

2021 Hazardous Waste Scanning Project

File Form Naming Convention.

(File_Type).(Program).(Site_Number).(YYYY-MM-DD).(File_Name).pdf

Note 1: Each category is separated by a period "."

Note 2: Each word within category is separated by an underscore "_"

Specific File Naming Convention Label:

Report.HW.932020.1996-01-01.95-96 - Annual Report.pdf

**LOVE CANAL
1996 ANNUAL OPERATION AND
MAINTENANCE REPORT**

RECEIVED

MAR 03 1997

NYSDEC-REG.9
FOIL
REL UNREL

**Occidental Chemical Corporation
Niagara Falls, New York**

FOREWORD

The 1996 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 1996 calendar year. This is the second 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). For further information regarding the developments and activities at Love Canal, please contact:

Dennis M. O'Neil
Human Resources Manager
Occidental Chemical Corporation
2801 Long Road
Grand Island, NY 14072
Phone: (716) 773-8525

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 a Class 4 site. This is a site which has been properly closed and requires continued management. Operation in 1996 proceeded smoothly with no incidents out of the ordinary.

LOVE CANAL LEACHATE COLLECTION AND TREATMENT

A new City wastewater discharge permit was issued to OCC on January 5, 1995. The Love Canal Leachate Treatment Facility's discharges met all discharge requirements of City permit during the year. The leachate collection system continued to function as designed drawing groundwater toward the underground drain system from both the landfill and the surrounding area beyond the cap.

OPERATION AND MAINTENANCE ACTIVITIES

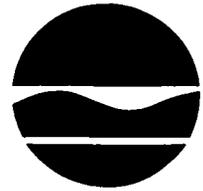
- No carbon changes occurred at the Leachate Treatment Facility this year.
- Nineteen rollofs were sent to the Buffalo Avenue Plant for temporary storage pending appropriate disposal.
- The NYSDEC completed closure of 115 wells no longer required for data collection. The well parts were drummed and transported to the OCC Buffalo Avenue Plant for temporary storage pending appropriate disposal.
- Monitoring well 8135 was installed May 8, 1996 to replace monitoring well 4108 which had been closed by the NYSDEC.
- The unused dewatering containment facility and clay inventory was moved from the site to the 102nd Street site for use as contouring and cap material.

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 1996, one round of samples was collected from 35 long-term monitoring wells that surround the site. Approximately quarterly groundwater elevations are taken in six groups of piezometers located around the site.

The basic conclusion from the 1996 data is that it is similar to previous data gathered from 1989 to 1995, and that the barrier drain is functioning as designed. This conclusion is supported by both the hydrological and chemical evidence.

New York State Department of Environmental Conservation
50 Wolf Road, Room 260A, Albany, New York 12233 - 7010
(518) 457-0927 FAX (518) 457-8989



Michael D. Zagata
Commissioner

Ms. Arien Robinson
247 Rumbold Ave.
North Tonawanda, NY 14120

JUN 11 1996

Dear Ms. Robinson:

This is in response to your telephone call of June 4, 1996, regarding information on the Love Canal Site in Niagara Falls, New York.

Even though the Department of Environmental Conservation has operated and maintained the Love Canal Treatment Facility since 1979, the Department turned over the responsibility for the operation and maintenance of the site to Occidental Chemical Corporation on January 5, 1995 in accordance with the settlement reached between the State and Occidental Chemical Corporation. Please contact Occidental Chemical Corporation at the following address:

Mr. James Greene
Occidental Chemical Corporation
360 Rainbow Blvd. S.
Niagara Falls, NY 14302

Phone: (716) 286-3067

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For further information on the Love Canal, you may contact:

Ms. Mary Ann Storr
US Environmental Protection Agency
Niagara Falls Public Information Office
Carborundum Center
345 Third St., Suite 530
Niagara Falls, NY 14303

Phone (716) 285-8842

Fax (716) 285-8788

Thank you for your interest in the Love Canal Site. If you have any questions, please contact me or Mr. Ben Loredo, of my staff, at (518) 457-0927.

Sincerely,

Gerald J. Rider, Jr.
Chief

Operation, Maintenance and Support Section
Bureau of Hazardous Site Control
Division of Hazardous Waste Remediation

bcc. E. Barcomb
B. Loredo
M. Podd (Reg. 9)

ACTION TAB

TO: Michael Poedel

DATE: 3/6/96

FROM: **James M. Green**/(716) 286-3067

- FOR YOUR INFORMATION
- FOR IMMEDIATE ACTION
- FOR YOUR APPROVAL
- FOR YOUR COMMENTS
- FOR YOUR SIGNATURE
- TAKE APPROPRIATE ACTION
- AS YOU REQUESTED

- CALL ME
- SEE ME
- NOTE & RETURN
- NOTE & DISCARD
- NOTE & FILE
- NOTE & FORWARD
- PREPARE A REPLY

Michael - Per your request,
attached is copy of Love Canal
report to be issued by our
Municipal Plant on/after 4/1/96.

