

Add 401034
Modify 7/87
Reclassify _____
Delist _____

ADDITIONS/CHANGES TO REGISTRY OF
INACTIVE HAZARDOUS WASTE DISPOSAL SITES

Site Name Waterloot Arsenal DEC ID Number 401
Site Address Waterloot County Albany

Add New Site: (Potential Hazardous Waste Site Summary Form, EPA Preliminary Assessment Form and Registry Form must be completed and attached)

____ Modify data as follows:

NEW

____ Reclassify from class _____ to class _____
Justification: 2a

____ Delist:
Justification:

Prepared by: J.M. Koch Date: 4/14/87

Approved by:
Regional Hazardous Waste Engineer: Step. L. B. Hand Date: 5/21/87
Robert Olazagasti, Supervisor [Signature] Date: 7/13/87
Charles Goddard, Bureau Chief: Charles Goddard Date: _____

OK. Add
M. Chen
7/13/87

cc: Region
Department of Health

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 2a REGION: 4 SITE CODE: 401034
EPA ID: NY721382023

NAME OF SITE: Watervliet Arsenal - Siberia
STREET ADDRESS: Broadway
TOWN/CITY: Watervliet COUNTY: Albany ZIP: 12189

SITE TYPE: Open Dump- Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 20 Acres

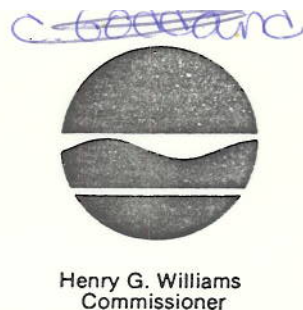
SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: Department of the Army
CURRENT OWNER ADDRESS.: Watervliet Arsenal, Watervliet, NY 12189
OWNER(S) DURING USE...: Same
OPERATOR DURING USE...: Same
OPERATOR ADDRESS.....: same
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From _____ To _____

SITE DESCRIPTION:
The "Siberia" portion of the Arsenal was a probable fill area for soil, slag, cinders, broken concrete and bricks. It is presently used for open storage and has several buildings on site.

On November 24, 1986 PCB contaminated oil was discovered ~~during excavation~~ ^(a pole-barn) in the southeastern section of "Siberia" during excavation for building footings. During a subsequent preliminary site investigation Chromium contamination was found in northeastern "Siberia". Groundwater standards for iron, lead, trichloroethylene and the guidance value for tetrachloroethylene were exceeded at the site. ~~Investigation is~~ An investigation is continuing.

HAZARDOUS WASTE DISPOSED: TYPE	Confirmed- <input checked="" type="checkbox"/>	Suspected- QUANTITY (units)
PCB's		
Chromium		

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001



Henry G. Williams
Commissioner

Bob O

*Registering site ?
CNS*

Mr. Conrad Simon
Director
Air and Waste Management Division
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, NY 10278

APR 02 1987

CONNIE
Dear Mr. Simon:

Re: Watervliet Arsenal
Watervliet, New York
EPA I.D. No. NY7213820940

RECEIVED

APR 03 1987

BUREAU OF HAZARDOUS SITE CONTROL
DIVISION OF SOLID AND
HAZARDOUS WASTE

I sent you a letter on December 23, 1986 (copy enclosed) explaining the action taken by the Watervliet Arsenal upon discovery of PCB's and chromium in a 13 acre area known as "Siberia." In this December 23, 1986 letter, I requested that EPA Region II issue a RCRA Section 3008(h) Interim Status Corrective Action Order to the Arsenal to assure that all investigations of this area will conform to the standards set forth in the RCRA Corrective Action Program.

The Arsenal has a contract with a builder to erect a pole barn in the "Siberia Area." With the onset of the 1987 construction season, they are eager to resolve this issue and either cancel the contract or start construction of the pole barn. On January 30, 1987, the Arsenal sent a telegram (copy enclosed) to EPA Region II expressing their frustration in not being able to meet with EPA regarding their planned investigations/actions to address groundwater contamination in the "Siberia Area."

