corner and one-third (8 pails) placed in the center of the excavation at a depth of between five and six feet below grade. A total of approximately 1,300 pounds of potassium permanganate was emplaced outside the building.

Following the excavation and chemical placement, the excavated area was backfilled in 1-foot lifts. Each 1-foot of backfill was compacted to prevent settling. The upper 6-8 inches was filled with RCA (recycled concrete aggregate) and compacted. Approximately 30 cubic yards of soils were excavated during the exterior phase and accordingly approximately 25 cubic yards of backfill was used. Several large pieces of concrete unearthed during the excavation (which showed no visual or olfactory contamination) were put back in to the excavated area. No soils removed were used as backfill.

In total, approximately 56.5 tons or 42 cubic yards of material was removed for disposal from both the interior and exterior excavation activities and a total of approximately 2,900 pounds of potassium permanganate was utilized for ISCO application.

2.3.4 Post-Exterior Excavation Groundwater Monitoring

On April 4, 2008, approximately one week after the exterior excavation and oxidant placements, URS personnel returned to the site to observe the installation of the vacuum pump for the SVE system. On that day, two monitoring wells, MW-1S and MW-4S, were sampled using the portable colorimetric meter. The results showed residual permanganate concentrations of 68.5 mg/L in MW-1S and 104.1 mg/L in MW-4S. The adjacent tidal creek was also sampled on this date using the portable colorimetric meter; no

concentration of the chemical was detected in the creek water and no discoloring of the creek was observed.

2.3.5 Excavated Soil Characterization, Removal and Disposal

The excavated soil was characterized for disposal purposes at Long Island Analytical Laboratories, Incorporated of Holbrook, New York (NYSDOH Certification No. 11693). Characterization sampling included VOCs by USEPA Method 8260.The excavated soils were transported by and disposed of at CWM Chemical Services, LLC of Model City, New York, following local, state and federal regulations. Executed manifests, weight tickets, and laboratory characterization data are presented as Attachment B. A total of 56.5 tons of soil was removed from the site, and landfilled at Model City, which is a licensed transfer storage and disposal facility (TSDF).

2.4 SOIL VAPOR EXTRACTION SYSTEM

A SVE system was installed as part of the IRM to mitigate soil gas from under the building and to allow for the continued treatment of the source area. The SVE system layout is shown in Figure 3. As previously described a shallow trench eight to 12 inches bgs was excavated during the exterior phase for the SVE system and trenches were also excavated inside the building and backfilled to one foot bgs for the placement of the SVE piping. Four-inch diameter schedule 40 slotted PVC piping was installed; non-woven geotextile fabric wrapped around the pipe; the pipe was backfilled with crushed stone pipe bedding material (pea gravel) and finished on the surface with 3,000 PSI concrete with wire mesh (inside the building) and recycled concrete aggregate outside.

Two main leaders were installed inside the building as shown on Figure 3. These two subslab leaders connect to a common exterior sub grade header pipe, which in turn connects to an Industrial Plastic Fan Model CMV vacuum pump capable of a 60 CFM flow rate in the building's utility room and exhausts above the roofline (Photographs - Attachment A). This SVE system will operate at a low vacuum setting to allow for negative pressure at the source area. Subsequent to the IRM implementation (source area excavation and treatment), it is not anticipated that VOCs concentration in the air discharge will be at concentrations that will require air permitting. Following the installation of the vacuum pump, the system was briefly tested to assure the pump was in good working order, wired correctly, and there were no obstructions in the SVE piping. The system will be turned on in coordination with the NYSDEC after the first post-injection ground water sampling event; currently scheduled for early July 2008.

2.5 POST-ISCO MONITORING

Groundwater samples will be collected in early July 2008. One replacement monitoring-well (MW-13) was installed on June 23, 2008 in the center of the exterior excavated area along the central axis of the groundwater plume identified during the remedial investigation (Figure 4). This well was screened from 3-13 feet bgs (shallow water table aquifer). Groundwater sampling and analyses will be conducted as summarized in Table 1, which reflects existing monitoring wells and the new replacement well. This initial sampling event is focused on assessing the shallow ground water conditions and is limited to six monitoring wells, since groundwater concentrations may still be transient from ISCO application. URS

will prepare a report summarizing this ground water sampling event and, based on the concentrations detected, will target a date for start-up of the SVE system in conjunction with the NYSDEC. More comprehensive groundwater sampling is proposed for October 2008, which is approximately six months post ISCO.

