

16-00
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control

ADDITIONS/CHANGES TO REGISTRY: SUMMARY OF APPROVALS

SITE NAME: VAC AIR DIVISION DEC I.D. NUMBER 907016

Current Classification 2 Volunteer Yes _____ No _____
Sign (7) below

Activity: ☐ Add as Class _____ ☒ Reclassify to 4 ☐ Delist Categor _____ ☐ Modify _____

Approvals:

1. Regional Hazardous Waste Engineer	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	_____
2. BEEI of NYSDOH	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	_____
3. DEE	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	_____
4. _____ Remediation Action Bureau Director [Class 2]	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	_____
5. BHSC - Investigation Section	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	_____
6. BHSC - O&M Section [Class 4]	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	<u>6/20/99</u>
7. BPM - Brownfield & Voluntary Cleanup Section					Date _____
8. Site Control Section					Date <u>4/26/99</u>
9. Director					Date <u>5/24/99</u>

019

Completion Checklist for Registry Sites

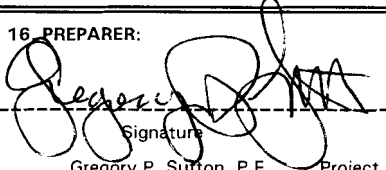
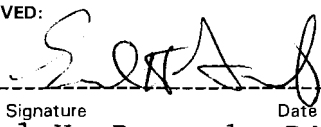
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Initials

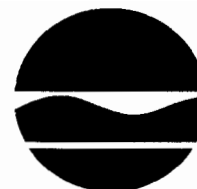
Date

OWNER NOTIFICATION LETTER?	<input checked="" type="checkbox"/>	_____	<u>6/21/99</u>
ADJACENT PROPERTY OWNER NOTIFICATION LETTER?	<input checked="" type="checkbox"/>	_____	<u>7/6/99</u>
ENB/LEGAL NOTICE SENT? (For Deletion Only)	<input type="checkbox"/>	_____	_____
COMMENTS SUMMARIZED/PLACE IN REPOSITORY?	<input type="checkbox"/>	_____	_____
FINAL NOTIFICATION SENT TO OWNER? (For Deletion Only)	<input type="checkbox"/>	_____	_____



SITE INVESTIGATION INFORMATION

1. SITE NAME: VacAir Division		2. SITE NUMBER: 907016		3. TOWN/CITY/VILLAGE: Town of Carroll		4. COUNTY: Chautauqua	
5. REGION: 9		6. CLASSIFICATION: CURRENT: 2		PROPOSED: 4		MODIFY:	
7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location): a. Quadrangle: Frewsburg b. Site Latitude: N 42° 03.159' Site Longitude: W 79° 10.528' c. Tax Map Number: d. Site Street Address: Frewsburg-Falconer Road							
8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations): The VacAir Alloys facility is located on approximately 93 acres of land on the outskirts of the Hamlet of Frewsburg. Of the 93 acres, 15 acres are developed into the present VacAir facility. The remaining 78 acres consist of undeveloped low lying and wooded areas. The plant site is bounded by Conewango Creek to the north, open fields, wooded and lowlying areas to the east, commercial and residential properties to the south, and Frewsburg-Falconer Road and the Frewsburg Water District Supply Well Field (wells #1 & 2A) to the west (Figure 2). The VacAir facility recycles stainless steel and other processed metals. VacAir Alloys began its operations in 1969. Prior to 1969, the site was used for the manufacturing of wafer board. Keywell Corporation purchased the facility in 1987, at which time it was renamed VacAir Alloys Division. As part of the recycling process, the facility uses trichloroethylene (TCE), a solvent, to clean and degrease metals. In 1990, Keywell conducted an environmental investigation of the property. Results of the investigation showed that on-site soils, surface water and groundwater are contaminated with TCE, its degradation (breakdown) products (such as 1,2-dichloroethene and vinyl chloride), petroleum products and metals. The exact method by which the chemicals were disposed is not known. However, it is alleged that former owners/operators improperly disposed plant waste by burying and/or disposing it through the plant sanitary system. A Record of Decision was signed in March 1996 and the Remedial Construction was completed in January 1998. a. Area: 15 acres b. EPA ID Number _____ c. Projects Completed (X) Phase I (X) Phase II () PSA (X) RI/FS () PA/SI (X) Other: Remedial Design/Remedial Action							
9. HAZARDOUS WASTE DISPOSED: Spent halogenated solvents such as Trichloroethylene and its degradation products (F001)							
10. ANALYTICAL DATA AVAILABLE: a. (X) Air (X) Groundwater (X) Surface Water (X) Sediment (X) Soil (X) Waste (X) Leachate () EPTox (X) JTCLP b. Contravention of Standards or Guidance Values Exceedences of groundwater stds and soil guidance values (TAGM 4046) for trichloroethylene, dichloroethene, vinyl chloride.							
11. STATEMENT OF CONCLUSION: The facility entered into a Consent Order with the Department and has complete investigation and remediation of the facility site. The facility is currently operating a long term operation of a groundwater extraction and treatment system and is performing long term maintenance of the site. Copies of the title page of the Operation and Maintenance Manual and Remedial Action Construction Report are attached.							
12. SITE IMPACT DATA: a. Nearest Surface Water: Distance: 0 feet Direction: West Classification: C b. Nearest Groundwater: Depth: 18 feet Flow Direction: West () Sole Source () Primary () Principal (X) Perched c. Nearest Water Supply: Distance: 150 feet Direction: South Active: () Yes (X) No d. Nearest Building: Distance: 0 feet Direction: On-site Use: Industrial e. In State Economic Development Zone? () Y (X) N i. Controlled Site Access? (X) Y () N f. Are crops or livestock on site? () Y (X) N j. Exposed hazardous waste? () Y (X) N g. Documented fish or wildlife mortality? () Y (X) N k. HRS Score: h. Impact on special status fish or wildlife resource? (X) Y () N l. For Class 2: Priority Category:							
13. SITE OWNER'S NAME: Keywell Corporation - VacAir Division, Dennis Trostle- Plant Manager		14. ADDRESS: Frewsburg-Falconer Road, P.O. Box 650 Frewsburg, New York, 14738			15. TELEPHONE NUMBER: (716)569-0700		
16. PREPARER:  Signature Date Gregory P. Sutton, P.E. Project Engineer NYSDEC - Region 9				17. APPROVED:  Signature Date Earl H. Barcomb, Director, BHSC, DER			
Name, Title, Organization				Name, Title, Organization			



John P. Cahill
Commissioner

ROD RECLASS INFORMATION

M E M O R A N D U M

TO: T. Reamon Investigation Section
Regional Hazardous Waste Remediation Engineer
G. Rider, O&M Section (as needed)
A. Grant, DEE
A. Carlson, DOH, Bureau of Environmental Exposure Investigation

FROM: Robert Marino, Chief, Site Control Section, BHSC, DER

SUBJECT: Review of Classification Package for Site # 907016
Keywell L.L.C. Vac-Air Division

DATE: April 15, 1999

The attached new "Registry Site Investigation Information Form" with supporting documentation is included for your information..