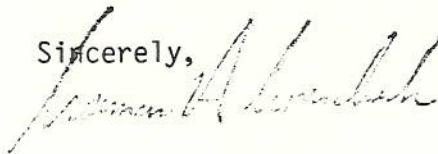
More than three months have elapsed since we requested the issuance of a RCRA Section 3008(h) Corrective Action Order for the investigation of this site. EPA has not replied to our December 23, 1986 letter, nor to the Arsenal's January 30, 1987 telegram.

If we do not receive a response from EPA Region II giving direction on the preferred course of action for investigation of the "Siberia" area by April 10, 1987, we will have no choice but to provide the guidance to the Arsenal in order to ensure that an appropriate environmental cleanup commences as soon as possible, at the site. The Arsenal is willing to conduct a Facility Investigation and only needs guidance to assure that it is performed properly.

Please advise what EPA Region II's intentions are in this matter.
We would like to hear from you by April 10, 1987.

Should there be any questions concerning this matter, please contact
Mr. Paul R. Counterman, P.E., Chief, Bureau of Hazardous Waste Technology
at (518) 457-9236.

Sincerely,



Norman H. Nosenchuck, P.E.
Director
Division of Solid and Hazardous Waste

Enclosures

cc: w/enc. - R. Walka
G. Meyer
P. Counterman

bcc: w/o enc. - N. Nosenchuck (2)
M. O'Toole
D. Engel
D. King

J. Slack
C. Goddard
S. Kaminski
T. Cullen, Region 4
E. Rich, Region 4

J. Eckl

DEC 23 1986

Mr. Conrad Simon
Director
Air and Waste Management Division
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, NY 10278

Dear Mr. Simon:

Re: Watervliet Arsenal
Watervliet, New York
EPA I.D. No. NY7213820940
Remedial Investigation

On November 25, 1986 the Arsenal, while excavating for a pole barn in the western portion of the site known as the "Siberia Area", uncovered groundwater contaminated with oil. The facility took samples for analysis and the results showed the groundwater to be contaminated with PCB's and hexavalent chromium in the range of 100 mg/l and 10 mg/l respectively. At that point, the Arsenal's excavation activities ceased and a consultant was retained to expedite what could be considered a site investigation. Under the direction of the consultant, test pits were dug on December 6 and 7, standpipes installed, and additional groundwater samples taken for analysis.

Although the Arsenal did alert the press and the Department to the contamination, and maintains an open line of communication, this Division is concerned that no formal work plan was put forth describing present or future investigatory activities, and that investigations are proceeding without formal regulatory supervision or direction. In addition, we are concerned that the Arsenal might balk at some future step in the remediation process, particularly the installation of remedies. Therefore, this Division recommends that EPA Region II issue a 3008(h) Interim Status Corrective Action Order to the Arsenal as soon as possible for assurance that all investigations will conform to the standards set forth in the RCRA Corrective Action Program established under HSWA, and that the order include a Remedial Investigation work plan which establishes a program to determine the full rate and extent of contamination.

Our recommendation for issuance of a Interim Status Order is predicated upon our opinion that the "Siberia Area" qualifies as a Solid Waste Management Unit (SWMU) having continuing releases of hazardous constituents, polychlorinated biphenyls and hexavalent chromium, through the groundwater pathway. That opinion and recommendation were developed from the following facts:

1. The Arsenal has Interim Status to operate a container storage area. However, they could readily convert that area to an exempt 90-day storage operation.
2. The Arsenal is closing surface impoundments under Interim Status.
3. It is possible that the Arsenal will clean close the surface impoundments and thus not require a Post-Closure Permit. This would preclude the pursuit of RCRA Corrective Action through the permit process.
4. Arsenal personnel in conversations with Department staff did reveal that the area under excavation was probably used as a dump site years ago.

This Division's Bureau of Hazardous Waste Technology is currently working on a Preliminary Review (PR) pertinent to the entire facility site with a completion date set for the end of December 1986. To date, the tentative findings of the PR suggests that only the "Siberia Area" warrants a Remedial Investigation. However, several SWMU's have been identified that will warrant sampling visits. Our request is being made in advance of the PR submittal in order to expedite the issuance of the order.

