



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



September 12, 2005

Honorable Mayor Amento
Town of Hamden
Hamden Government Center
2750 Dixwell Avenue
Hamden, Connecticut 06518

Re: Mill Rock Park, Rochford Field & Sewer Pump Station, Connecticut
Review of the *Supplemental Phase III Data Investigation and Preliminary Remedial Action Plan*
Mill Rock Park, Sewer Pump Station & Rochford Field Hamden, Connecticut

Dear Mayor Amento:

The State of Connecticut Department of Environmental Protection (the Department) has received and reviewed the *Supplemental Phase III Data Investigation and Preliminary Remedial Action Plan Mill Rock Park, Sewer Pump Station & Rochford Field Hamden, Connecticut* (the Report), for the Mill Rock Park, Rochford Field & Sewer Pump Station submitted by Haley & Aldrich, Inc. (H&A), on behalf of the Town of Hamden (the Town), dated April 2005.

Mill Rock Park, Rochford Field & Sewer Pump Station (the Site) is being investigated and evaluated under Consent Order No. SRD-128, dated April 16, 2003, executed by Town of Hamden, RWA, Olin Corporation, State Board of Education and the Commissioner of the Department.

The Report summarizes the soil investigations to date and includes an assessment of the soil data, a discussion of the status of groundwater investigations, presents a conceptual site model, and an assessment of remedial alternatives and a preliminary remedial action plan. The investigation and cleanup approaches are based on the requirements of the Regulations of the Connecticut State Agencies, Remediation Standard Regulations (RSRs).

The Department's Determinations

The Department has reviewed the Report, and, based on that review and discussions with the Town and H&A, has the following findings and conditions of approval:

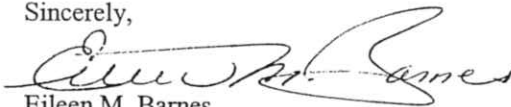
1. An evaluation of preferential pathways for the Site shall be conducted. The preferential pathways analysis shall include: a groundwater contour map with mapping of underground pathways/conduits (underground pipeline/conduit/tunnels associated with stormwater system, sanitary sewer, utilities, tunnels). This preferential pathway evaluation shall include an assessment of the potential for contaminate migration pathways and an investigation proposal for any such potential pathways. This evaluation shall be submitted to the Department in a Supplemental Phase III Data Investigation Report Addendum for review and approval.
2. Elevated concentrations of extractable petroleum hydrocarbons (ETPH) as well as aromatic volatile organic compounds (VOCs) and semi VOCs (SVOCs) were identified in the northern portion of Rochford Field. The geophysical survey that was conducted at Rochford Field did not indicate the presence of drums, however, several metallic hits were noted throughout the site. It was noted in the report that an oily sheen and petroleum odors were observed during the drilling of monitoring well RF-HA108-MW. Also, a similar oily sheen and petroleum odors were observed below the water table (approximately 6 feet below grade) in test pit, RF-HATP-7. Note that monitoring well RF-HA108-MW and test pit RF-HATP-7 are located in

the northern portion of Rochford Field. An evaluation shall be performed to determine if a non-aqueous phase liquid (NAPL) exists at the Site. In addition, an evaluation shall be performed to determine if a source area related to the hydrocarbon plume exists at the northern portion of the Site. These evaluations shall be submitted to the Department in a Supplemental Phase III Data Investigation Addendum for review and approval.

3. Review of the groundwater dated indicated that a summary of analytical data for monitoring well RF-HA119-MW was missing from the Department's copy of the Report. In addition, the analytical data for the February 10, 2005 sampling event for monitoring well RF-HA110-MW was not included on Table VI. The missing groundwater data shall be submitted to the Department in a Supplemental Phase III Data Investigation Addendum for review.

If at any time the Commissioner determines that the actions at the Site have not fully characterized the extent and degree of pollution or have not successfully abated or prevented pollution, the Commissioner may institute any proceeding, or take any action to require further investigation or further action to prevent or abate pollution. Pursuant to the Consent Order (No. SRD-128), Section B 3 (a), response to the abovementioned determinations is to be submitted to the Department on or before 30 days after the Town receiving this letter. If you have any questions regarding this matter, please contact Eileen M. Barnes at (860) 424-3090.

Sincerely,



Eileen M. Barnes
Environmental Analyst
Bureau of Waste Management
Remediation Section

EMB

G:Hamden/Parks/Letter DEP Determinations on H7A's Report April 2005

cc: Ann Catino, Halloran & Sage, LLP
Chris Harriman, H&A
William Kay, H&A
David Silverstone, Regional Water Authority
Thomas Chaplik, Regional Water Authority
Michael Manolakas, Leggette, Brashears & Graham, Inc.
Jeff Lennox, Leggette, Brashears & Graham, Inc.
Raymond Horn, Olin Corporation
Andy Danzig, Malcolm & Pirnie, Inc.
Brian Cutler, Loureiro Engineering Associates, Inc.
Meg Harvey, DPH
Elsie Patton, DEP (electronic copy)
Thomas RisCassi (electronic copy)
Public Information Repositories
Site file