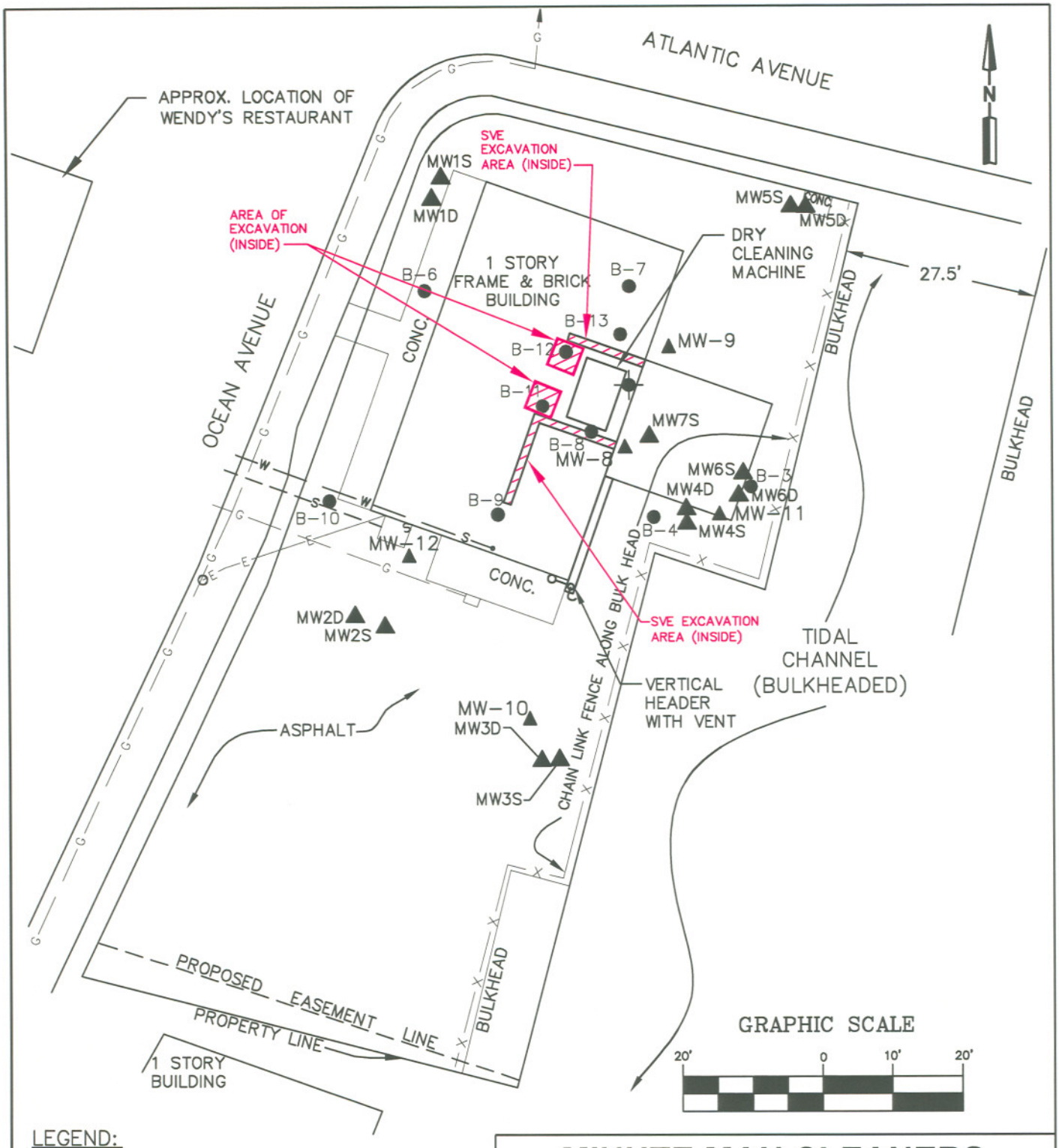
TABLES

Table 1
Groundwater Sampling Plan
Interim Remedial Measure
Minute Man Cleaners
89 Ocean Avenue, East Rockaway, N.Y.
URS Project # 38580332

Monitoring Well Number	Date of Installation	Total Depth (feet bgs)	Screened Interval (ft bgs)	Laboratory Analysis
				TCL VOCs by EPA Method 8260B
MW-1S	10/11/06-10/13/06	22	17-22	X
MW-1D	10/11/06-10/13/06	27	22-27	
MW-2S	10/11/06-10/13/06	22	17-22	
MW-2D	10/11/06-10/13/06	30	25-30	
MW-3S	10/11/06-10/13/06	23	18-23	
MW-3D	10/11/06-10/13/06	29	24-29	
MW-4S	10/11/06-10/13/06	22	17-22	X
MW-4D	10/11/06-10/13/06	28	23-28	
MW-5S	10/11/06-10/13/06	22	17-22	
MW-5D	10/11/06-10/13/06	27	22-27	
MW-6S	10/11/06-10/13/06	22	17-22	
MW-6D	10/11/06-10/13/06	30	25-30	
MW-7S	10/11/06-10/13/06	22	17-22	
MW-8	5/3/2007	13	3-13	
MW-9	5/3/2007	13	3-13	X
MW-10	5/3/2007	13	3-13	X
MW-11	5/3/2007	13	3-13	
MW-12	5/3/2007	13	3-13	X
MW-13	6/23/2008	13	3-13	X

Well closed per NYSDEC requirements during the exterior remedial excavation phase.

FIGURES



LEGEND:

- SUPPLEMENTAL BORING AND ISCO PLACEMENT POINT
- MONITORING WELL
- SOIL BORING
- DECOMMISSIONED MONITORING WELLS (MW-4S AND MW-4D WERE NOT DECOMMISSIONED)
- AREA OF EXCAVATION
- SVE EXCAVATION AREA

