



**DEPARTMENT OF THE ARMY**  
BUFFALO DISTRICT, CORPS OF ENGINEERS  
1776 NIAGARA STREET  
BUFFALO, NEW YORK 14207-3199

REPLY TO  
ATTENTION OF  
CELRB-PE-PT

July 31, 1998

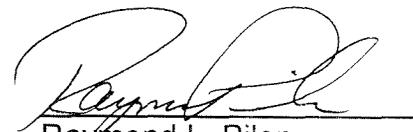
Jack Hoyt  
USEPA Region 2  
Air and Waste Management Division  
Attn: RCRA Notifications  
290 Broadway, 21st Floor  
New York, NY 10007-1 866

Mr. Hoyt:

Enclosed is an application for an EPA ID number for the Former Lake Ontario Ordnance Works (LOOW) in Niagara County, NY. As Mary Kay O'Mara explained to you during your telephone conversation on 7/30/98, the site is a formerly used defense site, however the property has subsequently been exsessed and sold to private and municipal owners. The contamination on site was generated by the DoD, and all removal actions under this ID number will be for DoD cleanup. Also enclosed for your information is a fact sheet for the site including a map delineating the original boundaries of the LOOW.

If you have any technical questions related to the ID number application please contact Mary Kay O'Mara of the Hydrologic and Hydraulic Engineering Section, she can be reached at (716) 879-44 17. If you have any other questions related to the LOOW please contact me at (716) 879-4146.

Thankyou.

  
Raymond L. Pilon  
Project Manager

*Justin Wesley w/out encl.  
fax copy to  
Justin - into  
410 962 2318*

Please refer to Section V, Line-by-Line Instructions for Completing EPA Form 8700-12, before completing this form. The information requested here is required by law (Section 3019 of a Resource Conservation and Recovery Act)

# Notification of Regulated Waste Activity



United States Environmental Protection Agency

Date Received  
(For Official Use Only)

**I. Installation's EPA ID Number (Mark 'X' in the appropriate box)**

<input checked="" type="checkbox"/> A. Initial Notification	<input type="checkbox"/> B. Subsequent Notification (Complete Item C)	C. Installation's EPA ID Number
---	--	---------------------------------

**II. Name of Installation (Include company and specific site name)**

LAKE ONTARIO ORDNANCE WORKS

**III. Location of Installation (Physical address not P.O. Box or Route Number)**

Street  
1600 BALMER ROAD

Street (Continued)

City or Town: YOUNGSTOWN      State: NY      Zip Code: 14174-

County Code:      County Name: NIAGARA

**IV. Installation Mailing Address (See Instructions)**

Street or P.O. Box  
1776 NIAGARA STREET

City or Town: BUFFALO      State: NY      Zip Code: 14207-3199

**V. Installation Contact (Person to be contacted regarding waste activities at site)**

Name (Last): PILON      (First): RAYMOND

Job Title: PROJECT MANAGER      Phone Number (Area Code and Number): 716-879-4146

**VI. Installation Contact Address (See Instructions)**

A. Contact Address Location	Mailing	B. Street or P.O. Box
		1776 NIAGARA STREET
City or Town	State	Zip Code
BUFFALO	NY	14207-3199

**VII. Ownership (See Instructions)**

A. Name of Installation's Legal Owner  
DEPARTMENT OF DEFENSE

Street, P.O. Box, or Route Number  
1776 NIAGARA STREET

City or Town: BUFFALO      State: NY      Zip Code: 14207-3199

Phone Number (Area Code and Number) 716-879-4146	B. Land Type F	C. Owner Type F	D. Change of Owner Indicator Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	(Date Changed) Month:      Day:      Year:
---	-------------------	--------------------	---	---

ID - For Official Use Only									

VIII. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions)

