

**ATTACHMENT 1  
HAZARDOUS WASTE SITE ANNUAL REVIEW CERTIFICATION**

SITE NAME: Love Canal SITE ID: 932020  
 LEAD AGENCY O&M: N.Y.S.D.E.C. O&M START DATE: 12/79  
 BUREAU O&M: Region 9 O&M END DATE: \_\_\_\_\_  
 SECTION O&M: North O&M TOTAL COST/YR.: 800,000+  
 PROJECT MANAGER: Abul Barkat/Brian Sadowski RESPONSIBLE PARTY: Occidental Chemical Corporation  
 LOC/OWNER CODE: 9  
 OPERABLE UNIT DESCRIPTION(S): Site Containment Cap Extension and Treatment Plant

INSTITUTIONAL CONTROL: (Explain) Consent Decree, NFDWWF for discharge permit, NFDOWF and NCDOH for plant backflow preventer inspection and certification.

The following review is based on (Describe the activities/data, both field and office, that you evaluated for this review):

FOR RESPONSIBLE PARTY LEAD SITES:

O&M TASKS

REFERENCES

INSPECTION  
 PERFORMANCE MONITORING CHECK SAMPLES  
 EFFECTIVENESS MONITORING CHECK SAMPLES  
 DMR/GROUNDWATER MONITORING REPORT REVIEW

Cap and Fence on 10/6/95, 2/26/96, and 5/3/96. Plant 5/3/96  
NFDWWF discharge verification.  
Groundwater 5/95  
Quarterly Self Monitoring Reports submitted to NFDWWF : 2/23/95, 5/25/95, 8/28/95, 11/28/95, 2/21/96, 5/21/96. DEC

review upon receipt. GWM: DEC review 4/96 for 1995 annual sampling.

FOR STATE LEAD SITES:

O&M TASKS

REFERENCES

INSPECTION  
 SITE O&M  
 PLANT O&M  
 PERFORMANCE MONITORING  
 EFFECTIVENESS MONITORING  
 MANUAL/COST./IMPROVE  
 REPORT REVIEW  
 CP ACTIVITY  
 NEGOTIATIONS

\_\_\_\_\_  
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Transitional and oversight training.

**CONCLUSIONS:**

The above tasks have been completed, the appropriate data (or Responsible Party submittal(s)) have been reviewed resulting in the following comments:

- I. Describe how the remedy is performing: DMR data in compliance with permit. No qtr. violations for 1995 except one vol. exce'dnce.
- II. Describe the effectiveness of the remedy: Inward hydraulic gradient maintained. Off-site chemical migration is non-detect. 1995 data.
- III. Describe whether or not the ROD conditions are being met: \_\_\_\_\_
- IV. Describe whether or not the consent order conditions are being met: \_\_\_\_\_

**RECOMMENDATIONS:**

- 1. There are operational corrections/upgrades necessary: Yes. Clarifier repair or replacement. DCF monitoring well repair.
- 2. Modifications or implementation of institutional controls are necessary: No.
- 3. Re-evaluation of the remedy is required: No.
- 4. A full detailed review of the site should be developed: No.
- 5. A reclassification package should be initiated to a Class (fill in) N/A and explain why: Waste is in place. Class 4 indefinitely.

General Comments/Explanations/Sketches: (Attach sheet if necessary): Contract Number D003371 Monitoring Well Decommissioning is complete. Cap repaired. Carbon change not yet performed. Last inquiry 8/2/96. BHC monitored weekly for carbon exhaustion indications. DEC offer to be on-site when carbon change is needed, still in effect. Dewatering Containment Facility and Clay Stockpile Area Remediation 80% complete. Work plan to repair the DCF's monitoring wells, remove the six inch HDPE gravity drain pipe from Cell-B and restore the turf has been submitted to the DEC from Conestoga Rovers and Associates.

Project Manager: Abul Barkat/Brian Sadowski Date: 8/5/96  
 Regional Hazardous Waste Engineer: Daniel K. King Date: August 5, 1996  
 or, Chief, Operation, Maintenance & Support Section