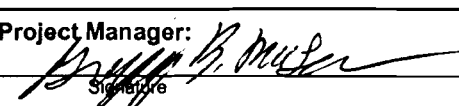
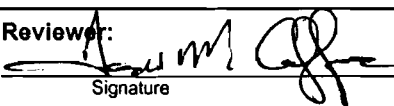


Inactive Hazardous Waste Site Operations and Maintenance Review Report

Form Date 96.10.01

Site Name: Jarl Extrusions		Class: 4	Number: 828-005															
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: 11/10/00 End: On-going Annual Cost: \$5,000 <input checked="" type="checkbox"/> Estimated																		
Interim Remedial Measures/Operable Units in O&M Phase: <table border="0"><tr><td><input type="checkbox"/> Drum Removal</td><td><input type="checkbox"/> Soil Removal</td><td><input type="checkbox"/> Tank Removal</td></tr><tr><td><input checked="" type="checkbox"/> Cap/Cover</td><td><input type="checkbox"/> Containment Structure</td><td><input checked="" type="checkbox"/> Fence/Security</td></tr><tr><td><input type="checkbox"/> Groundwater Recovery/Treatment</td><td><input type="checkbox"/> Leachate Collection/Treatment</td><td><input type="checkbox"/> Vapor Extraction/Treatment</td></tr><tr><td><input type="checkbox"/> Air Sparging/Stripper System</td><td><input type="checkbox"/> Treatment/Filtration Plant/System</td><td><input type="checkbox"/> Potable Water Supply/System</td></tr><tr><td colspan="3"><input type="checkbox"/> Other:</td></tr></table>				<input type="checkbox"/> Drum Removal	<input type="checkbox"/> Soil Removal	<input type="checkbox"/> Tank Removal	<input checked="" type="checkbox"/> Cap/Cover	<input type="checkbox"/> Containment Structure	<input checked="" 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 type="checkbox"/> Other:		
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<input type="checkbox"/> Other:																		
Institutional Controls: <input checked="" type="checkbox"/> Deed Restriction <input type="checkbox"/> Discharge Permit <input type="checkbox"/> Department of Health Sampling <input checked="" type="checkbox"/> Other: Operation, Maintenance and Groundwater Monitoring Program																		
O&M Review Information: Reports: ROD (March 1998); Order on Consent (February 2000); Operation, Maintenance and Ground Water Monitoring Plan prepared by O'Brien & Gere Engineers, Inc. (October 2000); Annual OM&M Reports by O'Brien & Gere Inspection: 6/12/01 by G. MacLean and J. Craft - Met with Guy Swenson and Time Prawl of O'Brien & Gere Sampling: Annual sampling of 4 shallow groundwater monitoring wells for TCE, 1,2-DCE, total and hexavalent chromium, and manganese; most recently completed June 2001. Other:																		
Conclusions: Remedy Effective? <input type="checkbox"/> Yes <input type="checkbox"/> No: Inconclusive. Additional monitoring is necessary to determine whether or not the remedy has been effective in meeting SCGs. Split samples collected by the Department in June 2001 indicate elevated levels of copper and nickel in shallow groundwater that had not been previously been a concern (see Recommendation). ROD Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: Consent Order Compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: Physical security and posting issues have been adequately addressed as of the 6/12/01 site inspection (see second comment below). Other:																		
Recommendations: In a letter dated September 27, 2001, the Department recommended to Alcan that the spring 2002 annual groundwater monitoring event include analysis of all TAL metals to confirm the results of the June 2001 NYSDEC split samples (copper up to 14.3 ppm and nickel up to 2.34 ppm). Low-flow techniques are the preferred method where possible. For those wells where recharge is insufficient to allow successful low-flow purging and sampling, purging the wells dry and collecting samples after sufficient recharge is acceptable; however, turbidity needs to be recorded at the time of sample collection. A determination on the appropriate course of action to address the elevated concentrations of copper and nickel in shallow groundwater at the site will be deferred until results of the spring 2002 sampling event, as more fully described in the Department's letter dated September 27, 2001, are received.																		
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: O'Brien & Gere's September 5, 2001 OM&M Report indicates that well B-6 will no longer be sampled and the remaining 14 monitoring wells at the site (not included in the sampling program) will be decommissioned in accordance with provisions of the OM&M Plan. Due to the elevated levels of copper and nickel detected in shallow groundwater; however, the Department recommended in the September 27, 2001 letter that well B-6 continue to be sampled and the 14 additional wells continue to be used for groundwater elevation monitoring. The asphalt cap continues to be in good condition with no evidence of cracks or deterioration noted. Although loader tracks were noted on the cap on June 12, 2001, modifications made to the barrier at the entrance to the cap should be sufficient to prevent future access, provided it is checked and maintained properly.																		
Project Manager:  Signature Gregory B. MacLean Region 8-DER (716)226-5356 Name Region or Bureau Telephone		Reviewer:  Signature Todd Caffoe, P.E. Region 8-DER (716)226-5350 Name Region or Bureau Telephone																