

**LOVE CANAL
1998 ANNUAL OPERATION AND
MAINTENANCE REPORT**

**Miller Springs Remediation Management, Inc.
Niagara Falls, New York**

FOREWORD

The 1998 Love Canal Annual Operation and Maintenance Report is submitted pursuant to Section 2.C. of Appendix B of the Consent Judgment between Occidental Chemical Corporation (OCC) and the State of New York, effective October 7, 1994. It covers those developments and activities which occurred in the 1998 calendar year. This is the fourth Annual Report issued by OCC. Annual Reports prior to the 1995 calendar year were issued by the New York State Department of Environmental Conservation (NYSDEC).

Effective July 1, 1998 site operational responsibility for the Love Canal site was assigned by Occidental Chemical Company to Miller Springs Remediation Management Inc. (MSRM), a Glenn Springs Holdings, Inc. (GSHI) affiliate. GSHI, is a subsidiary of Occidental Petroleum Company.

For further information regarding the developments and activities at Love Canal, please contact:

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SUMMARY

Responsibility for site operations and control passed from NYSDEC to OCC on January 5, 1995. Shortly thereafter, on January 12, 1995, the NYSDEC reclassified the site to Class 4. This is a site, which has been properly closed and requires continued management. Operations in 1998 were routine in nature.

THE LONG-TERM MONITORING PROGRAM

The Long-Term Monitoring Program examines hydrogeologic and chemical data from the Love Canal area in order to evaluate the overall effectiveness of the containment system. In 1998 one round of samples was collected from 34 long-term monitoring wells that surround the site. Quarterly groundwater elevations were taken in six groups of piezometers located around the site.

The basic conclusion from the 1998 data is that it is similar to previous data gathered from 1989 to 1997, and that the barrier drain is functioning as designed. Both the hydrological and chemical evidence supports this conclusion.