

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: <u>Erdlic Perforating</u>		Class: <u>2</u>	Number: <u>828072</u>
O&M Funding Source: <input type="checkbox"/> State Superfund <input type="checkbox"/> Federal Superfund <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Responsible Party			
O&M Information:		O&M Start:	End:
		Annual Cost: \$ <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 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 checked="" type="checkbox"/> Other: <u>Dual Phase Extraction System</u>			
Institutional Controls: <input type="checkbox"/> Deed Restriction <input checked="" type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling			
<input type="checkbox"/> Other: <u>to POTW</u>			
O&M Review Information:			
Reports: <u>June 1999 Quarterly Progress Report</u>			
Inspection: <u>10/25/99 Site Inspection by David Pratt</u>			
Sampling:			
Other:			
Conclusions:			
Remedy Effective? <input type="checkbox"/> Yes <input type="checkbox"/> No: <u>Unknown - Off-site/downgradient wells needed.</u>			
ROD Compliance? <input type="checkbox"/> Yes <input type="checkbox"/> No: <u>N/A</u>			
Consent Order Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:			
Other:			
Recommendations: <u>Erdlic is currently installing monitoring wells off-site/downgradient as requested by NYSED. Additional data from the new wells should help determine effectiveness of IRM system and should also complete the requirements of a full RI. A Feasibility Study should be completed as the next phase.</u>			
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: <u>The dual phase system appears to be in good condition. The system was not operating at the time of the inspection due to the planned groundwater sampling. Attached sheets outlining performance are from the June 1999 Quarterly Progress Report.</u>			
Project Manager:		Reviewer:	
<u>[Signature]</u> <u>11/05/99</u>		<u>[Signature]</u> <u>12/10/99</u>	
Signature Date		Signature Date	
<u>DAVID G. PRATT, PE R-8 716 226 5355</u>		<u>MARY JANE PEACHEY, PE R-8 716 226 5349</u>	
Name Region or Bureau Telephone		Name Region or Bureau Telephone	

Table 3
Liquid Phase Analytical Results (ug/L)
2-Phase Extraction System
Erdle Perforating

Location/Parameter	12/1/98	1/27/99	2/26/99
Primary Inlet			
Trichloroethylene	220	310	300
Trans-1,2,Dichloroethene	11	ND	ND
1,2-Dichloropropane	ND	ND	41
Methylene Chloride	12	ND	18
Vinyl Chloride	11	ND	ND
Primary Outlet			
Trichloroethylene	6.2	9.7	9.4
Chloroethane	ND	1.2	ND
Secondary Outlet			
Trichloroethylene	ND	ND	ND
Trans-1,2,Dichloroethene	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND
Methylene Chloride	ND	ND	ND
Vinyl Chloride	ND	ND	ND
Chloroethane	ND	ND	ND

Note: "ND" = Not Detected.

Table 2
Vapor Phase Analytical Results (ppmv)
2-Phase Extraction System
Erdle Perforating

Location/Parameter	12/1/98	1/27/99	2/26/99
Primary Inlet			
1,1-Dichloroethylene	0.01	0.03	0.01
1,1-Dichloroethane	0.04	0.07	0.03
1,1,1-Trichloroethane	ND	0.008	0.005
Trichloroethylene	12.55	15.495	11.921
Perchloroethylene	0.009	0.014	0.012
Primary Outlet			
1,1-Dichloroethylene	0.02	0.06	0.03
Trans-1,2,Dichloroethylene	ND	0.2	0.4
1,1-Dichloroethane	ND	0.05	0.09
1,1,1-Trichloroethane	ND	ND	0.012
Trichloroethylene	ND	0.086	4.009
Perchloroethylene	ND	ND	0.007
Secondary Outlet			
1,1-Dichloroethylene	ND	ND	0.08
Trans-1,2,Dichloroethylene	ND	ND	ND
1,1-Dichloroethane	ND	ND	0.02
1,1,1-Trichloroethane	ND	ND	ND
Trichloroethylene	ND	ND	0.005
Perchloroethylene	ND	ND	ND

Figure 1
Erdle Perforating
2-PHASE Extraction System
Mass Removed (lb.)
IRM Operation July 1997- February 1998

