

State of Vermont
Department of Environmental Conservation
Waste Management and Prevention Division
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(802.828.1138 (Main Switchboard))
chuck.schwer@state.vt.us

June 14, 2013

Mr. Jeff Rogers
University of Vermont-Safety Facility
667 Spear Street
Burlington VT 05405

RE: Site Management Activity Completed for UVM-CoGen Chilling Facility, Burlington, VT
SMS Site#20053455

Dear Mr. Rogers:

The Vermont Agency of Natural Resources (ANR) Sites Management Section (SMS) has reviewed the environmental investigation documentation that has been conducted for the UVM CoGen Chilling Facility (formerly referred to as Cage Central Heating Plant) located at the UVM Campus in Burlington, Vermont. This property was added to the Vermont Active Hazardous Sites List in 2005 due to the discovery of No. 6 fuel oil contaminated soils and assigned SMS Site#20053455. The SMS has evaluated this property for a 'Site Management Activity Completed (SMAC) designation and concludes the following:

- The UVM CoGen Chilling facility is located off of Main Street and University Place in Burlington. This building is used as a heating plant operated by UVM. This property once contained two 50,000 gallon No. 6 heating oil underground storage tanks that were contained in concrete vaults. The tanks were closed in place in May of 1997 in accordance with the UST Closure procedures. Watershed Environmental provided the environmental oversight and reported the tanks to be 21 years of age and in good condition (the vault and associated piping were later removed in 2007). During tank closure activities, no apparent contamination was encountered. Confirmatory soil and groundwater samples were collected and analyzed for the presence of petroleum. No impacts to the soils or groundwater were found and the SMS determined that no additional work was requested.
- In November 2005, the SMS received a letter from UVM –Physical Plant that petroleum contaminated soils were discovered in soil borings and test pits approximately 60 feet west of the closed in place USTs. The soil boring and test pit work were conducted for an upgrade project at the CoGen chilling facility. This property was added to the active sites list as SMS Site#20053455. Additional soil borings and test pits were performed. Soil samples were collected and analyzed for VOCs via 8260B; TPH via 8100 and RCRA 8 Metals. Results indicated no exceedances of soil screening values.
- In August 2007, UVM removed the concrete vault and associated piping to one of the previously closed #6 fuel oil tanks. Environmental oversight was conducted by EPS. The vault was reported to be filled with 3' of water and fuel oil. Approximately 150 gallons of liquid was removed and placed in 55 gallon drums for disposal. The fill and vent lines were reported to be in very good condition. Contaminated soils representing old weathered No. 6 fuel oil were encountered where the fill and vent piping entered the concrete vault. Approximately 14.78 tons of soils were removed and transported to ESMI located in Loudon, NH for disposal. No additional contamination was discovered and it was concluded that the extent of contamination was removed.



- A survey of potential sensitive receptor was conducted near this property. This property and surrounding properties are served by the Burlington municipal water and sewer system and not at risk from this residual contamination. All other identified receptors do not appear to be at risk.
- Site related groundwater monitoring wells were properly abandoned by Lincoln Applied Geology on May 31, 2013.

Based on the above, the SMS is assigning the UVM CoGen Chilling Facility a 'Site Management Activity Completed' designation. This SMAC designation does not release UVM of any past or future liability associated with any residual contamination that may remain onsite. It does, however, mean that the SMS is not requesting any additional work in response to the petroleum contamination encountered during the sewer line replacement work.

Please feel free to call either myself or Linda Elliott at 802-249-5479 if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chuck Schwer".

Chuck Schwer, Section Chief
Sites Management Section

c: via email
DEC Regional Office
Burlington Town Office

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