MINUTE MAN CLEANERS
89 OCEAN AVENUE
EAST ROCKAWAY, NEW YORK

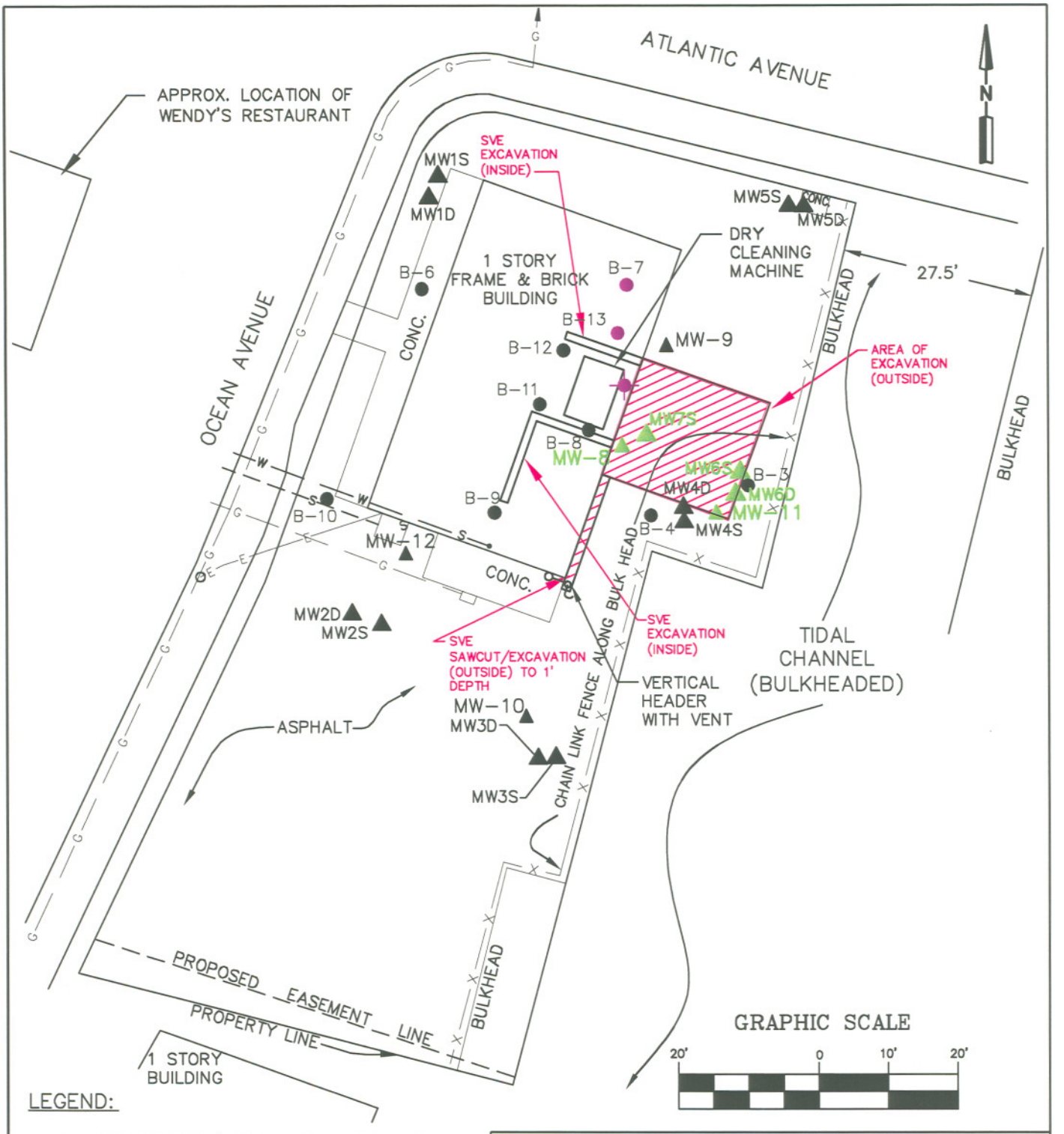
IRM INTERIOR EXCAVATION AREAS

URS
URS CORP - NEW YORK
5 PENN PLAZA, 15th FL.
NEW YORK, NY, 10001
PHONE: (212) 840-0595
FAX: (212) 921-0388

DATE: 5/16/08
JOB: 38580332

FIGURE 1

K:\Cadd\38580332(MINUTE MAN)\IRM-FIELD REPORT-APRIL'08\80332001-IRM-FIG.1.dwg, 7/1/2008 1:19:00 PM



MINUTE MAN CLEANERS
89 OCEAN AVENUE
EAST ROCKAWAY, NEW YORK

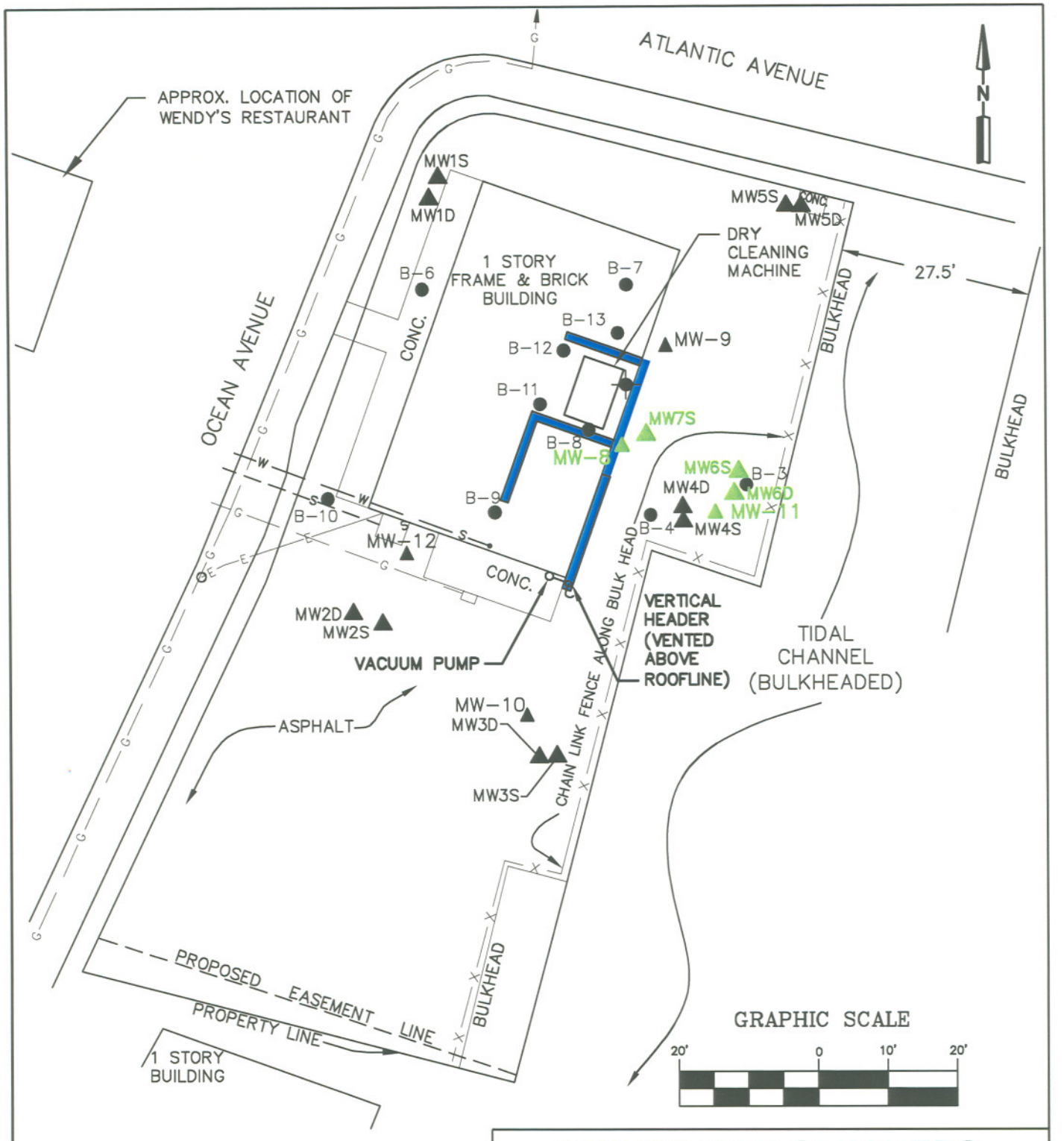
IRM EXTERIOR EXCAVATION AREA AND DECOMMISSIONED WELLS