If unacceptable, please return with an explanation of your position in a separate memo or letter as soon as possible.

Please keep the supporting documentation for your records.

NOTE: This site is being reclassified by Record of Decision (ROD). The ROD was signed on March 29, 1996

Attachment(s)

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York, 14203-2999

Phone: (716) 851-7220 FAX: (716) 851-7226



John P. Cahill
Commissioner

MEMORANDUM

TO: Robert Marino, Bureau of Site Control - DER - NYSDEC-Albany
FROM: Martin Doster, NYSDEC-Region 9
SUBJECT: VacAir Alloy Division, Carroll(T), Chautauqua County, Project No. 907016
DATE: 4/2/99
February 22, 1999

Attached is a reclassification package for the above noted site. The site is being proposed to be reclassified from Class 2 to Class 4.

The VacAir facility recycles stainless steel and other processed metals. VacAir Alloys began its operations in 1969. Prior to 1969, the site was used for the manufacturing of wafer board. Keywell Corporation purchased the facility in 1987, at which time it was renamed VacAir Alloys Division. As part of the recycling process, the facility uses trichloroethylene (TCE), a solvent, to clean and degrease metals. In 1990, Keywell conducted an environmental investigation of the property. Results of the investigation showed that on-site soils, surface water and groundwater are contaminated with TCE, its degradation (breakdown) products (such as 1,2-dichloroethene and vinyl chloride), petroleum products and metals. The exact method by which the chemicals were disposed is not known. However, it is alleged that former owners/operators improperly disposed plant waste by burying and/or disposing it through the plant sanitary system.

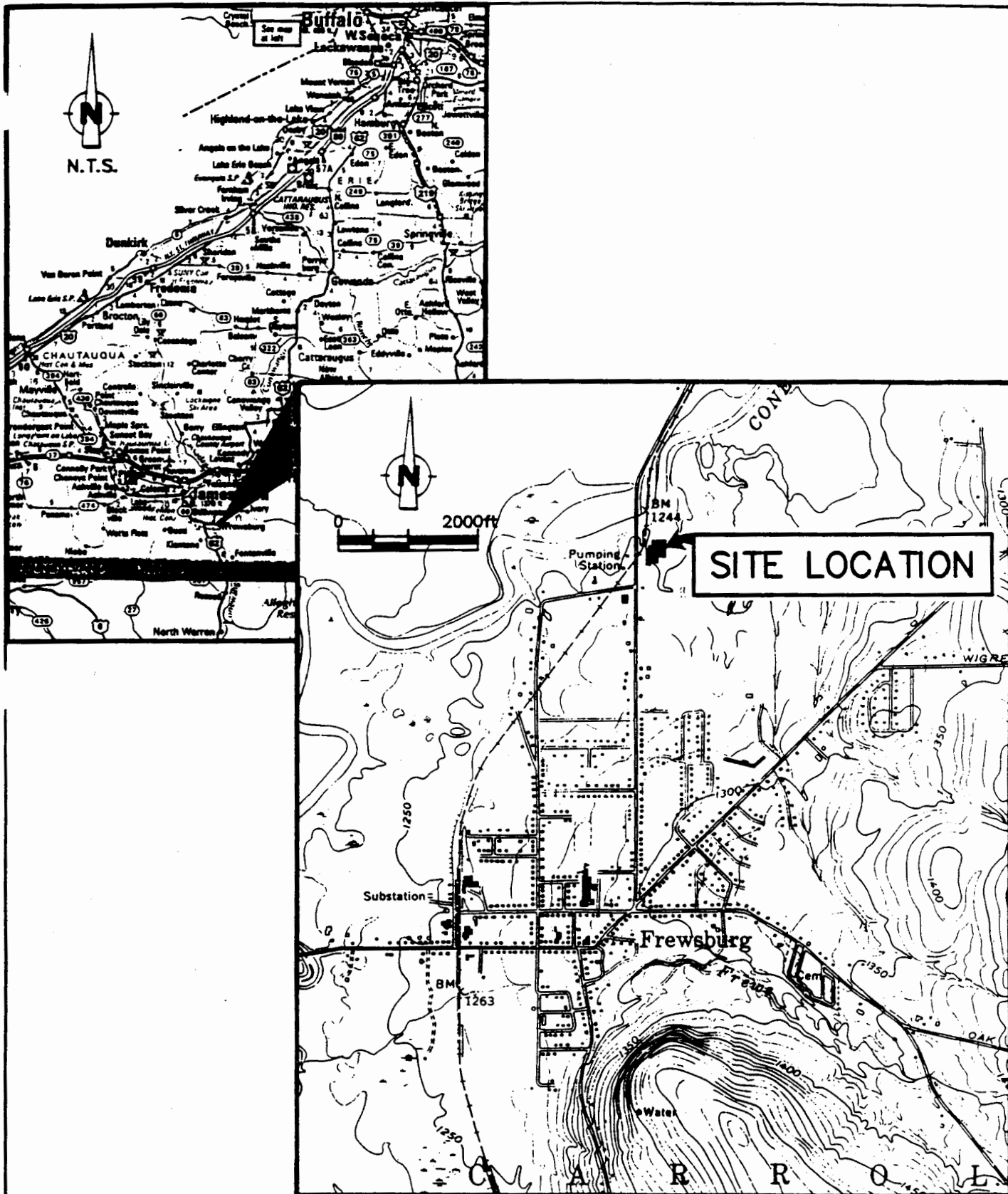
A RI was completed at the site in March 1994 followed by the submission of a FS in March of 1994 and a Record of Decision in March 1996. The Remedial Design and implementation of the Remedial Action was completed in January 1998. The facility is currently performing long monitoring of the remedial system.

The elements of the completed remedial work included: Installation of a wellpoint extraction system, Treatment of extracted groundwater using conventional air stripping, Excavation and disposal off-site of contaminated sediment in the lowland, adjacent to the existing drainage swale and leachate seeps, Treatment of contaminated soils on-site using In-situ soil vacuum extraction, Construction of a NAPL extraction system to be installed in areas of the site where NAPL is detected during the remedial activities, Construction of an asphalt cap covering the active plant areas, Installation of sediment catch basins to collect runoff prior to discharge to the lowland or Conewango Creek, Implementation of a Best Management Practice Plan to require maintenance of the paved area and sediment collection basins, Implementation of deed restrictions on the site property to restrict site use and intrusive activities, and Implementation of a long term monitoring program.

