

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96 10 01

Site Name: SERVALL LAUNDRY		Class: 4	Number: 1-52-077
O&M Funding Source: <input checked="" type="checkbox"/> State Superfund <input type="checkbox"/> Federal Superfund <input type="checkbox"/> Municipal <input type="checkbox"/> Responsible Party			
O&M Information: O&M Start: 11/98		End:	Annual Cost: \$250,000 <input type="checkbox"/> Estimated
Interim Remedial Measures/Operable Units in O&M Phase:			
<input type="checkbox"/> Drum Removal	<input type="checkbox"/> Soil Removal	<input type="checkbox"/> Tank Removal	
<input type="checkbox"/> Cap/Cover	<input type="checkbox"/> Containment Structure	<input type="checkbox"/> Fence/Security	
<input checked="" type="checkbox"/> Groundwater Recovery/Treatment	<input type="checkbox"/> Leachate Collection/Treatment	<input type="checkbox"/> Vapor Extraction/Treatment	
<input type="checkbox"/> Air Sparging/Stripper System	<input type="checkbox"/> Treatment/Filtration Plant/System	<input type="checkbox"/> Potable Water Supply/System	
<input type="checkbox"/> Other:			
Institutional Controls: <input type="checkbox"/> Deed Restriction <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling			
<input type="checkbox"/> Other:			
O&M Review Information:			
Reports: <u>Earthtech's Monthly Operating and Compliance Reports thru December 2001</u>			
Inspection: <u>May 16, 2001</u>			
Sampling:			
Other: <u>Regular telephone, and e-mail communication with new Earth Tech Project Manager Brett Mongillo</u>			
Conclusions:			
Remedy Effective? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:			
ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:			
Consent Order Compliance? <input type="checkbox"/> Yes <input type="checkbox"/> No:			
Other: <u>This was a State Superfund O&M initiative, utilizing a NYSDEC work assignment that ended on December 31, 2001</u>			
Recommendations: Earth Tech Inc., continued operations of this facility through November 2001 , with day to day operations being sub-contracted to H2M, who had been the prior operator under LMS. Influent concentrations have diminished from a high of 552 ppb in August 1998 , to less than 25 ppb in November 2001 . Influent concentration never exceeded 40 ppb for all of 2001 , and many months were below 20 ppb. This groundwater treatment facility was initially designed to treat an influent concentration of 14,104 ppb. The plant was operated during 2001 to be certain that the plume could not be re-captured, and 2001 operations demonstrated that the plume was no longer within the cone of influence of the extraction well. Further operation of the facility was not cost effective or significantly beneficial. The plant was prepared for shutdown in December. All iron sludge was de-watered in the plate and frame filter press and shipped out for disposal. All equipment was moth-balled and all chemicals recycled. Eastern Environmental Solutions removed 1,760 gallons of 50% hydrogen peroxide, and 600 gallons of 25% sodium hydroxide, and shipped those chemicals to Clean Water of New York. Eastern Environmental Solutions removed 2,500 gallons of 93% sulfuric acid to Biro, Inc. in Medford. and 55 gallons of hydrochloric acid was shipped to E.B Sitimpson Co. Inc in Bayport. All utilities have been disconnected, all tanks and lines were flushed with potable water, and the building has been secured.			
The equipment is entirely suitable for re-use at another site where high concentrations of PCE exist, and treatment of up to 150 gpm can be achieved by this UV-oxidation treatment process.			
ROD/Consent Order Modifications? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (per above) Reclassify the Site? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes → Class:			
Comments: While the treatment plant operation has be terminated, future periodic sampling of the monitoring wells is appropriate to monitor the downgradient migration and concentration of the plume.			
NEXT ANNUAL REVIEW: 212003			
Project Manager: <i>Carl Hoffman</i> Signature		Reviewer: <i>Thomas A. Roman</i> Signature	
March 22, 2002 Date		3/24/02 Date	
Carl Hoffman	DER ■ BHSC / WIS	(518) 402-9564	
Name	Region or Bureau	Telephone	

O&M Review Report Data Collection Form

- revised 3-15-01

Explanation	WRITE HERE	Fields
Site Code	152077	s code
Funding source (key) Circle one:	(S) F I T L R L V L B	funding
O&M responsibility (key)	(DEF) DO DHSM EPA USAF USN ARMY DOD DOE T3 RP	aegis
O&M Oversight Lead (key)	(CO) RO DOW DOH FED P360 RCRA	os lead
Lead bureau, if Central Office lead (key)	ERA CRA WRA BCS (ESC)	co bur
O&M Start Date	Month 11 Day Year 98	om start
PLN or ACT (planned or actual)	Circle one: PLN or (ACT)	pln act
Enter the amount or NA	\$250,000 or NA	an wst
Remedy (key) ie. "AS, CA, CP, GM"	(key) GW	remedy
Institutional control type (key)	NA or Circle one: 1 2 3 4 5 6 7	ins type
Which reports were used for the review?	NA or list: EARTH TECH MONTHLY	rpt name
Was an inspection made? (Y/N)	Circle one: (Y) N	insp md
Sampling done? (Y/N)	Circle one: Y (N)	sampling
DEC sampling date	Month Day Year	sampl dt
Next planned DEC sampling date	Month Day Year	pl sampl
Other (YIN)	Circle one: (Y) N	other
Comments if "Y" in OTHER, ie. "DEC INSPECTION ON 4/3/00"	Comment: INSPECTION - MAY 2001	other
Remedy effective? (YIN, D = as designed, NA)	Circle one: (Y) N D NA	rem eff
ROD compliance? (Y/N, NA)	Circle one: (Y) N NA	rod cml
Consent order compliance (Y/N, NA)	Circle one: Y/N (NA)	con cml
Problems? (key)	(key) NO	problems
Rating of the degree of problem: SLight, MODerate, SEVere, NA	Circle one: SL MOD SEV (NA)	prob dgr
Describe the current site status with respect to the problem	E-mail to Will or use back of this form	descr
Describe what's been done about the problem	E-mail to Will or use the back of this form	action
ROD/CO modifications? (YIN)	Circle one: Y (N)	rod mod
Reclassify the site? (YIN)	Circle one: Y (N)	reclass
Recommended class (Enter reclass # or NA)	New or recommended class:	red to
O&M Status (key)	Circle one: (1) 2 3 4 5	conduct
Comments: (If lengthy, e-mail to Will) TREATMENT SHUT DOWN 12/01 AS INFLUENT CONCENTRATIONS ARE CONSISTENTLY BELOW 25ppb. FUTURE O&M WILL BE PERIODIC MONITORING OF PLUME MONITORING WELLS. SEE REVERSE SIDE FOR FURTHER INFORMATION.		
Next Review Date 2/2003	Month 2 Day Year 2003	next rev
Project Manager who signed the form	Name: CARL HOFFMAN	proj mgr
Reviewer who signed the form	Name: THOMAS REAMON	reviewer
Review report date, signature date	Month 3 Day 22 Year 2002	rpt date