

**NORTHEASTERN
ENVIRONMENTAL
TECHNOLOGIES CORP.**

ENC

6/18/2003

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June 16, 2003

Mr. William Blain
NYSDEC Region 4 Spill Unit
1150 North Westcott Rd.
Schenectady, New York 12306

RE: FAIRVIEW PLAZA HUDSON, NY SITE

Dear Mr. Blain:

I have revised our proposed work plan document as per your request. This document outlines the remedial measures considered appropriate for the Tetrachloroethene (PERC) contamination that remains at the site.

EXISTING CONDITIONS

The subject site, a 21.9 acres of retail plaza is located on Fairview Ave. (AKA Route 9) in the Town of Greenport, NY. The surrounding area is composed of a mixture of retail sales and similar commercial establishments. Municipal water and sewer services exist at the site and in the immediate study area. As you know the PERC contamination is attributed to historical dry cleaning activities that occurred at this portion of the site during the period from \pm 1972 – 1978. The soil contamination is located adjacent to the rear service entrance of the Wash Rite facility and has been confirmed to a maximum depth of 15 feet. Soil quality information identify TAGM soil cleanup level violations to be limited to the upper 2.0-foot soil horizon. The historical presence of low levels of PERC, Trichloroethene and cis-1,2, -Dichloroethene in groundwater are also limited to the rear of the Wash Rite facility. The lack of detectable levels of chlorinated organic compound in the network of wells surrounding the Wash Rite facility suggest a limited surface release of PERC east of the Wash Rite facility.

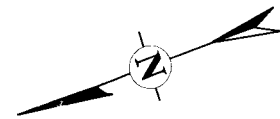
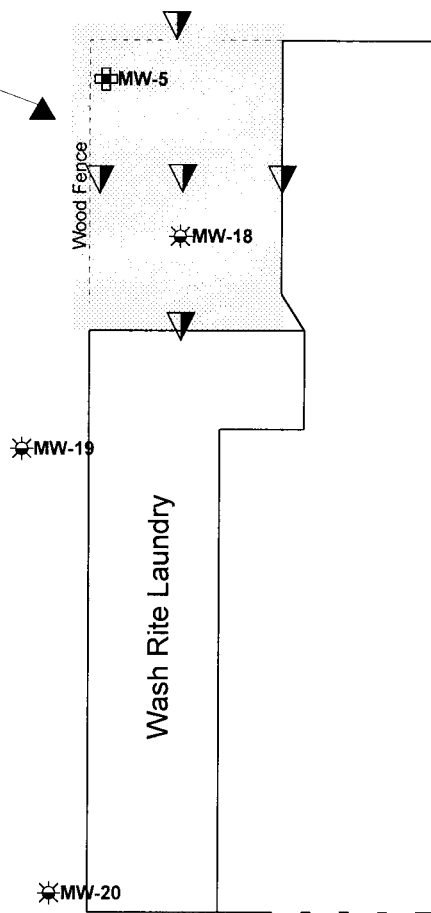
SOIL REMOVAL PROGRAM

To address the areas found to contain PERC soil contamination in a way protective of the environment we propose a focused soil removal program. The proposed soil removal area, \pm 40ft. x 40ft. x 15ft. is illustrated on Figure 1. The targeted soil removal depth is between 0 – 15 feet below grade. The maximum anticipated soil removal volume is \pm 888 cu. yds. Excavation dewatering will be performed on an as needed basis to facilitate the source removal program

NETC project geologist will direct the excavation services as well as perform all necessary inspection, air monitoring and end point sampling services. Real time soil gas screening techniques will include a combination of hand held PID equipment and a PhotoVac Model 10S70 field gas chromatography (GC) equipment. At a minimum (1) end point soil samples will be collected from each sidewall and from the base of the excavation. End point soil samples will be collected and analyzed for the chemical parameters inherent to the DEC STARS SW846-8260 testing criteria.

All contaminated soil (including all visible petroleum stained unimproved surfaces) will be staged on site on 6ML polysynthetic liners until off site disposal arrangements are made for the waste. Based on the available soil chemistry, it is presently anticipated that the majority of the PERC contaminated soil will be sufficiently below the DEC TAGM 4046 action levels to be considered a "contained out" chemical contaminant. We propose the use of laboratory method SW846-8260 and the DEC's STARS Memorandum No. 1 soil testing frequency to demonstrate the regulatory appropriateness for a "contained out" determination. All contaminated soil that meets the "contained in" criteria would be transported to the ChemWaste Management's Model City Hazardous Waste Landfill Facility located in Buffalo, NY.

Proposed Soil Removal Zone



LEGEND

- HSA Boring / 2-inch PVC Monitoring Well Location
- DPT Boring / 1-inch PVC Monitoring Well Location
- Proposed End Point Soil Sample

Notes:

- Map based on Hershberg & Hershberg map no. 000277 dated 9/27/00, revised 10/5/00.
- Well location based on field measurements.
- Elevations are in feet and based on a datum of 100.0 feet.

MW-21

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| | <p>NORTHEASTERN ENVIRONMENTAL TECHNOLOGIES CORP.</p> <p>2381 Route 9, P.O. Box 2167, Malta, NY 12020 Phone: (518) 899-9684 Fax: (518) 899-5973 e-mail: jwink@attglobal.net</p> | |
| <p>FIGURE 1: Proposed Soil Removal Zone</p> <p>PROJECT: Washrite Facility Fairview Plaza Hudson, New York</p> | | |
| Project # 02.05244 | Scale: 1" = 40.0' | Date: 4-18-03 |

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REPORTING SERVICES

A status report of findings will be prepared at the conclusion of the soil removal program. The report will be prepared and submitted to NYS Department of Environmental Conservation (DEC) or other assigned representative for formal consideration. The report will document all field activities, discuss the rationale and methods selected and identify all post excavation soil quality results.

NATURAL ATTENUATION MONITORING SERVICES

A groundwater-monitoring program will be instituted following the soil removal services to document natural attenuation rates for any residual PERC (and or its daughter compounds) contaminants of concern. Unless otherwise directed quarterly groundwater samples collected from the existing network of wells will be subjected to the EPA Method 8260 testing criteria or equivalent. Quarterly status reports will be generated and submitted to DEC to document the effectiveness of the proposed remedial measures.

Please contact me with any specific question and / or comments regarding the services outlined herein. The NETC organization and I remain available to assist you and the DEC with this important matter.

Sincerely,
Northeastern Environmental Technologies Corporation



Jeffrey T. Wink, President
JTW/epa

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**Northeastern Environmental
Technologies Corporation**

Fax

To: Mr. William Blain NYSDEC

From: Jeffrey T. Wink – President

Fax: (518) 357 - 2398

Pages: 4

Phone: (518) 357-2386

Date: 06/16/03

Re: FAIRVIEW PLAZA HUDSON, NY

CC: Mr. Tony Fabiano 822-1580

SITE (SPILL CASE # 0204750)

Urgent

For Review

Please Comment

Please Reply

Please Recycle

● **Comments:** Pursuant to our June 13, 2003 telephone conversation, I have revised the work plan document into the format you requested. Please contact me regarding your opinion on this work plan. Thank you in advance for your attention to this important matter.