Therefore based on the completion of the above noted remedial work at the site it is recommended that the site be reclassified from a class 2 to class 4 site in the NYS Registry of Inactive Hazardous Waste Sites.

If you have any questions please give me a call.

lj
attachment
cc: file



SOURCE: JAMESTOWN, N.Y.
N4200-W7907.5/7.5

figure 2.1
SITE LOCATION
REMEDIAL INVESTIGATION PROGRAM
VACAIR ALLOYS DIVISION
Frewsburg, New York

CRA

LEGEND

- PRODUCTION WELL #3
- DISTRICT WATER SUPPLY WELLS
- SWALE/CULVERT
- FENCE

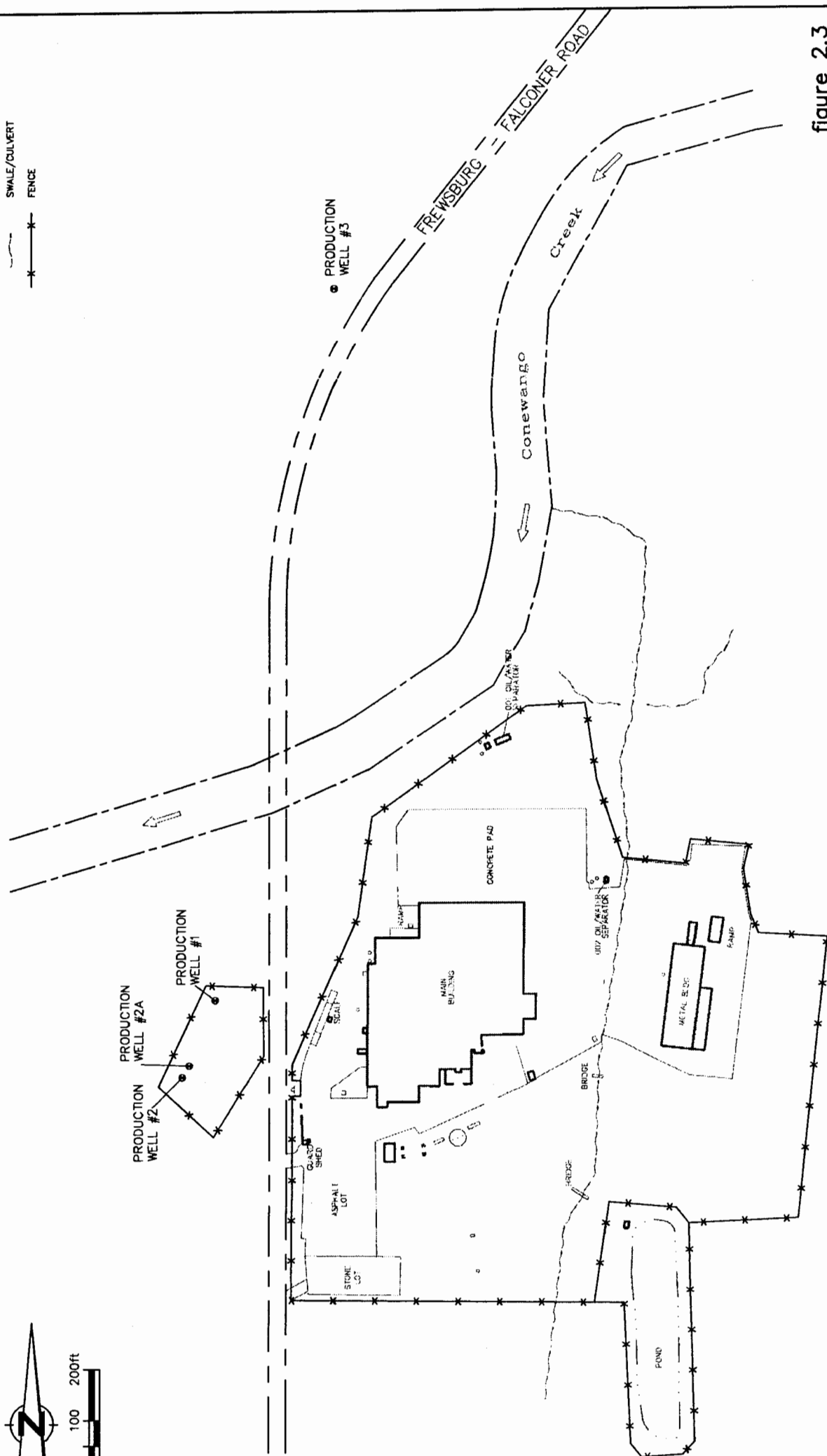
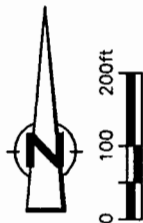
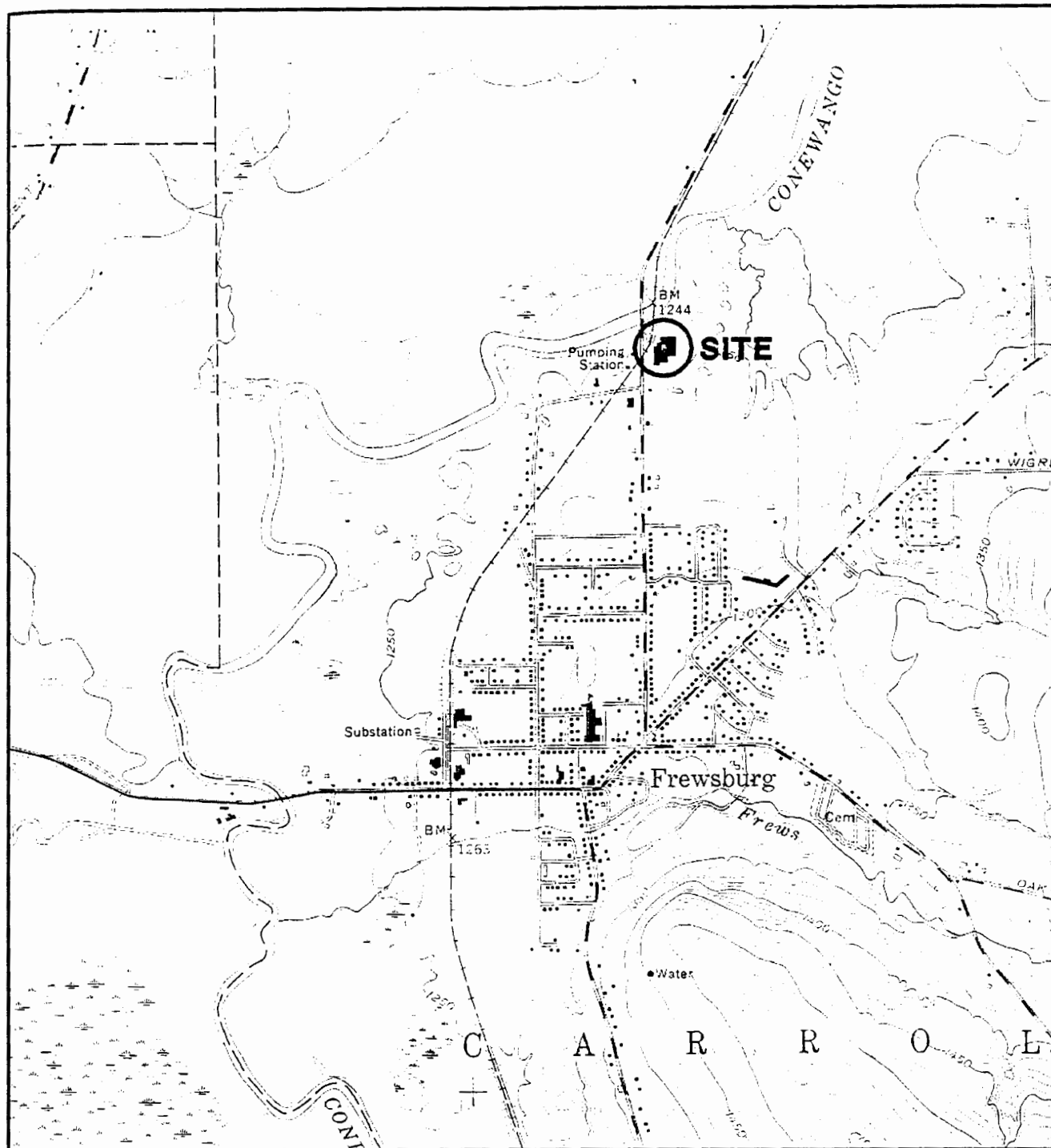


