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2006 - Report - to -

EPB



**CONRAD GEOSCIENCE CORP.**

*Environmental Scientists*

[www.conradgeo.com](http://www.conradgeo.com)

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

July 19, 2006

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 Report; 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 April through June, 2006. Please contact our office with any questions regarding this matter.

Sincerely,

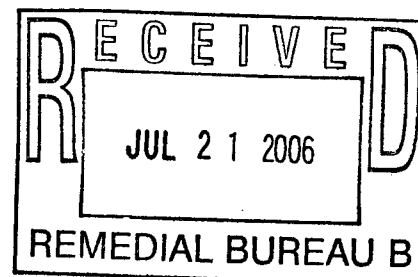
CONRAD GEOSCIENCE CORP.

John A. Conrad  
Senior Hydrogeologist

JAC/seg

encl.

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



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

**INDEX NO. II-CERCLA-10224**

**SITE STATUS UPDATE**

**for**

**APRIL – JUNE 2006**

**Introduction**

This report provides an update on the status of the measures currently underway at the Apple Valley Shopping Center Superfund Site (the "Site") for the period April – June 2006. These activities conform to the NYSDEC-approved IRM Work Plan dated July 2, 2004, and Order on Consent.

**Status Update: April 2006**

- 4/4: Submitted groundwater monitoring report to NYSDEC, summarizing baseline data and results from samples collected February 9 and March 9.
- 4/14: Conducted groundwater treatment system inspection and maintenance.
- 4/24: Conducted groundwater treatment system inspection and maintenance.

**Status Update: May 2006**

- 5/3: Conference call with NYSDEC and NYSDOH regarding vapor intrusion monitoring scope and schedule.

- 5/9: Conference call with NYSDOH regarding vapor intrusion mitigation options.
- 5/10: Received vapor intrusion mitigation and diagnostic specifications from NYSDOH.
- 5/12: Conference call with NYSDEC and NYSDOH regarding vapor and groundwater sampling data.
- 5/15: Inspected groundwater treatment and vapor mitigation systems. Met with site contractors to evaluate cost of installation of additional vapor mitigation systems at Absolute Pizza.
- 5/16: Collected Recovery Well, Monitoring Well and treatment system effluent samples (3 months after system start-up).
- 5/24: Conducted periodic treatment system maintenance. Met with pump contractor to coordinate for repairs to flow control devices.
- 5/25: Met with site owner and operators to select location for sub-slab vapor

July 19, 2006

CONRAD GEOSCIENCE CORP.



Apple Valley Shopping Center  
LaGrange, New York  
Index No. II-CERCLA-10224  
Site Status Update: April - June 2006  
July 19, 2006

sample along northern portion of  
Freshtown (formerly Foodtown).

5/26: Installed sub-slab vapor sample port  
in northern section of Freshtown  
supermarket.

5/30: Turned sub-slab depressurization  
systems off in preparation for vapor  
sampling.

5/31: Conference call with NYSDEC and  
NYSDOH to review vapor intrusion  
monitoring scope and schedule.

**Status Update: June 2006**

6/1: Commenced vapor intrusion  
monitoring at all previously  
monitored locations, and new  
Freshtown location.

6/2: Completed vapor intrusion  
monitoring.

6/6: Submitted groundwater sampling  
report summarizing results of May  
2006 sampling.

6/8: Conference call with NYSDEC and  
NYSDOH regarding vapor intrusion  
monitoring program, and  
groundwater remediation.

6/14: Conducted inspection and  
maintenance of groundwater  
remediation system.

6/17: Submitted June 2006 vapor intrusion  
monitoring results.

6/19: Conference call with NYSDEC and  
NYSDOH regarding vapor intrusion  
monitoring data.

6/26: Conducted inspection and  
maintenance of groundwater  
remediation system.

6/27: Repaired groundwater effluent  
treatment system, re-routed air  
discharge piping.

**Anticipated July – September 2006  
Schedule:**

- Venting of backfill surrounding  
grease trap piping connected to  
Absolute Pizza to prevent vapor  
movement along pipe bedding.
- Collection of groundwater samples,  
August 2006.
- Routine maintenance of groundwater  
extraction and treatment system.
- Submit proposed plan to  
NYSDEC/NYSDOH for vapor  
mitigation system at Pharmacy.

