Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **B00052**

Site Name **Former Mohasco Mills Complex**

Site Address: Lyon Street & Forest Avenue Zip Code: 12010
City/Town: Amsterdam
County: Montgomery
Site Acreage: 16.0

Reporting Period: July 23, 2007 to June 30, 2012

	YES	NO
1. Is the information above correct?	■	□
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	□	■
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	□	■
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	□	■
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	□	■

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial or Passive Recreation	■	□
7. Are all ICs/ECs in place and functioning as designed?	■	□

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. B00052

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
40.13-7-2	City of Amsterdam	Ground Water Use Restriction Landuse Restriction Site Management Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
40.13-7-2	Cover System

Engineering Control Details for Site No. B00052

Parcel: 40.13-7-2

The engineering control consists of two feet of clean soil covering building debris and contaminated soil at the site. Proper slope and vegetative cover must be maintained.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my 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 the information presented is accurate and compete.

YES	NO
●	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
●	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. B00052

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 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 Richard C Miller (print name) at City of Amsterdam 61 Church St Amsterdam, NY 12010 (print business address),

am certifying as City Engineer (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

Date: 8/7/12

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 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 Richard C Miller at City of Amsterdam 61 Church St Amsterdam NY 12010
print name print business address

am certifying as a Qualified Environmental Professional for the City of Amsterdam
(Owner or Remedial Party)



Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

8/7/12
Date

Periodic Review Report
Mohasco Mills Complex
(NYSDEC Site Number B-00052-4)

EXECUTIVE SUMMARY

Summary

The Mohasco Mill Complex (the site) was a carpet manufacturing facility that operated from the late 1880s through 1984. Manufacturing processes conducted at the site consisted primarily of milling and weaving of raw materials and dye operations. Carpet manufacturing activities ceased in 1984, after which time the site was leased for use as storage and office space until 1992. Fires destroyed most of the buildings at the site in1992 and 1994. Debris from the buildings destroyed by the fire was left on-site and was used to backfill the building foundations. The city acquired the site in 1994. The site is currently unoccupied. Alternative remedial actions were investigated as part of the Remedial Alternatives Report of this site completed in January 2001. The Remedial Alternatives Report includes a complete discussion of the alternatives considered and the justification for the selection of this remedial action. This report is available to the public through the City and the document repository for this project. The selected remedial action consisted of the following tasks:

• A design program to provide the details necessary for the construction, operation and maintenance, and monitoring of the selected remedial alternative. Any uncertainties identified during the SI/RAR were resolved.

• Removal of debris along the stream bank.

• Those portions of the site which have PAH levels in excess of the site background levels were regraded and covered with a protective layer of two feet of clean soil for green spaces (i.e., areas not occupied by buildings, pavement or sidewalk). Beneath the two-foot soil layer, a geotextile fabric was installed to serve as a demarcation layer and to prevent inadvertent contact with contaminated soils.

• The soil cover material was sloped as necessary to allow for gradual elevation transition from paved areas on the site to the final grade of the soil cover.

• An environmental easement requiring owners to annually certify to the NYSDEC that the remedy and protective cover have been maintained and that the conditions at the site are fully protective of public health and the environment in accordance with the ROD for this site. Environmental easements also limit the uses of the property to recreational, commercial, or industrial.

• An environmental easement requiring that, if development or excavation occurs on site, any subsurface soils below the protective layer that are excavated will either have to be disposed of off site at an approved and permitted landfill in accordance with

NYSDEC regulations or redeposited on site, and covered by the filter fabric and a two foot soil cover. In the event that the excavation work involves redepositing soil from below the filter fabric demarcation layer on site, a soil management plan must first be submitted to and approved by the NYSDEC. The soil management plan includes detailed plans for sampling, staging, regrading, and covering the excavated soils.

• Demolition and on-site disposal of the Building 31 foundation including debris under the foundation.

• Removal and off-site disposal of pesticide contaminated sludge or soil in the drain lines in Building 7.