figure 2.3
SITE LAYOUT
REMEDIAL INVESTIGATION PROGRAM
VACAIR ALLOYS DIVISION
Frewsburg, New York

CRA



SOURCE: USGS JAMESTOWN, NEW YORK
QUADRANGLE, PHOTOREVISED 1979.

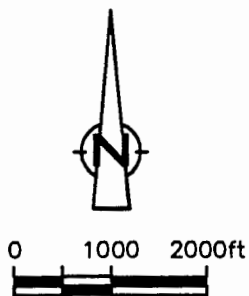


figure 2.1
SITE LOCATION
VACAIR ALLOYS DIVISION
Frewsburg, New York

CRA

CRA

FINAL REMEDIAL CONSTRUCTION REPORT

VacAir Alloys Site
Frewsburg, New York
NYSDEC Site No. 907016

Prepared By:

Conestoga-Rovers & Associates
2055 Niagara Falls Boulevard
Niagara Falls, New York 14304

JULY 1998

REF. NO. 2326 (31)

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CONESTOGA-ROVERS & ASSOCIATES

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OPERATION AND MAINTENANCE PLAN REMEDIAL ACTION

**VacAir Alloys Site
Frewsburg, New York
NYSDEC Site No. 907016**

**SEPTEMBER 1998
REF. NO. 2326 (30)**
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CONESTOGA-ROVERS & ASSOCIATES

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SOIL
REL UNREL

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Vac Air Alloys Div. Site Ground Water Remediation Monitoring

Date:		22-Feb-99										
Location:	Parameter	Frequency	GW Std.	RAO	Units	Baseline	1/98-4/98	04/28/98	07/30/98	10/27/98	11/05/98	12/28/98
						12/19/97						
Influent	vinyl chloride	Monthly	5	NA	ug/l	NA	(2)	NA	NA	NA	NR	NR
	cis-1,2-dichloroethylene	Monthly	5	NA	ug/l	NA	(2)	4,900	6,500	NA	5,700	5,900
	trichloroethylene	Monthly	2	NA	ug/l	NA	(2)	70,000	62,000	NA	43,000	58,000
Effluent	Flow	Daily	NA	50,000	gpd	NA	NA	NA	17,045	NA	16,390	NA
	pH	Weekly	6-9	6-9	SU	NA	NA	6.99	8.05	NA	NA	8.48
	Suspended Solids	NR	NA	20	mg/l	NA	NA	2U	2U	NA	2U	2U
	Dissolved Solids	NR	NA	Mon.	mg/l	NA	NA	414	463	NA	445	450
	BOD5	NR	NA	Mon.	mg/l	NA	NA	3U	3U	NA	3U	NR
	Oil/Grease	4/yr.	NA	15	mg/l	NA	NA	1U	1U	NA	1U	1U
	Ammonia (as N)	NR	NA	Mon.	mg/l	NA	NA	0.72	0.99	NA	0.96	NR
	Aluminum	4/yr.	NA	6100	ug/l	NA	NA	75U	75U	NA	75U	75U
	Cadmium	NR	NA	Mon.	ug/l	NA	NA	5U	5U	NA	5U	NR
	Cobalt	NR	NA	140	ug/l	NA	NA	10U	10U	NA	10U	10U
	Copper	NR	NA	Mon.	ug/l	NA	NA	17U	31	NA	17U	NR
	Iron	4/yr.	NA	4000	ug/l	NA	NA	225	676	NA	261	904
	Lead	NR	NA	280	ug/l	NA	NA	44U	44U	NA	44U	44U
	Mercury	NR	NA	0.8	ug/l	NA	NA	0.2U	0.2U	NA	0.2U	NR
	Nickel	NR	NA	Mon.	ug/l	NA	NA	12U	12U	NA	12U	NR
	Vanadium	NR	NA	100	ug/l	NA	NA	44U	5U	NA	10U	10U
	Zinc	4/yr.	NA	400	ug/l	NA	NA	23	12U	NA	20U	20
	4-Methyl Phenol	NR	NA	10	ug/l	NA	NA	NA	NA	NA	5U	NR
	Phenol	NR	NA	10	ug/l	NA	NA	NA	5U	NA	5U	NR
(1)	vinyl chloride	Monthly	NA	10	ug/l	NA	(2)	NA	NA	NA	NA	NR
	cis-1,2-dichloroethylene	Monthly	NA	10	ug/l	NA	(2)	2	1U	NA	3	1U
	trichloroethylene	Monthly	NA	10	ug/l	NA	(2)	17	2	NA	12	1
MW-1	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-2	vinyl chloride	4/yr.*	5	5	ug/l	3,000	NA	6,100	7,400	9,300	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	13,000	NA	80,000	82,000	100,000	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	1,000	NA	4,900	2500U	5000U	NA	NA
MW-3	vinyl chloride	4/yr.*	5	5	ug/l	100U	NA	200U	200U	300	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	1,200	NA	800	980	2,200	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	13,000	NA	7,800	4100J	4,600	NA	NA
MW-4	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	200U	200U	1000U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	400J	NA	820	810	1000U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	8,600	NA	17,000	17,000	16,000	NA	NA
MW-4D	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	18	6	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-5	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-5D	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-6	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-7	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-8	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-9	vinyl chloride	4/yr.*	5	5	ug/l	200U	NA	200U	770	1,100	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	10,000	NA	9,800	17,000	16,000	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	8,400	NA	5,400	3,200	4,800	NA	NA
MW-10	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA
MW-11	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	200U	400U	100U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	200	NA	2,100	2,800	2,300	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	1,000	NA	22,000	7,900	5,000	NA	NA
MW-12	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	100U	200U	100U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	48	NA	250U	500U	250U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	6,600	NA	3,400	3,400	2,500	NA	NA
MW-13	vinyl chloride	4/yr.*	5	5	ug/l	200U	NA	200U	2U	28	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	870	NA	500U	5U	570	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	27,000	NA	5,800	4,100	3700J	NA	NA
MW-14	vinyl chloride	4/yr.*	5	5	ug/l	200U	NA	200U	2U	200U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	1,500	NA	1,300	42	500U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	26,000	NA	22,000	1,000	14,000	NA	NA
MW-20	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	NA	NA	NA	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	NA	NA	NA	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	NA	NA	NA	NA	NA
Conewango Creek												
upstream	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	NA	NA	NA	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	NA	NA	NA	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	NA	NA	NA	NA	NA
downstream	vinyl chloride	4/yr.*	5	5	ug/l	2U	NA	2U	2U	2U	NA	NA
	cis-1,2-dichloroethylene	4/yr.*	5	5	ug/l	5U	NA	5U	5U	5U	NA	NA
	trichloroethylene	4/yr.*	2	5	ug/l	5U	NA	5U	5U	5U	NA	NA

