



B U C K
ENVIRONMENTAL SERVICES

Note:

April 11, 2001

Kevin Delaney, P.E.
Environmental Engineer I
Division of Environmental Remediation
NYS Department of Environmental Conservation
615 Erie Blvd. West
Syracuse, NY 13204

This Annual Report has had the text only reproduced. The analytical laboratory reports, graphs and spreadsheets were not duplicated.

Re: SCM Site-Town of Cortlandville- 2000 Annual Report

Dear Kevin:

This report will summarize the remediation activities at the subject site during calendar 2000 and is submitted in support of the consent agreement between SCM and NYSDEC. As reported in previous correspondence, the property is owned by SCWP, LLC and this report is submitted at the direction of Michael Chernago, their on-site representative.

There were no substantive changes to the groundwater pumping system and air stripper during the year. Mike Chernago reported that the system operated continuously during 2000 except for approximately 8-12 hours when tower countercurrent air fans were shut down for experimentation purposes, and for 4-8 hours during routine maintenance operations. The pumping rate at the end of the year was reported to be approximately 800 gpm, which leads to a conclusion that at least 390 million gallons of water were pumped and treated during 2000. Influent and effluent samples were obtained and analyzed quarterly during the year and results are summarized on an enclosed spreadsheet. The average influent concentration of trichloroethene was 12 ug/l and the average effluent was non-detect (<1 ug/l) indicating that approximately 39 lb of trichloroethene were removed from the groundwater.

Recovery Well Average TCE Concentration

1996	19 ug/l
1997	16 ug/l
1998	13 ug/l
1999	8 ug/l
2000	12 ug/l

Effluent Average TCE Concentration

1996	ND (<1 ug/l)
1997	ND
1998	ND
1999	ND
2000	ND

The monitoring wells were also sampled on 11-28-2000 and analyzed for volatile organic contaminants by EPA 8021 methodology. Those data are summarized along with historical results in an enclosed spreadsheet.

In the 1999 year-end report of April 12, 2000 it was recommended that the blowers for the air stripper be shut down to reduce operating costs, and data were presented supporting the recommendation. On 10-19-00 NYSDEC requested a laboratory split sample to verify system performance with the blowers turned off. A re-sample on 10-26-00 was also taken and data from both labs indicated that the system performance was adequate to meet discharge limits. At this

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date no formal response has been received to the April 12, 2000 request, and the blower continues to pump air through the stripping tower.

First quarter system performance samples were taken in March and will be reported as soon as lab data are reviewed.

Please let me know if there are any questions concerning this report or the data presented.

Sincerely,



John H. Buck, P.E.
President

Attachments:

Lab reports
Spreadsheets (2)

Cc:

K. Ochs (SCWP)
J. Sidd, Esq. (RSS)
M. Chernago (SCWP)
J. Helgren, P.E. (CCHD)
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