A. Hazardous Waste Activity		B. Used Oil Recycling Activities
<p>1. Generator (See Instructions)</p> <p><input checked="" type="checkbox"/> a. Greater than 1000kg/mo (2,200 lbs.)</p> <p><input type="checkbox"/> b. 100 to 1000 kg/mo (220-2,200 lbs.)</p> <p><input type="checkbox"/> c. Less than 100 kg/mo (220 lbs.)</p> <p>2. Transporter (Indicate Mode in boxes 1-5 below)</p> <p><input type="checkbox"/> a. For own waste only</p> <p><input type="checkbox"/> b. For commercial purposes</p> <p>Mode of Transportation</p> <p><input type="checkbox"/> 1. Air</p> <p><input type="checkbox"/> 2. Rail</p> <p><input type="checkbox"/> 3. Highway</p> <p><input type="checkbox"/> 4. Water</p> <p><input type="checkbox"/> 5. Other - specify</p> <p>_____</p>	<p><input type="checkbox"/> 3. Treater, Storer, Disposer (at installation) Note: A permit is required for this activity, see instructions.</p> <p>4. Hazardous Waste Fuel</p> <p><input type="checkbox"/> a. Generator Marketing to Burner</p> <p><input type="checkbox"/> b. Other Marketers</p> <p><input type="checkbox"/> c. Boiler and/or Industrial Furnace</p> <p><input type="checkbox"/> 1. Smelter/Deferral</p> <p><input type="checkbox"/> 2. Small Quantity Exemption</p> <p>Indicate Type of Combustion Device(s)</p> <p><input type="checkbox"/> 1. Utility Boiler</p> <p><input type="checkbox"/> 2. Industrial Boiler</p> <p><input type="checkbox"/> 3. Industrial Furnace</p> <p><input type="checkbox"/> 5. Underground Injection Control</p>	<p>1. Used Oil Recycling Marketer</p> <p><input type="checkbox"/> a. Marketer Directs Shipment of Used Oil to Off-Specification Burner</p> <p><input type="checkbox"/> b. Marketer Who First Claims the Used Oil Meets the Specifications</p> <p>2. Used Oil Burner - Indicate Type(s) of Combustion Device</p> <p><input type="checkbox"/> a. Utility Boiler</p> <p><input type="checkbox"/> b. Industrial Boiler</p> <p><input type="checkbox"/> c. Industrial Furnace</p> <p>3. Used Oil Transporter - Indicate Type(s) of Combustion Device(s)</p> <p>a. Transporter</p> <p>b. Transfer Facility</p> <p>4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)</p> <p><input type="checkbox"/> a. Process</p> <p><input type="checkbox"/> b. Re-refine</p>

IX. Description of Regulated Wastes (Use additional sheets if necessary)

A. Characteristics of Nonlisted Hazardous Wastes: (Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 267.20 + 261.24)

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

3. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)

1	2	3	4	5	6
7	8	9	10	11	12

C. Other Wastes. (State or other wastes requiring a handler to have an I.D. number; See instructions.)

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title (Type or print)	Date Signed
<i>Fred Boglione</i>	FREDRICK L. BOGLIONE CHIEF ENV. ENRG SECTION	7/31/98

XI. Comments

AD was the original property owner and was the responsible party for the waste which is being removed. This site has since been transferred to private municipal property.

Note: Mail completed form to the appropriate EPA Region or State Office. (See Section III of the booklet for addresses.)

ID - For Official Use Only

X. Description of Regulated Wastes (Continued; (Additional Sheet)

B. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33; Use this page only if you need to list more than 12 waste codes.)

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120



**U.S. Army Corps  
Engineers®**

Buffalo District



**Fact Sheet**

MAY 1998

## Lake Ontario Ordnance Works

### Telephone:

Please call the U. S. Army Corps of Engineers 24-hour, toll-free public access line.

Toll-free Telephone Number:

1-800-833-6390

Your call will be returned promptly.

### Internet:

FUSRAP also has a home page on the Internet

Home Page Address:  
<http://www.fusrap.usace.army.mil>

Buffalo District  
Home Page Address:  
<http://www.ncb.usace.army.mil>

### Mail:

**u. s. Army corps**  
of Engineers  
ATTN: Public  
Information Center  
1776 Niagara Street  
Buffalo, NY 14207  
(716) 879-4104

*Please let us know if you would like to be included on our mailing list for the former LOOW site.*

### Site Description and History

The former Lake Ontario Ordnance Works (LOOW) site is a 7,500-acre parcel located within the townships of Lewiston and Porter in Niagara County, New York. The site is approximately ten miles north of the city of Niagara Falls, 15 miles west of the city of Lockport, two miles south of Lake Ontario and less than two miles east of the Niagara River.