URS
URS CORP - NEW YORK
5 PENN PLAZA, 15th FL.
NEW YORK, NY, 10001
PHONE: (212) 840-0595
FAX: (212) 921-0388

DATE: 5/16/08
JOB: 38580332

FIGURE 2

K:\Cadd\38580332(MINUTE MAN)\IRM-FIELD REPORT-APRIL'08\80332002-IRM-FIG.2.dwg, 7/1/2008 1:20:39 PM



MINUTE MAN CLEANERS
89 OCEAN AVENUE
EAST ROCKAWAY, NEW YORK

SVE SYSTEM LAYOUT AS BUILT

LEGEND:

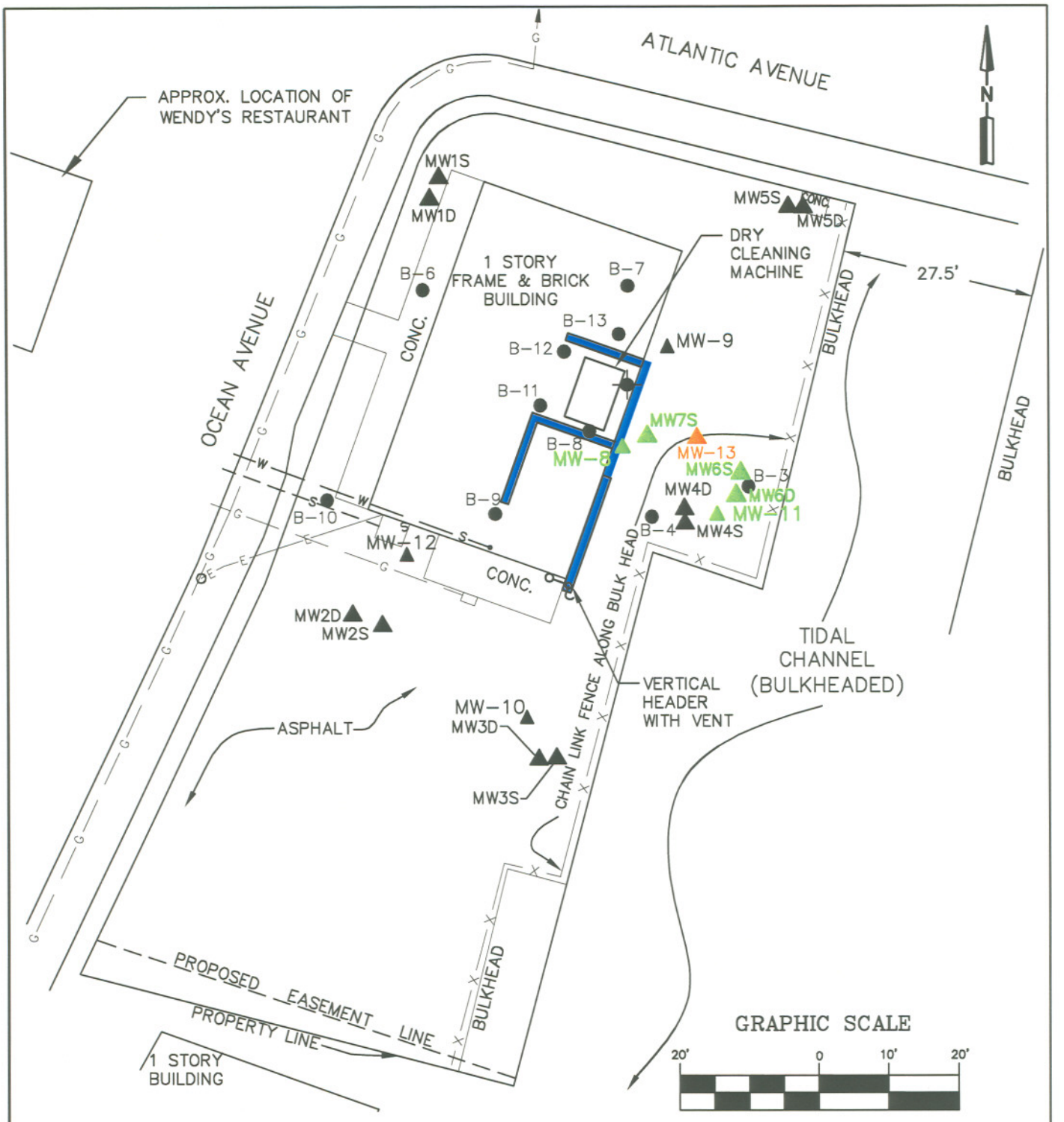
- ▲ MONITORING WELL
- ● SOIL BORING
- ▲ DECOMMISSIONED MONITORING WELLS (MW-4S AND MW-4D WERE NOT DECOMMISSIONED)
- SVE PIPE LOCATION AREA

