

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: <u>Ferroxcube</u>		Class: <u>APR 15 2003</u>		Number: <u>596011</u>	
O&M Funding Source:		☐ State Superfund ☐ Federal Superfund ☐ Municipal ☒ Responsible Party			
O&M Information:		O&M Start: <u>Oct 94</u>		End: _____	
		Annual Cost: \$ _____		☐ Estimated	
Interim Remedial Measures/Operable Units in O&M Phase:					
☐ Drum Removal		☐ Soil Removal		☐ Tank Removal	
☐ Cap/Cover		☐ Containment Structure		☐ Fence/Security	
☒ Groundwater Recovery/Treatment		☐ Leachate Collection/Treatment		☒ Vapor Extraction treatment	
☒ Air Sparging/Stripper System		☐ Treatment/Filtration Plant/System		☐ Potable Water Supply/System	
☒ Other: <u>Permagnate Injections, HRC Injections + Monitoring Wells</u>					
Institutional Controls:					
☐ Deed Restriction		☐ Discharge Permit		☐ Department of Health Sampling	
☐ Other: _____					
OBM Review Information:					
Reports: <u>MWH Quarterly Reports up to Sept 2002</u>					
Inspection: <u>1-16-03</u>					
Sampling: _____					
Other: _____					
Conclusions:					
Remedy Effective? ☐ Yes ☐ No: <u>unknown permagnate + HRC injection results remain under review</u>					
ROD Compliance? ☐ Yes ☐ No: <u>unknown</u>					
Consent Order Compliance? ☐ Yes ☐ No: <u>unknown</u>					
Other: <u>See attached inspection reports worksheet + letter</u>					
Recommendations:					
① Continue to monitor results for permagnate and HRC injections					
② keep pump + treat and vapor extraction equipment ready if it is determined it must be used again					
<u>Note: P + T system restarted mid-March, because of signs of spreading of contamination</u>					
ROD/Consent Order Modifications? ☐ No ☐ Yes (per above) Reclassify the Site? ☐ No ☐ Yes → Class: _____					
Comments:					
① Effect of injection shows some, but limited, improvement at homeowner wells. See attached sheet					
② PRP sampled additional homeowner wells in area. No contamination found					
③ Active candle factory now occupies building.					
Project Manager:			Reviewer:		
<u>Jim Schreyer</u> Signature Name			<u>Sam Pignatelli</u> Signature Name		
<u>3</u> Region or Bureau			<u>RB</u> Region or Bureau		
<u>2-5-03</u> Date			<u>3/31/03</u> Date		
<u>845-256-3148</u> Telephone			<u>X 3146</u> Telephone		

O AND M PERFORMANCE REVIEW WORKSHEET

Project: <u>Ferroncube</u>	Date: <u>2-5-03</u>
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MW	PARA	DATE CONC. ----->							
		2-27-01	5-14-01	8-13-01	11-25-01	2-25-02	6-25-02	10-02-02	
Worrad	Tetra	30	34	8	7	12	17	6.4	
	Tri	20	24	7	6	10	13	7.1	
Andrea	Tetra	210	200	27	5	30	230	62	
	Tri	14	8	3	.7	4	12	4.5	
Cumigb	Tetra	6	5	7	3	3	4	6.9	
	Tri	5	4	5	3	3	4	7.4	

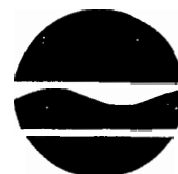
NOTES:

Residence's results

New York State Department of Environmental Conservation

Division of Environmental Remediation

Operation and Maintenance Inspection Report



John P. Cahill
Commissioner

Site # 356011 Site Name Ferroxcube Location Saugerties

Date 1-16-03 Contact Rich Hixon Phone# 518-640-6010

Type of Treatment: Pump and Treat ☒ Vapor Extraction ☒ Air Sparge ☒
Monitoring Wells ☒ Other HRC Injections TCA Area
Permanganate Injection TCE Area

Site Conditions:

- ① Good; site kept neat + clean
- ② Active candle factory now occupying buildings.

Treatment equipment status: (TCE Area)

- ① Pumps not being used for pump + treat system; can be activated within a week
- ② Vapor Ext/ Air sparge not being used; can be activated within a few weeks

Monitoring well status:

- ① Good: accessible except 1 ran over by snowplow in TCA area
- ② Some have either HRC or permanganate injected into them

Improvements needed:

unknown at this time

Person(s) present: Rich Hixon

General Comments ① TCA Area
Injected HRC in June 01 and Sept 02 @ 10 pts each event
June 01 injected to depth 15' when GW @ 7' b.g.
Sept 02 injected to depth 25' when GW @ 18' b.g.
ITW-1 sampled monthly 4 other wells sampled quarterly
② TCE Area
Permanganate injected 2 of 3 months/quarter
Monitor wells quarterly.

Inspectors name

Jim Schreyer

Inspectors signature

Date

1-16-03