Should there be any questions concerning this request, please contact Mr. Paul R. Counterman, P.E., Chief, Bureau of Hazardous Waste Technology at (518) 457-9236.

Sincerely,



Norman H. Nosenchuck, P.E.
Director
Division of Solid and Hazardous Waste

cc: A. Bellina
P. Counterman

western union

IPM0INY
1-011876A030 01/30/87
ICS IPMRYNF RNO
ZCZC 04071 RENO NV 01-30 1101A PST RYNE
ICS IPM0INY
BT

BUREAU OF
HAZARDOUS WASTE TECHNOLOGY
DIVISION OF SOLID AND
HAZARDOUS WASTE

FEB 02 1987

RECEIVED

4-010484A030 01/30/87
ICS DODCRSA ABN
02597 DOD CRC ALBANY GA 301808Z JAN 87/030
PMS

N Y STATE DEPT OF ENVIRONMENTAL CONSERVATION, DLR
HAZARDOUS WASTE TECH, 50 WOLF RD ATTN MR P COUNTERMAN
ALBANY NY 12233

1 P RUEDMLA0201 0301732 DA-BHCSVD
P 301715Z JAN 87

FM CDRWA WATERVLIET NY //SMCWV-EHE//
TO RUCLRFA/UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION II
26 FEDERAL PLAZA NY NY 10278 //HAZARDOUS WASTE FACILITIES BRANCH
ROOM 905, MRS. A. BELLINA//

INFO RUCLRFA/US ENVIRONMENTAL PROT AGCY REGION II 26 FEDERAL PLAZA
NY NY 10278 //COMPLIANCE SECTION ROOM 905, MR. S. SIEGEL//
RUCLRFA/NYS DEPT OF ENVIRONMENTAL CONSERVATION 50 WOLF ROAD ALBANY
NY 12233 //HAZARDOUS WASTE TECHNOLOGY, MR. P. COUNTERMAN//
RUCLRFA/NYS DEPT OF ENVIRONMENTAL CONSERVATION REGION IV 2176 GUIL-
DERLAND AVE SCHENECTADY NY 12306 //MR. ELDRED RICH//

RULNAPG/CDRPG MD //AMXTH-IR, CONRAD SWAN/HSHB-ES-L, DAVID BAYHA//
RUKLDAR/CDRAMC ALEX VA //AMCEN-A//

RUCIAFA/CDRAMCCOM ROCK IS IL //AMSMC-ISE, BILL COOGAN//
RUCLRFA/ALBANY COUNTY HEALTH SOUTH FERRY AND GREEN STREETS ALBANY
NY 12202 //CAROL PARADISE//

RUCLRFA/ENVIRONMENTAL SCIENCE AND ENGINEERING INC PO BOX ESE GAINES
VILLE FL 32602 //JOHN BONDS//

ACCT DA-BHCSVD
PAGE 2 RUEDMLA0201 UNCLAS
UNCLAS

SUBJ: GROUNDWATER CONTAMINATION

1. WE HAVE TRIED UNSUCCESSFULLY SINCE 8 JANUARY 1987 TO ARRANGE A
MEETING WITH EPA REGARDING OUR PLANNED INVESTIGATIONS/ACTIONS TO
ADDRESS GROUNDWATER CONTAMINATION DETECTED IN THE VICINITY OF OUR
BUILDING 145. WE NEED TO FULLY ASSESS THE MAGNITUDE OF ANY CONTAMI-
NATION IN THE POLE BARN CONSTRUCTION AREA (SITE OF ORIGINAL OIL/PCB
DETECTION) IN THE NEAR FUTURE TO ALLOW THE DECISION REGARDING POLE
BARN CONSTRUCTION TO OCCUR IN FY87. WE INTEND TO CONTRACT FOR SER-
VICES TO PERFORM THE SCOPE OF WORK ADDRESSING THE INVESTIGATION OF
THE POLE BARN AREA AS FORWAED TO YOU IN OUR LETTER OF 5 JANUARY
1987.