URS
URS CORP - NEW YORK
5 PENN PLAZA, 15th FL.
NEW YORK, NY, 10001
PHONE: (212) 840-0595
FAX: (212) 921-0388

DATE: 5/16/08
JOB: 38580332

FIGURE 3

K:\Cadd\38580332(MINUTE MAN)\IRM-FIELD REPORT-APRIL'08\80332003-IRM-FIG.3.dwg, 7/1/2008 1:21:44 PM



LEGEND:

- ▲ MONITORING WELL
- ● SOIL BORING
- ▲ DECOMMISSIONED MONITORING WELLS (MW-4S AND MW-4D WERE NOT DECOMMISSIONED)
- ▲ NEW MONITORING WELL (JUNE 2008)
- SVE EXCAVATION AREA

MINUTE MAN CLEANERS
89 OCEAN AVENUE
EAST ROCKAWAY, NEW YORK

NEW MONITORING WELL LOCATION

URS
URS CORP - NEW YORK
5 PENN PLAZA, 15th FL.
NEW YORK, NY, 10001
PHONE: (212) 840-0595
FAX: (212) 921-0388

DATE: 5/16/08
JOB: 38580332

FIGURE 4

K:\Cadd\38580332(MINUTE MAN)\IRM-FIELD REPORT-APRIL'08\80332004-IRM-FIG.4.dwg, 7/1/2008 1:23:07 PM

APPENDIX A

IRM Work Photographs

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Interior Photographs	38580332

Photo No.	Date:
1	2/26/08

Description:

2 Inch x 4 Inch Studs being installed for Interior Containment Area

Photo No.	Date:
2	3/26/08

Description:

View of 4 foot x 4 foot Interior Excavation at Boring B-12

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Interior Photographs	38580332

Photo No.	Date:
3	3/26/08

Description:

Close Up of 4 foot x 4 foot Interior Excavation at Boring B-12

Photo No.	Date:
4	3/26/08

Description:

View of Chemical Oxidant being placed in 4 foot x 4 foot Interior Excavation at Boring B-12

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Exterior Photographs	38580332

Photo No.	Date:
5	2/26/08

Description:

Soil Vapor Extraction Pump in the Boiler Room

Photo No.	Date:
6	3/26/08

Description:
Soil Vapor Extraction System Discharge Point outside building

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Exterior Photographs	38580332

Photo No.	Date:
7	3/26/08

Description:

Soil Vapor Extraction System entering the boiler room

Photo No.	Date:
8	3/25/08

Description:

Exterior Excavation Area with Bulkhead Tieback Components Exposed

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Exterior Photographs	38580332

Photo No.	Date:
9	3/26/08

Description:

Chemical Oxidant being mixed with Silica Sand prior to placement in the Exterior Excavation

Photo No.	Date:
10	3/26/08

Description:

Chemical oxidant in place next to building at the source area.

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Exterior Photographs	38580332

Photo No.	Date:
11	3/26/08

Description:

Chemical oxidant in place in center of the exterior excavation

Photo No.	Date:
12	3/26/08

Description:

Exterior excavation backfilling

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Exterior Photographs	38580332

Photo No.	Date:
13	3/26/08

Description:

Center of exterior excavation backfilled

Photo No.	Date:
14	3/27/08

Description:

Exterior excavation area backfilled before placement of recycled concrete aggregate

URS
5 Penn Plaza, 15th Floor
New York, NY 10001
Phone: 212-840-0595
Facsimile: 212-921-0388

PHOTOGRAPHIC DOCUMENTATION

CLIENT NAME:	PROJECT NAME:	URS PROJECT:
Ben Ley Enterprises, Inc.	Minute Man Cleaners: Exterior Photographs	38580332

Photo No.	Date:
15	3/27/08

Description:

Exterior Area completely backfilled and restored

APPENDIX B

Executed Manifests, Weight Tickets, and Laboratory Disposal Characterization Data

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

161044 — 20 Cubic Yards

Receipt # — Trailer License Plate # and State: PJ1625K (A)

Service Req. # 930137 — Profile # 296003 — Permit # PA-263

Transporter Name: HARWICK — Tractor/Trailer/Roll-off #: 558/318/20-35

Driver's Name: Emil DeMarco — Generator: Mintreman

Scheduled Arrival: Date _____ Time _____

Actual Arrival: Date _____ Time In 1101 Time Out 1320

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials _____ Comments _____

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify) _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In _____ Time Out _____ Initials _____ Comments _____

Stabilization
Time In _____ Time Out _____ Initials _____ Gross Wt. _____ Comments _____

Landfill
Time In _____ Time Out _____ Initials _____ Comments _____

Other
Time In _____ Time Out _____ Initials _____ Comments _____

Aqueous Treatment
Time In _____ Time Out _____ Signature (NO Initials) _____ Comments _____

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas
_____ Failure to obey instructions of facility personnel
_____ Failure to wear appropriate PPE
_____ Unsafe driving practices
_____ Other (specify) _____

_____ Leaving truck unattended
_____ Failure to display overweight flag
_____ Improper tarping or detarpin
_____ Overweight upon arrival

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

Brookside Environmental, Inc.