Regards.

Jim Green



Occidental Chemical Corporation
Western New York Public Affairs

360 Rainbow Blvd. South • Niagara Falls, New York 14303

**LOVE CANAL
1995 ANNUAL OPERATION AND
MAINTENANCE REPORT**

**Occidental Chemical Corporation
Niagara Falls, New York**

FORWARD

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James Green
360 Rainbow Blvd. S.
Niagara Falls, New York, 14302
Phone: (716) 286-3067

SUMMARY

This year was a period of transition as the responsibility for site operations and control passed from NYDEC to OCC on January 5, 1995. Shortly thereafter on January 12, 1995, the NYDEC reclassified the site to a Class 4 site. This is a site which has been properly closed and requires continued management. NYDEC remained at the site for a short period following the change in site responsibility to monitor OCC performance. The transition in site control and continued operation in 1995 proceeded smoothly with no incidents out of the ordinary.

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LOVE CANAL LEACHATE COLLECTION AND TREATMENT

A new City wastewater discharge permit was issued to OCC on January 5, 1995. The Love Canal Leachate Treatment Facility's discharges met all discharge requirements of City permit during the year. The leachate collection system continued to function as designed drawing ground water toward the underground drain system from both the landfill and the surrounding area beyond the cap.

OPERATION AND MAINTENANCE ACTIVITIES

- No carbon changes occurred at the Leachate Treatment Facility this year. No spent carbon or other solid waste was transported from the site.
- Approximately 4000 ft. of deteriorated fencing was replaced at the site perimeter.
- Major repairs at Leachate Treatment Building and Administration Building were undertaken and included new roofs, wall repair, caulking and painting.
- In October, the NYDEC commenced closure of 134 wells no longer required for data collection.
- OCC received NYDEC approval to move the unused dewatering facility and clay inventory at the site to the 102nd St. site for use as contouring and cap material. Movement will start in the summer of 1996.

THE LONG-TERM MONITORING PROGRAM

The Long-Term Monitoring Program examines hydrological and chemical data from the Love Canal area in order to evaluate the overall effectiveness of the containment system. In 1995, one round of samples was collected from 38 long-term monitoring wells that surround the site. Approximately quarterly groundwater elevations are taken in six groups of piezometers located around the site.

The basic conclusion from the 1995 data is that it is similar to previous data gathered from 1989 to 1994, and that the barrier drain is functioning as designed. This conclusion is supported by both the hydrological and chemical evidence.

OxyChem®

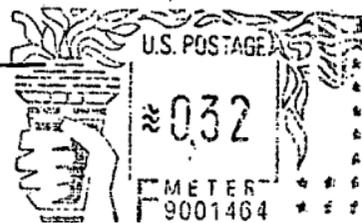


Occidental Chemical Corporation

Occidental Chemical Center

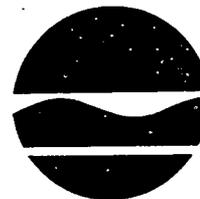
360 Rainbow Boulevard South

P.O. Box 728, Niagara Falls, NY 14302-0728



Community Outreach File
NYSDEC, Region 9
270 Michigan Avenue
Buffalo, NY 14203





Michael D. Zagata
Commissioner

MEMORANDUM

TO: SEE DISTRIBUTION
FROM: Michael Podd, Region 9 Citizen Participation Specialist *MP*
SUBJECT: Review of Draft Love Canal 1995 Annual Report Developed By OCC

DATE: March 27, 1996

Attached is the draft of the 1995 Annual Report about O&M activities at Love Canal by OCC. It also notes the site classification change from a Class 2 to a Class 4.

Please review and contact me before the close of business Monday April 1, 1996, with any questions or comments. I can be reached at (716) 851-7220, or by Fax at (716) 851-7226.

FOR RELEASE ON: Date to be determined.

RELEASE TOPIC: Annual Report regarding OCC O&M activities.

Thank you for your cooperation.

Attachment

DISTRIBUTION:

Mr. Peter Buechi, DEC
Mr. Daniel King, DEC
Mr. Maurice Moore, DEC
Mr. Brian Sadowski, DEC
Mr. Gerald Rider, DEC
Ms. Charlene Thiemann, DOH

*MIKE,
JUST A COUPLE OF
COMMENTS*

pr

*Sent out by OCC 4/1/96
without DEC approval
or review being completed.*

MP

LOVE CANAL
1995 ANNUAL OPERATION AND
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Occidental Chemical Corporation
Niagara Falls, New York

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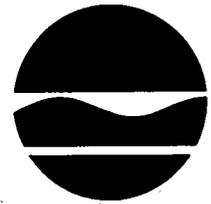
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