



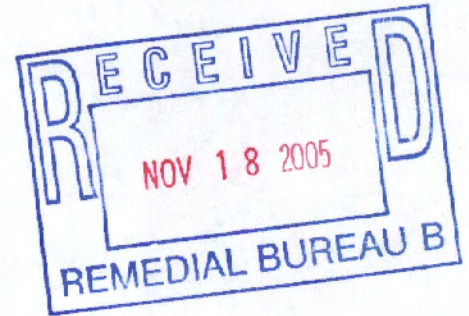
CONRAD GEOSCIENCE CORP.

Environmental Scientists

8 Raymond Avenue, Poughkeepsie, New York 12603 • 845/454-2544 • fax: 845/454-2655

MacCabe

November 11, 2005



Mr. Jack Harmon, On-Scene Coordinator
Removal Action Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
2890 Woodbridge Avenue
Edison, New Jersey 08837

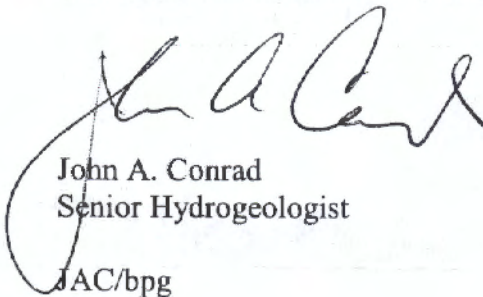
Re: **Quarterly Progress Reports**; Apple Valley Shopping Center Superfund Site,
Town of LaGrange, Dutchess County, NY
Index No. II-CERCLA-10224
Conrad Geoscience File #AL030070

Dear Mr. Harmon:

Enclosed, is our progress report for the period January through October, 2005.
Future progress reports will be issued to your office on a quarterly basis hereafter.

Sincerely,

CONRAD GEOSCIENCE CORP.


John A. Conrad
Senior Hydrogeologist

JAC/bpg

encl.

cc: D. Engel
J. Klein
M. Millspaugh
M. MacCabe
J. Crua
K. Comerford
D. MacDougal

**APPLE VALLEY SHOPPING CENTER SUPERFUND SITE
LaGrange, New York**

INDEX NO. II-CERCLA-10224

SITE STATUS UPDATE

for

JANUARY THROUGH OCTOBER 2005

Introduction

This report provides an update on the status of the Emergency Removal Action and Interim Remedial Measure currently underway at the Apple Valley Shopping Center Superfund Site (the "Site") for January through October 2005.

Status Update: January 2005

- 1/13: Conrad Geoscience inspected the air stripper, which was not functioning. Electrical service had been lost to the remediation trailer due to downed tree branches. The water line from Recovery Well AV-2 was frozen from power loss. Conrad Geoscience contacted pump and electrical contractors to schedule repairs.
- 1/21: Sterling Environmental Engineering submitted Interim Remedial Measure (IRM) Work Plan addendum to NYSDEC.
- 1/27: Conrad Geoscience performed a vapor intrusion assessment throughout the shopping center. Sub-slab, indoor and ambient outdoor air samples were collected. FoodTown

results indicated the need for mitigation, according to NYSDOH guidance. Absolute Pizza and Lagrange Pharmacy results indicated need for additional vapor intrusion monitoring.

- 1/31: Conrad Geoscience continued repairs on frozen water line causing malfunction remediation system.

Status Update: February 2005

- 2/4: Conrad Geoscience retained contractor J.T. Eckerson to clear AV-2 water line of ice.
- 2/9: J.T. Eckerson cleared AV-2 water line. Conrad Geoscience restarted air stripper, which resumed normal functioning.
- 2/23: Conrad Geoscience prepared for recovery well and monitoring well drilling and installation (IRM). Located and marked well locations to guide tree and brush clearing. Conrad Geoscience inspected the air stripper, which was functioning normally.

November 8, 2005

CONRAD GEOSCIENCE CORP.



Apple Valley Shopping Center
LaGrange, New York
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Site Status Update – January – October 2005
November 11, 2005

Status Update: March 2005

- 3/10: Conrad Geoscience submitted Vapor Intrusion Monitoring Report to NYSDEC.
- 3/17: IRM drilling postponed one week due to sever winter weather.
- 3/18: Conrad Geoscience inspected the air stripper, which was functioning normally. Conrad Geoscience mobilized field equipment for recovery well and monitoring well drilling and installation.
- 5/13: Completed drilling and installation of three new recovery wells and two monitoring wells.
- 5/18: Conrad Geoscience began recovery well and monitoring well development and drawdown pumping tests. Conrad Geoscience inspected the air stripper, which was functioning normally.

Status Update: April 2005

- 4/4: Began drilling and installation of Recovery Wells RW-1, RW-2 and RW-3; and Monitoring Wells MW-6 and MW-7, as per NYSDEC approved IRM Work Plan. Conrad Geoscience inspected the air stripper, which was functioning normally.
- 4/18: Conrad Geoscience inspected the air stripper, which was functioning normally.
- 4/25: Installed three additional sub-slab vapor sample ports in FoodTown for confirmatory vapor intrusion testing.
- 4/29: Collected vapor intrusion monitoring samples from Foodtown.
- 6/1: Conrad Geoscience inspected the air stripper, which was functioning normally.
- 6/9: Conrad Geoscience completed recovery well and monitoring well development and drawdown pumping tests. Began treatment and discharge of drilling water staged in on-site holding tank.
- 6/27: Sedimentation in stripper caused float switch tripping pump in AV-2. Conrad Geoscience inspected and serviced the air stripper.

Status Update: May 2005

- 5/2: Conrad Geoscience inspected the air stripper, which was functioning normally.
- 7/20: Site meeting with project engineer to make final selection of groundwater treatment system components.
- 7/26: Site meeting with equipment vendors to discuss design of groundwater treatment system. Serviced air stripper.



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Status Update August 2005

- 8/10: Design of pump control panel completed.
- 8/23: Proposal for sub-slab venting system for FoodTown part of shopping center submitted to NYSDEC.
- 8/25: Remediation pump control system purchased.

installation of three sub-slab venting locations, manifolded piping and common discharge location.

- 10/26: Proposal for expanded vapor intrusion sampling program submitted to NYSDEC.
- 10/27: Remediation system contractor began trenching water lines. QED brand Air stripper delivered to site.

Status Update September 2005

- 9/7: Revised sub-slab venting system proposal for FoodTown and submitted to NYSDEC. Revisions include venting air effluent above roofline.
- 9/13: Groundwater treatment hardware (QED brand EZ-4.4P Stacker Air Stripper) ordered. Anticipated delivery, October 15, 2005.
- 9/16: Site meeting with contractor regarding installation of well pumps, controls and groundwater treatment hardware.
- 9/28: Completed decanting and treatment of drilling fluid (via air stripper) stored on site.

Schedule:

- 11/05: Completed installation of groundwater remediation system in accordance with the IRM work plan.
- 11/05: Collect baseline groundwater samples from Recovery Wells RW-1 RW-2, RW-3 and AV-2; and Monitoring Wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6 and MW-7.
- 11/05: Awaiting approval from NYSDEC and NYSDOH for expanded vapor intrusion investigation. Vapor sampling planned for mid-November.
- 11/05: Solicited cost estimates for installation of sub-slab venting system for FoodTown.

Status Update October 2005

- 10/17: Sub-slab venting system proposal for FoodTown revised and re-submitted to NYSDEC. Revisions include