• Demolition of the foundations of Buildings 7, 7A, 11 and 26.

• Asbestos abatement and demolition of Buildings 20A, 36 and the smoke stack at the former steam power plant building.

• Decommissioning of monitoring wells.

The removal and off-site disposal of sludge or soil in the drain lines in Building 7 addressed a local hot spot of potentially hazardous contamination. The demolition of the remaining foundations of Buildings 7, 7A, 11 and 26, and demolition of Buildings 20A and 36, eliminated a recognized public safety hazard. Similarly, Building 31 and the debris and physical hazards under the foundation were removed. The debris along the stream bank was removed, and the soils consolidated and regraded along the stream. The smokestack at the former steam power plant was demolished. The demolition and other debris was deposited and compacted at the location of the former Buildings 7, 7A, 11 and 26, and in an area immediately south of the former steam power plant. A layer of cushion soil and a geotextile fabric was placed over the graded debris, and a two-foot thick soil cover constructed. The soil-covered areas were seeded and grass established. Deed restrictions will control excavation and restrict the use of groundwater.

Effectiveness

The Remedial Program has proven effective in meeting the remedial objectives for the site.

Compliance

All areas of the site are in compliance with the major elements of the Site Management Plan.

Recommendations

No changes are needed to the Site Management Plan.

SITE OVERVIEW

The Mohasco Mill Complex (the site) was a carpet manufacturing facility that operated from the late 1880s through 1984. Manufacturing processes conducted at the site consisted primarily of milling and weaving of raw materials and dye operations. Carpet manufacturing activities ceased in 1984, after which time the site was leased for use as storage and office space until 1992. Fires destroyed most of the buildings at the site in1992 and 1994. Debris from the buildings destroyed by the fire was left on-site and was used to backfill the building foundations. The city acquired the site in 1994. The site is currently unoccupied. Alternative remedial actions were investigated as part of the Remedial Alternatives Report of this site completed in January 2001. The Remedial Alternatives Report includes a complete discussion of the alternatives considered and the justification for the selection of this remedial action. This report is available to the public through the City and the document repository for this project. The selected remedial action consisted of the following tasks:

• A design program to provide the details necessary for the construction, operation and maintenance, and monitoring of the selected remedial alternative. Any uncertainties identified during the SI/RAR were resolved.

• Removal of debris along the stream bank.

• Those portions of the site which have PAH levels in excess of the site background levels were regraded and covered with a protective layer of two feet of clean soil for green spaces (i.e., areas not occupied by buildings, pavement or sidewalk). Beneath the two-foot soil layer, a geotextile fabric was installed to serve as a demarcation layer and to prevent inadvertent contact with contaminated soils.

• The soil cover material was sloped as necessary to allow for gradual elevation transition from paved areas on the site to the final grade of the soil cover.

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• Removal and off-site disposal of pesticide contaminated sludge or soil in the drain lines in Building 7.

• Demolition of the foundations of Buildings 7, 7A, 11 and 26.

• Asbestos abatement and demolition of Buildings 20A, 36 and the smoke stack at the former steam power plant building.

• Decommissioning of monitoring wells.

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EVALUATE REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The remedy has achieved the remedial goals for the site. Site inspections have confirmed that the remedy is effective.

IC/EC PLAN COMPLIANCE

Institutional controls consist of groundwater use restriction, landuse restriction and a site management plan. The engineering controls consist of a cover system. The site is in compliance with the stated controls. No changes are required.

MONITORING PLAN COMPLIANCE

The monitoring plan consists of an annual inspection to insure the institutional and engineering controls are being maintained. The annual inspections have met all the site management plan requirements. No changes are required.

OVERALL PERIODIC REVIEW REPORT CONCLUSIONS AND RECOMMENDATIONS

The site is in compliance with the Site Management Plan. The remedy has been effective. The cover system has been effective in preventing contact with any contaminated material.

Signature of Owner's Representative

8/7/12
Date

City Engineer
City of Amsterdam