April 24, 2008

URS Corporation
5 Penn Plaza, 15th Floor
New York, NY 10001

Attention: Mr. Kurt Stokes

Re: Provision of Clean Fill
Minuteman Dry Cleaner
East Rockaway, New York

Dear Mr. Stokes:

Brookside Environmental recently completed interim remedial measures at the Minuteman Cleaners in East Rockaway, New York. During this project, Brookside imported clean fill for use as backfill both inside the building and in the back. The sand used was clean bank run sand from a virgin sand pit in eastern Long Island. Due to site restrictions, the sand was delivered in small quantities by Liotta and Sons of Island Park, New York.

In the rear of the building, the excavation was backfilled with sand and was then covered by a layer of recycled concrete aggregate (RCA). This concrete material was also provided by Liotta and Sons and consisted of crushed pieces of clean concrete.

Brookside Environmental appreciates the opportunity to provide remedial services on this project and looks forward to future work with URS. If you have any further questions concerning this project, please do not hesitate to call.

Sincerely,

Richard V. Taylor
Brookside Environmental, Inc.

RVT:tb

757 Foxhurst Road • Baldwin, NY 11510 • (516) 377-6300 • Fax (516) 377-6846

LONG ISLAND ANALYTICAL LABORATORIES INC.

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

February 28, 2008

Brookside Environmental
Richard Taylor
757 Foxhurst Road
Baldwin, NY 11510

Re: Minute Man Cleaners, East Rockaway

Dear Mr. Taylor:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on February 28, 2008. Long Island Analytical Laboratories analyzed the samples on February 28, 2008 for the following:

CLIENT ID	ANALYSIS
ROS-1	EPA 8260

Samples received at 3°C.
Report revision dated March 3, 2008.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted above. Report shall not be reproduced except in full, without the written approval of the laboratory. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Client: Brookside Environmental	Client ID: Minute Man Cleaners (ROS-1)
Date received: 2/28/08	Laboratory ID: 1153540
Date extracted: 2/28/08	Matrix: Soil
Date analyzed: 2/28/08	ELAP #: 11693

EPA METHOD 8260

PARAMETER	CAS No.	MDL	RESULTS ug/kg	Flag
DICHLORODIFLUOROMETHANE	75-71-8	5 ug/kg	<5	
CHLOROMETHANE	74-87-3	5 ug/kg	<5	
VINYL CHLORIDE	75-01-4	5 ug/kg	<5	
BROMOMETHANE	74-83-9	5 ug/kg	<5	
CHLOROETHANE	75-00-3	5 ug/kg	<5	
TRICHLOROFLUOROMETHANE	75-69-4	5 ug/kg	<5	
1,1-DICHLOROETHENE	75-35-4	5 ug/kg	<5	
METHYLENE CHLORIDE	75-09-2	5 ug/kg	<5	
trans-1,2-DICHLOROETHENE	156-60-5	5 ug/kg	<5	
1,1-DICHLOROETHANE	75-34-3	5 ug/kg	<5	
2,2-DICHLOROPROPANE	594-20-7	5 ug/kg	<5	
cis-1,2-DICHLOROETHENE	156-59-2	5 ug/kg	<5	
BROMOCHLOROMETHANE	74-97-5	5 ug/kg	<5	
CHLOROFORM	67-66-3	5 ug/kg	<5	
1,1,1-TRICHLOROETHANE	71-55-6	5 ug/kg	<5	
CARBON TETRACHLORIDE	56-23-5	5 ug/kg	<5	
1,1-DICHLOROPROPENE	563-58-6	5 ug/kg	<5	
BENZENE	71-43-2	5 ug/kg	<5	
1,2-DICHLOROETHANE	107-06-2	5 ug/kg	<5	
TRICHLOROETHENE	79-01-6	5 ug/kg	<5	
1,2-DICHLOROPROPANE	78-87-5	5 ug/kg	<5	
DIBROMOMETHANE	74-95-3	5 ug/kg	<5	
BROMODICHLOROMETHANE	75-27-4	5 ug/kg	<5	
cis-1,3-DICHLOROPROPENE	10061-01-5	5 ug/kg	<5	
TOLUENE	108-88-3	5 ug/kg	<5	
trans-1,3-DICHLOROPROPENE	10061-02-6	5 ug/kg	<5	
1,1,2-TRICHLOROETHANE	79-00-5	5 ug/kg	<5	
TETRACHLOROETHYLENE	127-18-4	5 ug/kg	359	
1,3-DICHLOROPROPANE	142-28-9	5 ug/kg	<5	
DIBROMOCHLOROMETHANE	124-48-1	5 ug/kg	<5	
1,2-DIBROMOETHANE	106-93-4	5 ug/kg	<5	
CHLOROBENZENE	108-90-7	5 ug/kg	<5	
1,1,1,2-TETRACHLOROETHANE	630-20-6	5 ug/kg	<5	
ETHYLBENZENE	100-41-4	5 ug/kg	<5	
STYRENE	100-42-5	5 ug/kg	<5	
BROMOFORM	75-25-2	5 ug/kg	<5	

MDL = Minimum Detection Limit. Calculated on a wet weight basis

3 of 3 pages

Client: Brookside Environmental	Client ID: Minute Man Cleaners (ROS-1)
Date received: 2/28/08	Laboratory ID: 1153540
Date extracted: 2/28/08	Matrix: Soil
Date analyzed: 2/28/08	ELAP #: 11693