2. WE WOULD LIKE TO MEET WITH YOU AND OTHER INTERESTED PARTIES IN
THE NEAR FUTURE TO MORE FULLY DISCUSS CONTAMINATION ISSUES IN THE
GENERAL AREA. REQUEST TELEPHONIC RESPONSE WITH OUR POINTS OF CONTACT
AS SOON AS POSSIBLE TO ARRANGE THIS MEETING.

3. POINTS OF CONTACT ARE MR. JAMES SHERMAN OR MR. JOHN SADAK AT (518)
266-4225/5933/5008, FTS 568/4225/5933/50 OR AUTOVON 974-4225/5933/
5008.

1311 EST

NNNN
1409 EST

IPM0INY

western union

western union

western union

union



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

IDENTIFICATION
EPCRA/PCDTA NUMBER
NY20

II. SITE NAME AND LOCATION
 II.1 SITE NAME (SEE INSTRUCTIONS) Water Street Arsenal (Storage) II.2 STREET, ROUTE NO. OR HIGHWAY LOCATION OR OTHER Broadway

II.3 CITY Water Street II.4 STATE NY II.5 ZIP CODE 12189 II.6 COUNTY Albany II.7 COUNTY FIPS CODE II.8 ZIP+4 CODE

II.9 COORDINATE LATITUDE II.10 LONGITUDE

II.11 OPERATOR'S NAME Department of the Army II.12 OPERATOR'S ADDRESS Water Street Arsenal

II.13 OPERATOR'S CITY Water Street II.14 OPERATOR'S STATE NY II.15 OPERATOR'S ZIP CODE 12189 II.16 OPERATOR'S TELEPHONE NUMBER (518) 266-5111



Preliminary Assessment

III. TYPE OF OPERATOR
 III.1 PRIVATE III.2 FEDERAL Dept of the Army III.3 STATE III.4 COUNTY III.5 MUNICIPAL

III.6 OTHER III.7 UNKNOWN

IV. CHARACTERIZATION OF POTENTIAL HAZARD
 IV.1 IDENTIFICATION
 IV.1.1 EYES 03/11/87 IV.1.2 DATE OF TEST 03/11/87
 IV.1.3 TYPE Visual IV.1.4 CONTRACTOR NAME None

IV.1.5 EPA IV.1.6 EPA CONTRACTOR IV.1.7 STATE IV.1.8 OTHER CONTRACTOR

IV.1.9 LOCAL HEALTH OFFICIAL IV.1.10 OTHER

IV.2 STATUS ACTIVE INACTIVE UNKNOWN

IV.3 YEARS OF OPERATION UNKNOWN

IV.4 DESCRIPTION OF HAZARDOUS WASTE (PRESENT AND/OR ALLEGED)
Documented PCd of Chromium contamination, also known as Chromium VI, in the form of a solid waste, in the form of a solid waste, in the form of a solid waste. The site is an old Arsenal building.

IV.5 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND POPULATION
This site was previously used as fill area for concrete, bricks, etc. with appropriate measures of hazardous waste not disposed. Heavy rain is documented groundwater contamination. A site investigation is now ongoing.

V. PRIORITY ASSESSMENT
 V.1 PRIORITY FOR INVESTIGATION HIGH MEDIUM LOW NONE

VI. INFORMATION AVAILABLE FROM
 VI.1 PERSON Thomas Collins VI.2 ORGANIZATION NY State Dept - Env. Waste VI.3 TELEPHONE NUMBER (518) 382-0420

VI.4 PERSON RESPONSIBLE FOR THIS ASSESSMENT VI.5 ORGANIZATION VI.6 TELEPHONE NUMBER



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
XXXX

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 J DAMAGE TO FLORA 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

01 K DAMAGE TO FAUNA 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION *(include name(s) of species)*

01 L CONTAMINATION OF FOOD CHAIN 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

01 M UNSTABLE CONTAINMENT OF WASTES 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 N DAMAGE TO OFFSITE PROPERTY 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