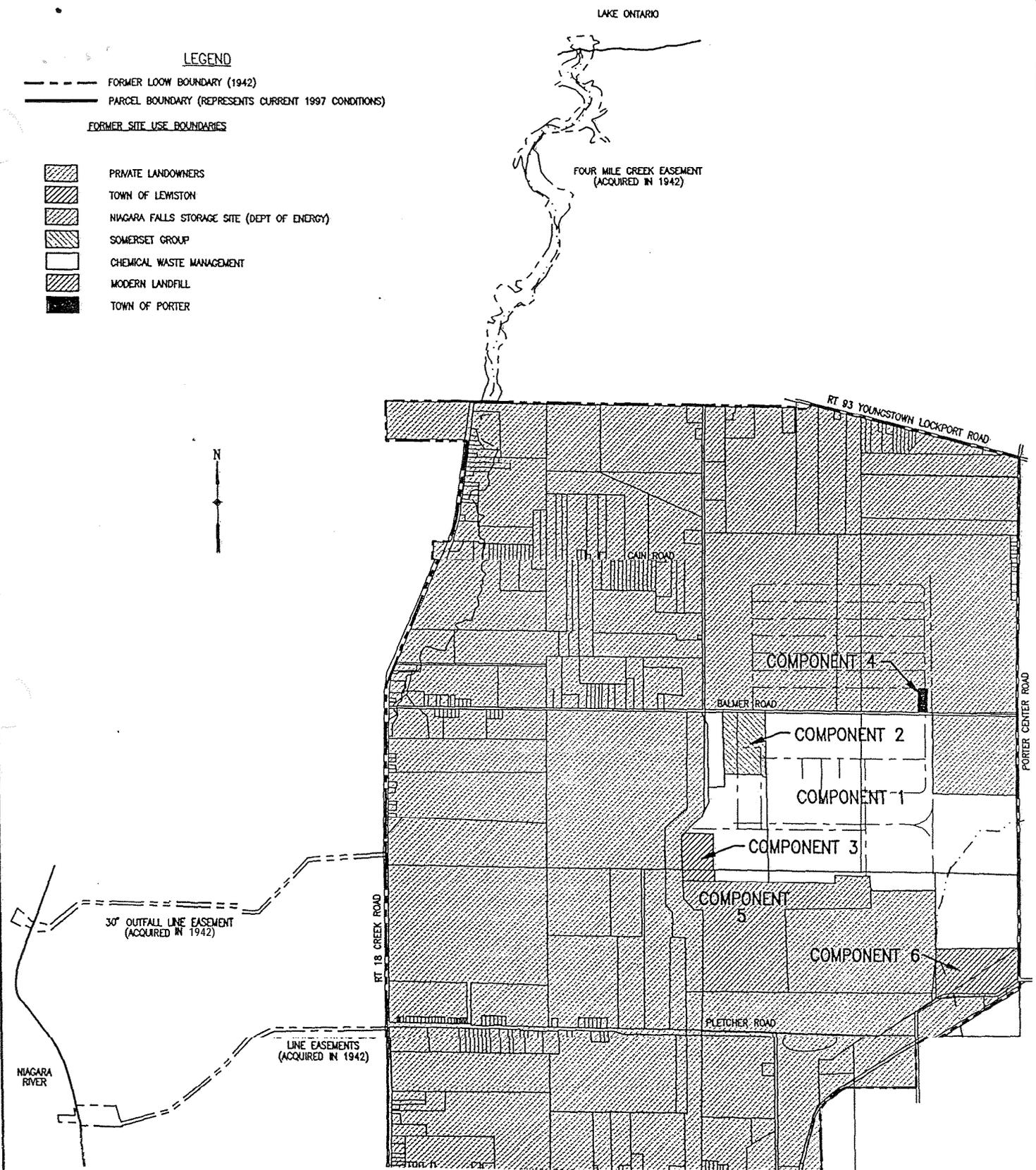
Approximately 2,500 acres were used in the early 1940s by the War Department for production and storage of trinitrotoluene (TNT), an explosive, for World War II. The remaining 5,000 acres were left undeveloped to serve as a buffer. Portions of the LOOW site have since been used by several branches of the Departments of Defense and Energy for various manufacturing and storage activities, including the pilot production of high energy fuels.

Overestimation by the Army of the need for TNT during World War II resulted in the closure of the TNT plant in July 1943 after only nine months of operation. Following the decommissioning of the TNT plant, the majority of the LOOW facility was sold to private citizens, with the government retaining the former active 2,500-acre portion of the site. Current uses include public schools, residential areas, small farms, churches, a conservation club, a trout hatchery, and other privately-owned operations. Portions of the property remain under government ownership.

### Work to Date

In January 1988, the former LOOW site was determined to be eligible for inclusion in the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP-FUDS). A Remedial Investigation /Feasibility Study (RI/FS) of the TNT pipeline, the Chemical Waste Sewer, and the Drum Trench referred to as Area A, and the Burn Pit referred to as Area B, was completed in July 1988. A Preliminary Contamination Assessment (PCA) addressing loose chemicals and asbestos problems on the Somerset Property, was completed in July 1992. The final Engineering Evaluation/Cost Analysis (EE/CA) for removal actions in both units, was completed in March 1995. A comprehensive site-wide RI/FS is scheduled to be completed in 2001, with Phase I investigations commencing in May 1998.

Several interim removal actions, including asbestos, chemical, and pipeline remediation, are planned. In addition, Innovative Technologies are being implemented for the LOOW site, to include bioremediation of TNT and PCBs.



The general areas to be investigated have been designated as Components (Figure 1-2), as follows:

- Component 1 - CWM
- Component 2 - Somerset Group
- Component 3 -Town of **Lewiston**
- Component 4 -Town of Porter
- Component 5 - **Niagara Falls Storage Site (NFSS)**
- Component 6 - Modern Disposal
- Component 7 -Former LOOW Underground Lines
- Component 8 -Former **AFP-68** Underground Lines
- Component 9 - Surface Water **Drainage** on the Former LOOW