NR - NOT REQUIRED AS PER MONITORING CHANGES OF DEC. 11, 1998.
NA - NOT ANALYZED
U - PARAMETER NOT DETECTED AT THAT DETECTION LIMIT
J - PARAMETER DETECTED BUT NOT QUANTIFIED

* Quarterly sampling first 2 years, Annually there after.
(1) - VOA - COCs - All TCL VOAs to be analyzed for per discharge requirements.
(2) - See file for data collected during trouble shooting of air stripper operation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Hazardous Waste Remediation

Inactive Hazardous Waste Disposal Report

Site Name: Keywell L. L.C. Vac-Air Division			Site Code: 907016		
Class Code: 24	Region: 9	County: Chautauqua	EPA Id:		
Address: Falconer Road		City: Carroll	Zip: 14738		
Latitude: 42 41' 0"	Longitude: 79 92' 0"				
Site Type: Landfill		Estimated Size: 15	Acres		

Site Owner / Operator Information:

Current Owner(s) Name: Keywell Co., Vac Air Alloys Division		
Current Owner(s) Address: 11900 S. Cottage Grove Ave.	Chicago	IL 60628
Owner(s) during disposal: Vac-Air Alloys Corp.		
Operator(s) during disposal: Vac-Air Alloys Corp.		
Stated Operator(s) Address: Falconer Road	Carroll	NY 14738
Hazardous Waste Disposal Period: From 1969	To Present	

Site Description:

The Vac-Air Alloys facility is located in the Town of Carroll near the northern boundary of the Village of Frewsburg. The plant is located adjacent to Conewango Creek and across Falconer Road from the Frewsburg Water District Supply Wells. Vac-Air started operations at this site in 1969. The site consists of the fenced in manufacturing area. The facility operations consist of the grading, sorting, cleaning, blending and packaging of high grade scrap-metal. The metal is cleaned by shot blasting, and degreased with solvents, mainly trichloroethylene (TCE). Waste produced from process operations include iron dust, TCE sludge, spent TCE, waste lubricating and hydraulic oils. Leachate outbreaks from the disposal area discharge to a Class I designated wetland. The facility has conducted a Site Investigation of the site. The report issued in October 1991 shows high levels of TCE in groundwater and soils on site. Samples are taken monthly from the Frewsburg Water district supply well. One sample collected in September 1991 showed the water supply to be contaminated with TCE. The wells were shut down by DOH and the Town. A new backup water supply is now being used. The company has signed a Consent Order for conducting a Remedial Investigation /Feasibility Study (RI/FS) at the site. Field work was completed in December 1992 with a Final RI Report submitted in March 1994. A Draft FS was submitted in November 1993. A Proposed Remedial Action Plan (PRAP) has been prepared for public review. A Record of Decision (ROD) was signed in March 1996. A remedial design was completed and construction began in late 1997. The remedy calls for: NAPL recovery, barrier wall, air sparging/SVE, groundwater extraction, sediment excavation, storm water controls, capping and long term monitoring. The Remedial Construction was completed in January 1998. The facility is currently performing long term operation and maintenance of the remedial system and groundwater monitoring.

Confirmed Hazardous Waste Disposal:

Trichloroethylene (F001)

Quantity:

Unknown

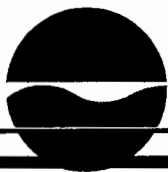
Analytical Data Available for:	Groundwater	Surface Water	Soil	Sediment
Applicable Standards Exceeded in:	Groundwater	Drinking Water	Surface Water	
Geotechnical Information:			Depth to	
Soil/Rock Type: Interlayered lenses of sand/gravel and clay			Groundwater: Approx. 15 feet	
Legal Action: Type: State Consent Order RI-FS			Status: Order Signed	
Remedial Action:			Nature of action:	

Assessment of Environmental Problems:

Confirmed contamination of Groundwater and surface water with solvents. Contamination could impact the Frewsburg Water District Well Field which is 300 ft. away. The wells at the Frewsburg Water District are screened in a deep aquifer, and the contaminated aquifer is not hydraulically connected to the water supply aquifer.

Assessment of Health Problems:

The site is fenced and access to the site is controlled by a security gate thus minimizing contact with contaminated soil by the public. Contamination from the site has impacted the Frewsburg Aquifer which was the main source of drinking water for the residents of the Hamlet of Frewsburg. The main production wells have been shut down. The responsible party has implemented an Interim Remedial Action which included the upgrade and repair of two existing Village back-up water well pumps to allow water to be supplied from these wells. The remedial actions should eliminate potential routes of exposure.



Division of Hazardous Waste Remediation

Record of Decision

VacAir Alloys Site
Town of Carroll, Chautauqua County
Site Number 9-07-016

March 1996

DECLARATION STATEMENT - RECORD OF DECISION
VACAIR ALLOYS INACTIVE HAZARDOUS WASTE SITE
TOWN OF CARROLL, CHAUTAUQUA COUNTY, NEW YORK
SITE NO. 907016

Statement of Purpose and Basis

The Record of Decision (ROD) presents the selected remedial action for the VacAir Alloys inactive hazardous waste disposal site which was chosen in accordance with the New York State Environmental Conservation Law (ECL). The remedial program selected is not inconsistent with the National Oil and Hazardous Substance Pollution Contingency Plan of March 8, 1990 (40 CFR 300).