EPA METHOD 8260

PARAMETER	CAS No.	MDL	RESULTS ug/kg	Flag
ISOPROPYLBENZENE	98-82-8	5 ug/kg	<5	
BROMOBENZENE	108-86-1	5 ug/kg	<5	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5 ug/kg	<5	
1,2,3-TRICHLOROPROPANE	96-18-4	5 ug/kg	<5	
n-PROPYLBENZENE	103-65-1	5 ug/kg	<5	
2-CHLOROTOLUENE	95-49-8	5 ug/kg	<5	
4-CHLOROTOLUENE	106-43-4	5 ug/kg	<5	
1,3,5-TRIMETHYLBENZENE	108-67-8	5 ug/kg	<5	
tert-BUTYLBENZENE	98-06-6	5 ug/kg	<5	
1,2,4-TRIMETHYLBENZENE	95-63-6	5 ug/kg	<5	
sec-BUTYLBENZENE	135-98-8	5 ug/kg	<5	
1,3-DICHLOROBENZENE	541-73-1	5 ug/kg	<5	
P-ISOPROPYLTOLUENE	99-87-6	5 ug/kg	<5	
1,4-DICHLOROBENZENE	106-46-7	5 ug/kg	<5	
1,2-DICHLOROBENZENE	95-50-1	5 ug/kg	<5	
n-BUTYLBENZENE	104-51-8	5 ug/kg	<5	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5 ug/kg	<5	
1,2,4-TRICHLOROBENZENE	120-82-1	5 ug/kg	<5	
HEXACHLOROBUTADIENE	87-68-3	5 ug/kg	<5	
NAPHTHALENE	91-20-3	5 ug/kg	<5	
1,2,3-TRICHLOROBENZENE	87-61-6	5 ug/kg	<5	
2-CHLOROETHYLVINYL ETHER	110-75-8	5 ug/kg	<5	
ACETONE	67-64-1	50 ug/kg	<50	
METHYL ETHYL KETONE	78-93-3	10 ug/kg	<10	
METHYL ISOBUTYL KETONE	108-10-1	5 ug/kg	<5	
p & m-XYLENES	1330-20-7	10 ug/kg	<10	
o-XYLENE	1330-20-7	5 ug/kg	<5	
CARBON DISULFIDE	751-15-0	5 ug/kg	<5	
MTBE	1634-04-4	5 ug/kg	<5	
VINYL ACETATE	108-05-4	5 ug/kg	<5	
2-HEXANONE	591-78-6	5 ug/kg	<5	
Freon 113	76-13-1	5 ug/kg	<5	

MDL = Minimum Detection Limit. Calculated on a wet weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-6505 • Email: LIAL@lialinc.com

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

161011

20
Cubic Yards

816236?7 — Receipt #
P??L35K PA NY — Trailer License Plate # and State
??61?? — Service Req. #
?96003 — Profile #
?? ?1? — Permit #
Heavitt — Transporter Name
??8131810110 — Tractor/Trailer/Roll-off #
?? — Driver's Name
Mintonna — Generator

SCALE 1 75820 LB G
08:40 AM 03/28/08 I2

SCALE 2 40340 LB G
10:40 AM 03/28/08 I2
35430P

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: ______ Date 931 Time In ______ Time Out

Arrived during Blackout? Y / N   Notified DEC? Y / N

Receiving: ?? Initials ______ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation
☐ Other (specify ______

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory ______ Time In ______ Time Out ?? Initials ______ Comments

Stabilization ______ Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments

Landfill ______ Time In ______ Time Out ______ Initials ______ Comments

Other ______ Time In ______ Time Out ______ Initials ______ Comments

Aqueous Treatment ______ Time In ______ Time Out ______ Signature (NO Initials) ______ Comments

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Failure to obey instructions of facility personnel
______ Failure to wear appropriate PPE
______ Unsafe driving practices
______ Leaving truck unattended
______ Failure to display overweight flag
______ Improper tarping or detarpin
______ Overweight upon arrival
______ Other (specify) ______

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

#20110

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD119255362	2	800-350-2190	000096930 JJK

GENERATOR

5. Generator's Name and Mailing Address: Minuteman Cleaners, 89 Ocean Ave., East Rockaway, NY 11518-2004
Generator's Site Address (if different than mailing address):
Generator's Phone: (516-599-1314)

6. Transporter 1 Company Name: Horwith Trucks Inc. — U.S. EPA ID Number: PAD146714878

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CWM Services, LLC, 1550 Balmer Road, Model City, New York 14107 — U.S. EPA ID Number: NYD049836679
Facility's Phone: (716)-754-8231

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, Hazardous Waste Solid, N.O.S. 9, NA3077, P.G. III (FOO1)	001	CM	Est. 15	T	FOO1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
#1623627
SR# 870127-1 CWMI Profile #NY296C03 MDC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Maloy — Signature — Month: 3 — Day: 10 — Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
William J Boatting Jr.		3	26	08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Eileen Carton		10	28	08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

160800 30 Cubic Yards

81623417 Receipt #
NY P771-25K PA Trailer License Plate # and State
Service Req. #
Profile #
Permit #
Transporter Name
Tractor/Trailer/Roll-off #
Driver's Name
Generator

SCALE 1 89940 LB G
09:36 AM 03/13/08 I2

SCALE 2 40400 LB G
10:34 AM 03/13/08 I2
49540

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: ______ Date 926 Time In ______ Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: ______ Initials ______ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify ______

☒ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory ______ Time In ______ Time Out ______ Initials ______ Comments

Stabilization ______ Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments

Landfill ______ Time In ______ Time Out ______ Initials ______ Comments

Other ______ Time In ______ Time Out ______ Initials ______ Comments

Aqueous Treatment ______ Time In ______ Time Out ______ Signature (NO Initials) ______ Comments

