

R. B. Regalado

U.S. Environmental Protection Agency Pollution Report

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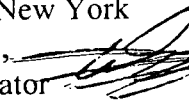
APR 16 2004

BUREAU OF TECHNICAL SUPPORT

I Heading

Date: March 17, 2004

Subject: Hopewell Precision Site,
Hopewell Junction, Town of East Fishkill,
Dutchess County, New York

From: Donald R. Graham, 
On-Scene Coordinator

To: R. Salkie EPA
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A. Raddant, DOI
D. Farrar, NYSDEC
J. Olm, NYSDOH
P. Idema, Town of East Fishkill
RST

Polrep No.: Two (2)

II Background

Site No.: TK

Contract No.: 68-S2-99-07

Delivery Order No.: 0076

NPL Status: Pending

Record of Decision: N/A

Action Memo: 03/25/03 (verbal)
09/26/03 (written)

Start Date: 03/26/03

Demobe Date: N/A

Completion Date: N/A

Handwritten notes and signature:
Encl
A/19

III Site Information

A. Incident Description

Groundwater Contamination

B. Site Description

The Hopewell Precision Site is located in Hopewell Junction, East Fishkill, Dutchess County, New York. Hopewell Precision, a manufacturer of sheet metal products, was first investigated by EPA in 1979 in response to a letter of complaint from a concerned citizen. The Site was subsequently referred to the New York State Department of Environmental Conservation (NYSDEC) for further evaluation.

The NYSDEC completed its Phase I and Phase II Investigations of the Site during the 1980's. In April 1993, the NYSDEC and Hopewell Precision conducted split-sampling of on-site monitoring wells and two nearby residential wells. Based on the results of the Phase I and Phase II, the NYSDEC de-listed the Site from its Registry of Class 2 Inactive Hazardous Waste Disposal Sites in 1994.

As part of EPA's Global List Assessment process, EPA sampled 75 residential wells in the vicinity of the Site during February 2003. Results of this sampling event revealed that 5 residential wells located southwest of the Site were contaminated with trichloroethene (TCE) at concentrations ranging from 1.2 to 250 parts per billion (ppb). Based on these findings, EPA received a verbal request from the NYSDEC for a CERCLA Removal Action on March 25, 2003.

IV **Response Information**

A. Situation

1. Current Situation

EPA has completed a TCE extent-of-contamination study which included the sampling of approximately 350 residential wells in the Hopewell Junction area. As a result of this investigation, EPA identified 37 residences where TCE contamination exceeded the Maximum Contaminant Level (MCL) of 5 ppb. EPA's Emergency and Rapid Response Services (ERRS) contractor has completed the installation of Point of Entry Treatment (POET) systems in each of these residences. Additionally, EPA has identified 13 residential wells contaminated with 1,1,1-trichloroethane above the NY State's MCL of 5 ppb, but below the EPA's MCL of 200 ppb. These 13 wells have been referred to the NYSDEC for the appropriate mitigative action.

EPA's Environmental Response Team (ERT) has completed a hydrogeologic investigation for the purpose of identifying the source and transport of the TCE in groundwater. ERT is also assisting in the ongoing indoor air contamination investigation which has identified the intrusion of TCE contaminated vapors into selected homes as the result of the underlying groundwater contamination.

EPA continues to conduct enforcement activities, targeting all Potentially Responsible Parties (PRPs) in the TCE source area in the vicinity of Ryan Drive. As a result of these activities, a Notice of Potential Liability was issued to one PRP on March 02, 2004.

2. Removal Actions to Date

To date, EPA has identified 37 residences where wells are contaminated with TCE above the Federal MCL of 5 ppb, and 13 residences where wells are contaminated with TCA above the State MCL of 5 ppb. In response to these findings, the EPA has installed POET systems in all 37 residences with TCE above the Federal MCL and the NYSDEC has installed POET systems in all 13 residences with TCA above the State MCL.

In addition to the ongoing groundwater investigation and mitigation activities, EPA has also initiated an indoor air investigation of residences at the Site. To date, EPA has identified the intrusion of TCE vapors in approximately 15 residences which overly the plume of TCE contaminated groundwater.

B. Planned Removal Actions

EPA will continue to install additional POET systems if and when other TCE impacted residential wells are identified. EPA will also continue to refer any TCA impacted residential wells to the NYSDEC as they are identified.

Pending the authorization of additional funds, it is anticipated that EPA will begin installing vapor intrusion mitigation systems in impacted residences during May 2004. Concurrently, EPA will expand its indoor air investigation to include other potentially impacted residences which will have mitigation systems installed as required.

C. Key Issues

EPA is currently evaluating the Site to determine whether or not it meets the eligibility requirements for placement on the National Priorities List.

V. Cost Information

ERRS Cost to Date	\$ 220,000
RST Cost to Date	\$ 235,000
USGS IAG Cost to Date	<u>\$ 20,000</u>
Total Cost to Date	\$ 475,000

Project Ceiling	\$ 625,000
Remaining Project Ceiling	24 %

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure, which the government may include in any cost recovery claim.

VI Disposition of Waste

Not applicable.