This decision is based upon the Administrative Record of the New York State Department of Environmental Conservation (NYSDEC) for the VacAir Alloys Site and upon public input to the proposed Remedial Action Plan (PRAP) presented by the NYSDEC. A bibliography of the documents included as a part of the Administrative Record is included in Appendix A.

Assessment of the Site

Actual or threatened release of hazardous waste constituents from this site, if not addressed by implementing the response action selected in this ROD, presents a current or potential threat to public health or the environment.

Description of the Selected Remedy

Based upon the Remedial Investigation/Feasibility Study (RI/FS) for the VacAir Alloys Site and the criteria identified for the evaluation of alternatives, the NYSDEC has selected a Wellpoint Groundwater Extraction System (and treatment of groundwater), installation of a Soil Vapor Extraction System (to address contaminated soil), a NAPL recovery system (to address and remove free product in soils and/or groundwater) in conjunction with the excavation and off-site disposal of contaminated sediments in the lowland area, as the remedy for this site. The components of the remedy are as follows:

- Installation of a wellpoint extraction system designed to eliminate to the greatest extent possible the off-site migration of contaminated groundwater to Conewango Creek and the lowland area.
- Treatment of extracted groundwater using UV oxidation or other acceptable means with discharge to Conewango Creek.
- Excavation and disposal off-site of contaminated sediment in the lowland, adjacent to the existing drainage swale and leachate seeps.
- Treatment of contaminated soils on-site using In-situ soil vacuum extraction. Recent data indicates that vacuum extraction will not be effective in the "northern soils area." An alternative method of soil remediation will be identified.
- Construction of a NAPL extraction system to be installed in areas of the site where NAPL is detected during the remedial activities.

- Construction of an asphalt cap covering the active plant areas.
- Installation of sediment catch basins to collect runoff prior to discharge to the lowland or Conewango Creek.
- Implementation of a Best Management Practice Plan to require maintenance of the paved area and sediment collection basins.
- Implementation of deed restrictions on the site property to restrict site use and intrusive activities.
- Implementation of a long-term monitoring program which would allow the effectiveness of the selected remedy to be monitored. This long-term program would be a component of the operation and maintenance for the site and would be developed in accordance with the Remedial Design.

New York State Department of Health Acceptance

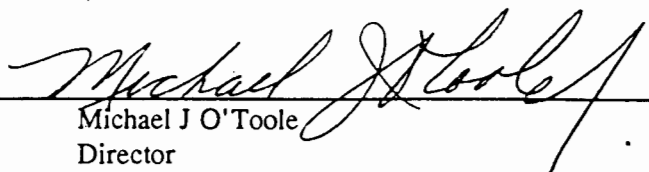
The New York State Department of Health concurs with the remedy selected for the site as being protective of human health.

Declaration

The selected remedy is protective of human health and the environment, complies with State and Federal requirements that are legally applicable or relevant and appropriate to the remedial action to the extent practicable, and is cost effective. This remedy utilizes permanent solutions and alternative treatment or resource recovery technologies, to the maximum extent practicable, and satisfies the preference for remedies that reduce toxicity, mobility or volume as a principal element.

3/29/96

Date



Michael J O'Toole

Director

Division of Hazardous Waste Remediation

ADJACENT OWNERS FOR SITE #907016

QUERY NAME ADJPROPX
LIBRARY #QUERY
FILE NAME F.SBLFIL
DATE 06/08/99
TIME 09.46.18

Special search of Adj. for Site #907016

County Clerk
County of Chautauque
P.O. Box 170
Mayville, NY 14751

Town Clerk
Town of Carroll
Box 497
Frewsburg, NY 14738

06/08/99 09.46.18

PAGE 1

Site Code (10)	Site Name	Adjacent Parcel Owner	ADJ. PARCEL ADDRESS	STREET OR ROAD	C/O	ADDRESS	ADJ. OWNER ADDRESS	ADJ. OWNER CITY	Adj Parcel Owner Zip	Distance From Centroid
907016	Vac-Air Alloys	SAMUEL G. KEMWELL CO	200	FALCONER ST			7600 ROLLING MILL RD	BALTIMORE MARYLAND	21224	0
907016	Vac-Air Alloys	SAMUEL G. KEMWELL CO	300	FALCONER ST			7600 ROLLING MILL RD	BALTIMORE MARYLAND	21224	0
907016	Vac-Air Alloys	SAMUEL G. KEMWELL CO	FALCONER S T				7600 ROLLING MILL RD	BALTIMORE MARYLAND	21224	0
907016	Vac-Air Alloys	SAMUEL G. KEMWELL CO	FALCONER S T				7600 ROLLING MILL RD	BALTIMORE MARYLAND	21224	0
907016	Vac-Air Alloys	SAMUEL G. KEMWELL CO	300	FALCONER ST			7600 ROLLING MILL RD	BALTIMORE MARYLAND	21224	0
907016	Vac-Air Alloys	WATER DISTRICT	FALCONER F	RENSBURG RD			225 FALCONER ST	FREWSBURG NY	14738	369
907016	Vac-Air Alloys	PLASTIC CASE CORP	225	FALCONER ST			197 FALCONER ST	FREWSBURG NY	14738	498
907016	Vac-Air Alloys	GATES ARLENE	197	FALCONER ST			RD 1 145 IVORY RD	FREWSBURG NY	14738	526
907016	Vac-Air Alloys	WATER DISTRICT	FALCONER F	RENSBURG RD			5 MAIN ST	FREWSBURG NY	14738	682
907016	Vac-Air Alloys	JOHNSON ERICK & MARG	FALCONER F	RENSBURG RD			115 WEST COLLEGE DR	MARSHALL MINN	56258	807
907016	Vac-Air Alloys	FREW MARSHALL & CARO	FALC-FREWS	BURG RD REAR			17 WHITE DR	FREWSBURG NY	14738	824
907016	Vac-Air Alloys	TOWN OF CARROLL	PEARL ST	CORNER FALCONER			101 FREW RUN RD	FREWSBURG NY	14738	828
907016	Vac-Air Alloys	SCHMAN'S SALES	150	FALCONER ST			7 WHITE DRIVE	FREWSBURG, NY	14738	882
907016	Vac-Air Alloys	COLBURNS AIR CONDITI	17	WHITE AVE			RD 2 155 ROBBIN HILL RD	FREWSBURG N Y	14738	898
907016	Vac-Air Alloys	JOHNSON ELMER G &	PEARL ST				142 FALCONER ST	FREWSBURG N Y	14738	902
907016	Vac-Air Alloys	FRENSBURG DIVERSIFIE	FALCONER S T				35 PEARL ST	FREWSBURG NY	14738	926
907016	Vac-Air Alloys	J R J ENTERPRISES	143	FALCONER ST			200 FALCONER ST	FREWSBURG N Y	14738	993
907016	Vac-Air Alloys	WHITE WARD & EDYTH	WHITE AVE				1602 E 18TH ST	ERIE PA	16514	1016
907016	Vac-Air Alloys	WHITE BENJAMIN	WHITE AVE				35 PEARL ST	FREWSBURG NY	14738	1030
907016	Vac-Air Alloys	RUMBAUGH RICHARD A	WHITE DR				142 FALCONER ST	FREWSBURG NY	14738	1052
907016	Vac-Air Alloys	WHITE WARD & EDITH	FALCONER S T				1602 E 18TH ST	ERIE PA	16514	1088
907016	Vac-Air Alloys	WM T SPAEDER CO, INC	232	PEARL ST			35 PEARL ST	FREWSBURG NY	14738	1111
907016	Vac-Air Alloys	WHITE BENJAMIN	REAR FALCO	NER ST			142 FALCONER ST	FREWSBURG NY	14738	1127
907016	Vac-Air Alloys	WHITE WARD & EDYTH	142	FALCONER ST						1129

