

# HRP Associates, Inc.

Creating the Right Solutions Together

July 9, 2010

Mr. Lawrence J. Alden, P.E.  
NYSDEC - DER  
625 Broadway, 12<sup>th</sup> floor  
Albany, NY 12233-7016

**RE: SITE CHARACTERIZATION REPORT, RECOMMENDATIONS  
NATHAN'S WASTE AND PAPER STOCK (SITE ID#429012)  
ERIE TERRACE, AMSTERDAM, NY (MONTGOMERY CO.)**

Dear Mr. Alden:

In June 2010, HRP Engineering, P.C. has completed and submitted the final Site Characterization (SC) report for the Nathan's Waste and Paper Stock Site located on Erie Terrace in the City of Amsterdam, Montgomery County, New York.

The purpose of this Work Assignment was to conduct a SC to investigate on-site media potentially impacted by past operations as a lumber yard and a scrap metal and paper storage facility and to determine if any remediation would be required to address the impacted media. Based on the site investigation findings, the following recommendations are offered:

- The nature and extent of on-site subsurface soil contamination at a depth from zero to two feet below the ground surface (this includes the surficial and subsurface samples) has been determined to include significant levels of metals, and semi-volatiles. Based on these results, the subsurface soil has been impacted by past operations. Prior to any future redevelopment at the site, it is recommended that a limited subsurface soil remedial action be conducted to either remove or stabilize the contaminated on-site soil in exceedance of the appropriate Part 375-6 SCO use including the following areas:
  - AOC-1 (reported former battery storage area and site entrance);
  - AOC-2 (former tank area);
  - Soils adjacent to SS-1 [0-8 inches] (where the TCLP soil sample exceed the USEPA regulatory lead levels, indicating the soil could be considered hazardous waste); and
  - SS-5 (0-6 inches) where the high levels of contamination were detected in the soil.

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- As soil contamination levels did not achieve the unrestricted SCGs across the site, a site management plan for this site should be developed and implemented in accordance with NYSDEC DER-10.
- Based on the results of the sediment sampling, further investigation of the sediment area near SED-3 location should be conducted. This includes taking sediment core samples to determine where the contamination is concentrated (surface of core or farther below). Also, analyzing the samples for total organic content is recommended to compare the sediment results to NYSDEC Division of Fish, Wildlife and Marine Resources, "Technical Guidance for Screening Contaminated Sediments".
- The fence line for the site is not completely secure. There is a break in the fence line on the west side near the bike path that will allow people to gain access to the site. This break in the fence needs to be closed to eliminate the potential of residents or recreational users of the bike path to access the site and be exposed to on-site surficial soil contaminants.

If you have any questions or comments, please do not hesitate to contact us at (518) 877-7101.

Sincerely,

HRP ENGINEERING, P.C.



Nancy Garry, P.E.  
Senior Project Engineer



Jeffrey R. Sotek, CSP, CIH, P.E.  
Senior Project Manager