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Via Facsimile and Certified Mail
Return Receipt Requested

July 9, 2001

Mr. Kevin Adler, Remedial Project Manager
U.S. Environmental Protection Agency, Region 5
Office of Superfund, Remedial & Enforcement Response Branch
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Subject: Granville Solvents Site Removal Action Quarterly Report – Second Quarter 2001

Dear Mr. Adler:

I have enclosed one copy of the Quarterly Report for the Removal Action at the Granville Solvents Site on behalf of the Granville Solvents Site PRP Group. Copies have been sent to the following individuals:

1. Mr. Steve Acree, U.S. EPA
2. Mr. Peter Felitti, U.S. EPA
3. Mr. Fred Myers, Ohio EPA
4. Mr. Joe Hickman, Manager, Village of Granville

If you have any questions regarding this report, please contact me at (919) 684-2794.

Regards,

Bill Brewer

William S. Brewer, Ph.D.
Granville Technical Committee Chair

Cc: Ben Pfefferle, Chairman, GSS PRP Group
Granville Technical Committee
G. Myers, Metcalf & Eddy
T. Struttman, Sharp & Associates

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GRANVILLE SOLVENTS SITE
REMOVAL ACTION QUARTERLY REPORT
FOR APRIL, MAY, JUNE 2001

July 2001

Pursuant to the requirement set forth in the Administrative Order by Consent (AOC, September 7, 1994) between the U.S. EPA and the Granville Solvents Site (GSS) Potentially Responsible Parties (PRP) Group, in Section 2.5 – Reporting, and the letter dated November 14, 1996, from Ms. Diane Spencer (U.S. EPA), this report constitutes the quarterly written progress report concerning actions undertaken pursuant to the AOC.

I. PROGRESS MADE DURING REPORTING PERIOD

Source Area Groundwater Control

The groundwater pumping and treatment system operated 720 hours in April, 744 hours in May, and 720 hours in June, for a total of 2,144 (100% of the total hours available) during the second quarter of 2001. Since operation of the treatment system began in December 1994, the system has been operating over 98.6% of the available time.

During the first quarter of 2001, the treatment system processed approximately 13.56 million gallons of water in April, 13.70 million gallons in May and 12.87 million gallons of water in June, for a total of 40.3 million gallons of water. Since operation began in December 1994, the system has processed more than 769.90 million gallons of water.

During the second quarter of 2001, Metcalf & Eddy collected monthly air pressure measurements in the air-stripping unit's inlet and exhaust ducts, which were used to calculate airflow values. Following acid washing in January, airflow increased from 2,100 cfm to 2,400 cfm. Measurements indicate a slow steady decline in the first quarter airflow of 2,250 cfm measured in late March. This trend continued in April, May and June with readings of 2,150 cfm, 2,120 cfm and 1,940 cfm respectively.

Metcalf & Eddy continued to perform the scheduled monthly maintenance on the treatment system. This maintenance ensures that the system is performing at maximum efficiency and decreases unscheduled downtime. This maintenance included replacing the bag filters, lubricating the transfer pump and blower motors, and maintaining the flow meters and level sensors.

Water samples were collected from the system's influent and effluent sampling ports on April 19, May 16, and June 13, 2001. The analytical results are presented in Table 1.

Table 1

VOCs	Influent April	Effluent April	Influent May	Effluent May	Influent June	Effluent June
1,1,1-trichloroethane	13.9 ug/l	ND	17.4 ug/l	ND	25.2 ug/l	ND
Cis-1,2-dichlorethene	3.6 ug/l	ND	3.5 ug/l	ND	4.6 ug/l	0.33 ug/l
Tetrachloroethene	18.8 ug/l	ND	20.4 ug/l	ND	28.9 ug/l	0.32 ug/l
Trichloroethene	20.0 ug/l	ND	23.3 ug/l	ND	35.8 ug/l	0.75 ug/l
1,1-dichoroethylene	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND

Extraction well GSS_EW1 was operated at an average flow rate of approximately 157 gallons per minute (gpm) during the second quarter of 2001. The flow rate from GSS-EW2 was operated at an average flow rate of approximately 158 gallons per minute (gpm) during the second quarter of 2001, 314 gpm for the month of April, 307 gpm for the month of May, and 298 gpm for the month of June. Table 1 represents influent and effluent concentrations at the GSS, and Metcalf & Eddy has recorded that approximately 40.13 million gallons of water were processed for the second quarter of 2001.

Based on these data, total VOC's of approximately 0.27 lb/day in April, 0.31 lb/day in May, and 0.43 lb/day in June were discharged to the atmosphere during this reporting period.

Groundwater Monitoring Plan

Groundwater level measurements were collected on April 19, May 16, and June 13, 2001. These data were used to develop potentiometric surface maps.

Source Area Soils

The PRP Group has awarded the Air Injection/Air Sparging and SVE system installation and operation contract to a consultant for implementation. Metcalf & Eddy has removed all items necessary from the warehouse building and installed a water outlet in advance of the commencement of work.

Active or Completed Tasks

The following specific tasks were completed during the reporting period:

- Collected water samples on April 19, May 16, and June 13, 2001 from the treatment system influent and effluent sampling ports.
- Collected water level measurements on April 19, May 16, and June 13, 2001.
- Continued to collect airflow data on a monthly basis.

- Collected the annual suite of samples from the monitoring well network.
- Retained an engineering firm to install, test, and operate the air injection, SVE, and air sparging systems to treat impacted soils at the site.

II. DELIVERABLES (CURRENT PERIOD AND NEXT PERIOD)

Current Period:

Deliverable	Due Date	Delivered
Quarterly Report	July 9, 2001	July 9, 2001

Next Period:

Deliverable	Due Date
Quarterly Report	October 8, 2001

III. DIFFICULTIES ENCOUNTERED & REMEDIAL ACTIONS TAKEN THIS PERIOD

None

IV. ANTICIPATED ACTIVITIES DURING NEXT REPORTING PERIOD

During the next reporting period, the following tasks will be performed:

- Potentiometric surface data will be collected on a monthly basis
- Treatment system influent and effluent water will be sampled on a monthly basis
- Scheduled maintenance of the treatment system will be performed
- The quarterly suite of groundwater samples will be collected from the monitoring network
- Demolition of the warehouse, employee lounge, and still buildings
- Installation of air sparging/SVE/air injection systems per the approved plan
- Collect soil samples to supplement existing subsurface soils data
- Startup the air sparging/SVE/air injection systems
- Begin routine operation of the air sparging/SVE/air injection systems.