Falconer-Freensburg Rd

ATTN: PROPERTY TAX DEP

#907016

06/08/99 09.46.18

PAGE 2

Site Code (10)	Site Name ----	Adjacent Parcel Owner	ADJ. PARCEL ADDRESS	STREET OR ROAD	C/O	ADDRESS	ADJ. OWNER CITY	Adj Parcel Owner Zip -----	Distance From Centroid
907016	Vac-Air Alloys	WHITE WARD G AND	142	FALCONER ST			FREWSBURG N Y	14738	1184
907016	Vac-Air Alloys	NELSON DIXIE L &	136	FALCONER ST		136 FALCONER ST	FREWSBURG N Y	14738	1234
907016	Vac-Air Alloys	RAHR DONALD D	137	FALCONER ST			FREWSBURG N Y	14738	1264
907016	Vac-Air Alloys	NELSON DIXIE L &	FALCONER S T			136 FALCONER ST	FREWSBURG NY	14738	1332
907016	Vac-Air Alloys	GRIEHN KARL H &	135	FALCONER ST	135 FALCONER ST		FREWSBURG N Y	14738	1345
907016	Vac-Air Alloys	WATER DISTRICT	FALCONER F	REMSBURG RD			FREWSBURG N Y	14738	1358
907016	Vac-Air Alloys	WICKSTROM GEO AND	FALC FREWS	BURG RD REAR 4		RD 1 191 IVORY RD	FREWSBURG N Y	14738	1380
907016	Vac-Air Alloys	FREWSBURG DIVERSIFIE	REAR FALCO	NER ST		7 WHITE DRIVE	FREWSBURG NY	14738	1382
907016	Vac-Air Alloys	THOMPSON VICTOR E &	176	PEARL ST		176 PEARL ST	FREWSBURG NY	14738	1389
907016	Vac-Air Alloys	JOHNSON RAYMOND & EL	236	PEARL ST		12 ACADEMY ST	FREWSBURG NY	14738	1409
907016	Vac-Air Alloys	ADAMS GARY H AND	203	PEARL ST		177 PEARL ST	FREWSBURG NY	14738	1445
907016	Vac-Air Alloys	MARDOCK DOLLY	133	FALCONER ST		133 FALCONER ST	FREWSBURG NY	14738	1455

* * * * * E N D O F R E P O R T * * * * *

#907016

A. Sylvester

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control, Room 252
50 Wolf Road, Albany, New York 12233-7010
Phone: (518) 457-8807 FAX: (518) 457-8989



John P. Cahill
Commissioner

JUL - 6 1999

This letter was sent to the people on the attached list.

Dear :

The Department of Environmental Conservation (DEC) maintains a Registry of sites where hazardous waste disposal has occurred. Property located at Falconer Road in the Town of Carroll and County of Chautauqua and designated as Tax Map Numbers 1-1-19.1, 1-1-19.2, 1-1-18, 1-1-20 and 1-1-42.2 was recently reclassified as a Class 4 in the Registry. The name and site I.D. number of this property as listed in the Registry is Keywell L.L.C. VacAir Division, Site #907016.

The Classification Code 4 means that the site is properly closed -- requires continued management.

We are sending this letter to you and others who own property near the site listed above, as well as the county and town clerks. We are notifying you about these activities at this site because we believe it is important to keep you informed.

If you currently are renting or leasing your property to someone else, please share this information with them. If you no longer own the property to which this letter was sent, please provide this information to the new owner and provide this office with the name and address of the new owner so that we can correct our records.

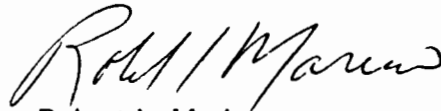
The reason for this recent classification decision is as follows:

- Remediation of the site has been completed under an order on Consent with the Department. The facility is currently operating a long term groundwater extraction and treatment system under the Department's oversight.

If you would like additional information about this site or the inactive hazardous waste site remedial program, call:

DEC's Inactive Hazardous Waste Site Toll-Free Information Number **1-800-342-9296** or New York State Health Department's Health Liaison Program (HeLP) **1-800-458-1158, ext. 6402.**

Sincerely,

A handwritten signature in black ink, appearing to read "Robt L Marino", written in a cursive style.

Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Environmental Remediation

bcc: R. Marino
T. Reamon
P. Buechi, R/9
M. Podd, R/9
S. Doleski, R/9
A. Sylvester
A. Carlson
L. Ennist

AS/srh

A Sylvester

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control, Room 252
50 Wolf Road, Albany, New York 12233-7010
Phone: (518) 457-8807 FAX: (518) 457-8989



John P. Cahill
Commissioner

JUN 21 1999

Mr. Dennis Trostle
Plant Manager
Keywell Co.
VacAir Division
Frewsburg-Falconer Road
P.O. Box 650
Frewsburg, NY 14738

Dear Mr. Trostle:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), the New York State Department of Environmental Conservation (NYSDEC) must maintain a Registry of all inactive disposal sites suspected or known to contain hazardous waste. The ECL also mandates that this Department notify the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites as to changes in site classification.

Our records indicate that you are the owner or part owner of the site listed below. Therefore, this letter constitutes notification of change in the classification of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State.

DEC Site No.: 907016
Site Name: Keywell L.L.C. VacAir Division
Site Address: Falconer Road, Carroll, NY 14738

Classification change from 2 to 4

The reason for the change is as follows:

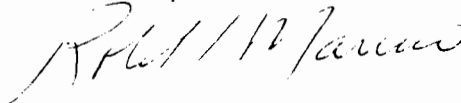
- Remediation of the site has been completed under an order on Consent with the Department. The facility is currently operating a long term groundwater extraction and treatment system under the Department's oversight.