01 O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

01 P ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis reports)*

FILE COPY

401034

ENVIRONMENTAL DEFENSE FUND

1525 18th Street, NW
Washington, DC 20036
(202) 387-3500

May 22, 1985

Mr. Norman Nosenchuck
Division of Solid and Hazardous Waste
Department of Environmental Conservation
50 Wolf Rd.
Albany, NY 12233

*CMB-
pls prepare
response for
NHN plg -
coordinate response
w/ H. Greeley*

Copy H. Greeley

Dear Mr. Nosenchuck,

Pursuant the Freedom of Information Act, 5 U.S.C. Sec. 552 et seq., Section 226 of the Hazardous and Solid Waste Amendments of 1984, and applicable New York law and regulations, the Environmental Defense Fund hereby requests all inspection reports and other records describing, evaluating, or otherwise discussing the groundwater monitoring system installed at the Watervliet Arsenal in Watervliet, New York.

If any portion of this request is not granted, please specify to which records the denial pertains and the reasons for said denial.

We request a waiver of any fees connected with this request, since this request is made in the public interest, and furnishing this information "can be considered as primarily benefiting the general public," 5 U.S.C. Sec. 552(a)(4)(A). The Environmental Defense Fund is a national, nonprofit organization under 26 U.S.C. 501(c)(3), with over 50,000 members, devoted to protecting the environment from degradation harmful to the national resource base and to public health. Should you deny the waiver of fees, and if the materials requested would require a fee greater than \$25.00, please notify us as soon as possible.

If you have any questions regarding this request, please telephone me at (202) 387-3500.

National Headquarters
444 Park Avenue South
New York, NY 10016
(212) 686-4191

1405 Arapahoe Avenue
Boulder, CO 80302
(303) 440-4901

2606 Dwight Way
Berkeley, CA 94704
(415) 548-8906

11 South 12th Street
Richmond, VA 23219
(804) 780-1297

Sincerely,

David Lennett
David Lennett
Of Counsel

RECEIVED
JUN 14 1985

BUREAU OF HAZARDOUS WASTE CONTROL
DIVISION OF SOLID AND HAZARDOUS WASTE
HEALTH, SAFETY AND ENVIRONMENT

RECEIVED

JUN 10 1985

*D.O.F Sites
Watervliet Arsenal*

DIRECTOR'S OFFICE
DIVISION OF SOLID AND
HAZARDOUS WASTE

RAO

FILE COPY

RECEIVED

JUN 25 1985

JUN 24 1985

Mr. David Lennett
Office Counsel
Environmental Defense Fund
1525 18th Street, NW
Washington, D.C. 20036

BUREAU OF HAZARDOUS SITE CONTROL
DIVISION OF SOLID AND
HAZARDOUS WASTE

Dear Mr. Lennett:

Re: Freedom of Information Request Watervliet Arsenal,
Watervliet, New York

In response to your letter dated May 22, 1985, requesting reports and records regarding the groundwater monitoring system installed at the Watervliet Arsenal, the following information is enclosed:

- Federal Register/Vol. 50, No. 94/Wednesday, May 15, 1985/Proposed Rules/pp. 20239-46
- June 3, 1985: Nosenchuck to Docket Clerk, with enclosures
- 20 May 1985: Ryder to NYSDEC, with enclosure

This information summarizes activities relative to the groundwater monitoring system at Watervliet Arsenal. Additional records and reports in the Bureau of Hazardous Waste Technology files enhance those enclosed herein. If you wish to examine these files, you may do so during regular business hours. The usual photocopying fee of \$0.25 per page has been waived for this request.

If you have any further questions regarding this matter, please contact Mr. Robert McNamee, of my staff, at (518) 457-9255.

Sincerely,



Norman H. Nosenchuck, P.E.
Director
Division of Solid and Hazardous Waste

Enclosures

cc w/o - R. McNamee

bcc w/o enc. - N. Nosenchuck (2)
M. O'Toole
P. Counterman
C. Goddard
G. Greeley

RJM/dma