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas

______ Leaving truck unattended

______ Failure to obey instructions of facility personnel

______ Failure to display overweight flag

______ Failure to wear appropriate PPE

______ Improper tarping or detarpin

______ Unsafe driving practices

______ Overweight upon arrival

______ Other (specify) ______

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

#20-5

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD 119255362	1	800-350-2190	000096931 JJK

GENERATOR

5. Generator's Name and Mailing Address: MINUTEMAN CLEANERS, 89 OCEAN AVE., EAST ROCKAWAY, NEW YORK 11518-2004
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: HORWITH TRUCKS INC. — U.S. EPA ID Number: PAD146714878

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, LLC, 1550 BALMER RD., MODEL CITY, NEW YORK 14107 — U.S. EPA ID Number: NYD049836679
Facility's Phone: 716-754-8231

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ HAZARDOUS WASTE SOLID, N.O.S 9, NA3077 P.G.III (F001)	001	CM	EST. 15	T	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: Reid 29820P
SR#870127-3 81623662 CWMI PROFILE #NY296003 MOC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Manley — Signature: [signature] — Month 3 Day 27 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William J Bartfigen — Signature: [signature] — Month 3 Day 27 Year 08
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Eileen Carter — Signature: Eileen Carter — Month 4 Day 1 Year 08

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

161092

20
Cubic Yards

81623710 — Receipt #
PT1625K PA — Trailer License Plate # and State

570888 — Service Req. #
396003 — Profile #
PA-263 — Permit #

Horwith — Transporter Name
588/318/5C121 — Tractor/Trailer/Roll-off #

Emil Solderitz — Driver's Name
Generator

SCALE 2 47860 LB G
10:54 AM 04/04/08 12

12200T

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: ______ Date 925 Time In ______ Time Out

Arrived during Blackout? Y / N   Notified DEC? Y / N

Receiving: ______ Initials ______ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify ______

☑ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory	Time In	Time Out	Initials	Comments	
Stabilization	Time In	Time Out	Initials	Gross Wt.	Comments
Landfill	Time In	Time Out	Initials	Comments	
Other	Time In	Time Out	Initials	Comments	
Aqueous Treatment	Time In	Time Out	Signature (NO Initials)	Comments	

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Failure to obey instructions of facility personnel
______ Failure to wear appropriate PPE
______ Unsafe driving practices
______ Other (specify) ______

______ Leaving truck unattended
______ Failure to display overweight flag
______ Improper tarping or detarpin
______ Overweight upon arrival

Security Guard Initials: ______
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD119255362
2. Page 1 of: 1
3. Emergency Response Phone: 800-350-2190
4. Manifest Tracking Number: 000096932 JJK

GENERATOR

5. Generator's Name and Mailing Address: MINUTEMAN CLEANERS, 89 OCEAN AVE., EAST ROCKAWAY, NEW YORK 11518-2004
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: HORWITH TRUCKS, INC.
U.S. EPA ID Number: PAD 146714878

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, LLC, 1550 BALMER RD., MODEL CITY, NEW YORK 14107
U.S. EPA ID Number: NY0049836679
Facility's Phone: 716-754-8231

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ HAZARDOUS WASTE SOLID, N.O.S. 9, NA3077 P.G. III (F001)	001	CM	EST 15	T	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
81623710
SR# 870889-3 CWMI PROFILE # NY296003 MOC

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Mumley
Signature:
Month: 3 Day: 27 Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William J Boettger
Signature:
Month: 3 Day: 27 Year: 08

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
qty est actual rec 1.22 CP
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: EILEEN CARTER
Signature:
Month: 4 Day: 4 Year: 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

161022 — 20 Cubic Yards

5/6a2638 — Receipt #
2T625K-PA — Trailer License Plate # and State
Service Req. # — 296003 Profile # — PA 363 Permit #
HORWITH — Transporter Name
SS8/315/30101 — Tractor/Trailer/Roll-off #
Smit Snidecitz — Driver's Name
Mountaman — Generator

Scheduled Arrival: ____ Date ____ Time

Actual Arrival: ____ Date ____ Time In 729 ____ Time Out 3540 P

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: ✓ Initials ____ Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify) ____

☑ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In | Time Out | Initials | Comments

Stabilization
Time In | Time Out | Initials | Gross Wt. | Comments

Landfill
Time In | Time Out | Initials | Comments

Other
Time In | Time Out | Initials | Comments

Aqueous Treatment
Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

____ Smoking or eating in prohibited areas
____ Failure to obey instructions of facility personnel
____ Failure to wear appropriate PPE
____ Unsafe driving practices
____ Other (specify) ____

____ Leaving truck unattended
____ Failure to display overweight flag
____ Improper tarping or detarpin
____ Overweight upon arrival

Security Guard Initials: ____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

20101

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD119255362
2. Page 1 of: 1
3. Emergency Response Phone: 800-350-2190
4. Manifest Tracking Number: 000096933 JJK

GENERATOR

5. Generator's Name and Mailing Address: MINUTEMAN CLEANERS, 89 OCEAN AVE., EAST ROCKAWAY, NEW YORK 11518-2004
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: HORNITH TRUCKS, INC.
U.S. EPA ID Number: PAD146714878

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CWM CHEMICAL SERVICES, LLC, 1550 BALMER RD., MODEL CITY, NEW YORK 14107
U.S. EPA ID Number: NYD049836679
Facility's Phone: 716-754-8231

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ HAZARDOUS WASTE SOLID, N.O.S. 9, NA3077 P.G. III (F001)	001	CM	EST 15	T	F001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
81623638 DGD 35440P
SR#870127-2 CWMI PROFILE # NY296003 MDC

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Mraly
Signature:
Month: 3 Day: 27 Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William J Boettger
Signature:
Month: 3 Day: 27 Year: 08
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: VELMA HOOKER
Signature:
Month: 03 Day: 31 Year: 08

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DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)