Enclosed is a copy of the New York State Department of Environmental Conservation, Division of Environmental Remediation, Inactive Hazardous Waste Disposal Site Report form as it appears in the Registry and Annual Report, and an explanation of the site classifications. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition. Such petition may be addressed to:

John P. Cahill
Commissioner
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-0001

For additional information, please contact me at (518) 457-0747.

Sincerely,



Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Environmental Remediation

Enclosures

bcc: E. Barcomb
R. Marino
T. Reamon
A. Sylvester

w/Enc. (Copy of Site Report form only)

A. Grant
A. Carlson, DOH
S. Ervolina
S. Doleski, R/9
A. Snyder, R/9
P. Buechi, R/9
E. Belmore

New York State Department of Environmental Conservation

Division of Environmental Remediation

Bureau of Hazardous Site Control, Room 252

50 Wolf Road, Albany, New York 12233-7010

Phone: (518) 457-8807 FAX: (518) 457-8989



John P. Cahill
Commissioner

JUN 21 1999

Keywell Co.
VacAir Alloys Division
11900 S. Cottage Grove Avenue
Chicago, IL 60628

Dear Sir/Madam:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), the New York State Department of Environmental Conservation (NYSDEC) must maintain a Registry of all inactive disposal sites suspected or known to contain hazardous waste. The ECL also mandates that this Department notify the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites as to changes in site classification.

Our records indicate that you are the owner or part owner of the site listed below. Therefore, this letter constitutes notification of change in the classification of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State.

DEC Site No.: 907016
Site Name: Keywell L.L.C. VacAir Division
Site Address: Falconer Road, Carroll, NY 14738

Classification change from 2 to 4

The reason for the change is as follows:

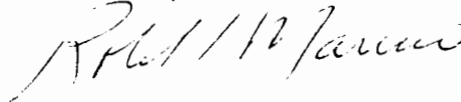
- Remediation of the site has been completed under an order on Consent with the Department. The facility is currently operating a long term groundwater extraction and treatment system under the Department's oversight.

Enclosed is a copy of the New York State Department of Environmental Conservation, Division of Environmental Remediation, Inactive Hazardous Waste Disposal Site Report form as it appears in the Registry and Annual Report, and an explanation of the site classifications. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition. Such petition may be addressed to:

John P. Cahill
Commissioner
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-0001

For additional information, please contact me at (518) 457-0747.

Sincerely,



Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Environmental Remediation

Enclosures

bcc: E. Barcomb
R. Marino
T. Reamon
A. Sylvester

w/Enc. (Copy of Site Report form only)
A. Grant
A. Carlson, DOH
S. Ervolina
S. Doleski, R/9
A. Snyder, R/9
P. Buechi, R/9
E. Belmore

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Hazardous Waste Remediation

Inactive Hazardous Waste Disposal Report

Site Name: Keywell L. L.C. Vac-Air Division			Site Code: 907016	
Class Code: 4	Region: 9	County: Chautauqua	EPA Id:	
Address: Falconer Road		City: Carroll	Zip: 14738	
Latitude: 42 41' 0"		Longitude: 79 92' 0"		
Site Type: Landfill		Estimated Size: 15	Acres	

Site Owner / Operator Information:

Current Owner(s) Name:	Keywell Co., Vac Air Alloys Division		
Current Owner(s) Address:	11900 S. Cottage Grove Ave.	Chicago	IL 60628
Owner(s) during disposal:	Vac-Air Alloys Corp.		
Operator(s) during disposal:	Vac-Air Alloys Corp.		
Stated Operator(s) Address:	Falconer Road	Carroll	NY 14738
Hazardous Waste Disposal Period:	From 1969	To Present	

Site Description:

The Vac-Air Alloys facility is located in the Town of Carroll near the northern boundary of the Village of Frewsburg. The plant is located adjacent to Conewango Creek and across Falconer Road from the Frewsburg Water District Supply Wells. Vac-Air started operations at this site in 1969. The site consists of the fenced in manufacturing area. The facility operations consist of the grading, sorting, cleaning, blending and packaging of high grade scrap-metal. The metal is cleaned by shot blasting, and degreased with solvents, mainly trichloroethylene (TCE). Waste produced from process operations include iron dust, TCE sludge, spent TCE, waste lubricating and hydraulic oils. Leachate outbreaks from the disposal area discharge to a Class I designated wetland. The facility has conducted a Site Investigation of the site. The report issued in October 1991 shows high levels of TCE in groundwater and soils on site. Samples are taken monthly from the Frewsburg Water district supply well. One sample collected in September 1991 showed the water supply to be contaminated with TCE. The wells were shut down by DOH and the Town. A new backup water supply is now being used. The company has signed a Consent Order for conducting a Remedial Investigation /Feasibility Study (RI/FS) at the site. Field work was completed in December 1992 with a Final RI Report submitted in March 1994. A Draft FS was submitted in November 1993. A Proposed Remedial Action Plan (PRAP) has been prepared for public review. A Record of Decision (ROD) was signed in March 1996. A remedial design was completed and construction began in late 1997. The remedy calls for: NAPL recovery, barrier wall, air sparging/SVE, groundwater extraction, sediment excavation, storm water controls, capping and long term monitoring. The Remedial Construction was completed in January 1998. The facility is currently performing long term operation and maintenance of the remedial system and groundwater monitoring.

Confirmed Hazardous Waste Disposal:

Trichloroethylene (F001)

Quantity:

Unknown

Analytical Data Available for:	Groundwater	Surface Water	Soil	Sediment
Applicable Standards Exceeded in:	Groundwater	Drinking Water	Surface Water	
Geotechnical Information:			Depth to	
Soil/Rock Type: Interlayered lenses of sand/gravel and clay			Groundwater: Approx. 15 feet	
Legal Action: Type: State Consent Order RI-FS			Status: Order Signed	
Remedial Action:			Nature of action:	

Assessment of Environmental Problems:

Confirmed contamination of Groundwater and surface water with solvents. Contamination could impact the Frewsburg Water District Well Field which is 300 ft. away. The wells at the Frewsburg Water District are screened in a deep aquifer, and the contaminated aquifer is not hydraulically connected to the water supply aquifer.

Assessment of Health Problems:

The site is fenced and access to the site is controlled by a security gate thus minimizing contact with contaminated soil by the public. Contamination from the site has impacted the Frewsburg Aquifer which was the main source of drinking water for the residents of the Hamlet of Frewsburg. The main production wells have been shut down. The responsible party has implemented an Interim Remedial Action which included the upgrade and repair of two existing Village back-up water well pumps to allow water to be supplied from these wells. The remedial actions should eliminate potential routes of exposure.