



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

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"Delisting"

NOV 22 2006

Glenn R. Cooke, Executive Director
Seneca County Industrial Development Agency
One DiPronio Drive
Waterloo, NY 13165-1681

**Re: Proposal for Partial Deletion from the National Priorities List of Certain
Parcels within the Seneca Army Depot National Priorities List Superfund
Site, Romulus, New York**

Dear Mr. Cooke:

The United States Environmental Protection Agency, Region II ("EPA") is in receipt of your letter dated November 1, 2006, in which you transmit a draft Notice of Intent for Partial Deletion at the Seneca Army Depot National Priorities List ("NPL") Site ("Site") in Romulus, New York. EPA considers your letter and transmittal to be a request to delete certain portions of the Site from the NPL, and as such EPA has begun reviewing this request.

Please note, however, that one of the three parcels you request to be deleted from the Site — "Parcel 3 – Flaum Management Company Redevelopment;" ("Parcel 3") — is an area of concern at the Site known as the Planned Industrial Development ("PID")/Warehouse Area. EPA at this time will not act on your request for the deletion of Parcel 3 from the Site insofar as this PID/Warehouse Area does not meet the requirements of "site completion." As you may know, the NPL deletion process can begin once a site achieves the "site completion" milestone. Site completion occurs when no further response is required at a site (or at the portion of a site for which the deletion is requested), all cleanup goals have been achieved there, and the site (or specific portion of the site) is deemed protective of human health and the environment. Once site completion is achieved, the site (or a specific portion thereof) becomes eligible for NPL deletion.

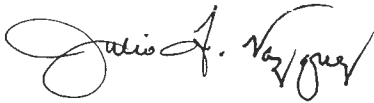
EPA has only recently reached agreement with the U.S. Department of the Army on the Institutional Controls ("ICs") Remedial Design ("RD") for the PID/Warehouse Area. Implementation of the ICs RD will constitute the remedial response needed to protect human health and the environment at Parcel 3. Moreover, the New York State Department of Environmental Conservation ("NYSDEC") must concur on the ICs RD, but has not yet done so. Before NYSDEC concurrence is obtained, the Army must come to terms with the State on the final language of the NYSDEC Environmental Easement for this area; this Easement is an integral part of the ICs RD.

Therefore, the ICs RD for the PID/Warehouse Area needs to be implemented fully before Parcel 3 can be considered for NPL deletion.

As for the proposed NPL de-listing of "Parcel 1 – Empire Biofuels Redevelopment and Parcel" and "Parcel 2 – Seneca County Public Safety Building and Jail," your request concerning these parcels will be acted on according to EPA's established procedures for partial deletions at NPL sites.

If you or your staff may have any questions regarding this letter, please contact me at (212) 637-4323.

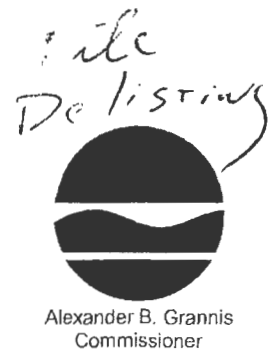
Sincerely,

A handwritten signature in black ink, appearing to read "Julio F. Vazquez". The signature is fluid and cursive, with the first name "Julio" being the most prominent.

Julio F. Vazquez
Remedial Project Manager
Seneca Army Depot Superfund Site

cc: K. Gupta, NYSDEC
S. Absolom, Seneca BEC

New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 • FAX: (518) 402-9020
Website: www.dec.state.ny.us



APR 10 2007

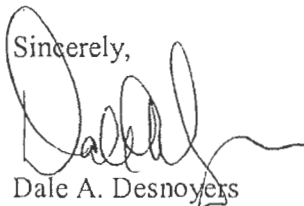
Mr. George Pavlou
Director
Emergency & Remedial Response Division
United States Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007-1866

Re: Seneca Army Depot Superfund Site
Site # 8-50-006
Town of Romulus, Seneca County
Concurrence with Partial Deletion from the National
Priorities List

Dear Mr. Pavlou:

The New York State Department of Environmental Conservation in consultation with the New York State Department of Health has reviewed John Malleck's January 16, 2007 letter and the accompanying Draft Notice of Intent for Partial Deletion for the Seneca Army Depot Superfund Site in Romulus, Seneca County and New York State finds the proposal acceptable. We, therefore, concur with the planned deletion of Parcel 1 and Parcel 2 of the site from the National Priorities List (NPL). It is our understanding that Parcel 3 will not be a part of the Notice of Intent for Partial Deletion. The enclosed minor changes in the document should be made prior to publishing the notice.

If you have any questions, please contact Dr. Chittibabu Vasudevan at (518) 402-9625.

Sincerely,


Dale A. Desnoyers
Director
Division of Environmental Remediation

encl.

cc: J. Malleck, USEPA
J. Vazquez, USEPA
M. VanValkenburg, NYSDOH
C. Vasudevan

ec: D. Desnoyers
S. Ervolina
J. Swartwout
K. Gupta
K. Lewandowski
W. Bayer

State of New York
Minor Comments on Seneca Army Depot Superfund Site, Site No. 850006
Notice of Intent to Delete

Page 7, Current Status paragraph: When discussing the EPA and State approval of the May 2002 Mini Risk Assessment, I'm requesting "ecological" be removed in the sentence "...SEAD-58 posed no significant "ecological" risk to human health or the environment. The placing of the word here is awkward.

Page 8, SEAD-50 and SEAD-54, Tank Farm Area: In the last sentence of the 2nd paragraph, please include the following information at the end of the sentence - The "Final Completion Report" for SEAD-50/54, which documented findings of the removal action and confirmatory sampling results, presented data supporting a determination that SEADs-50/54 no longer poses a threat to "human health and the environment for the future proposed use of the site."



STATE OF NEW YORK DEPARTMENT OF HEALTH

Flanigan Square, 547 River Street, Troy, New York 12180-2216

Richard F. Daines, M.D.
Commissioner

April 6, 2007

Mr. Dale Desnoyers, Director
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7011

Re: Notice of Intent for Partial Deletion of
Selected Land Tracts
Seneca Army Depot
Site #850006
Romulus (T), Seneca County

Dear Mr. Desnoyers:

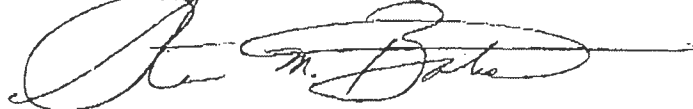
Staff reviewed the October 2006 Notice of Intent For Partial Deletion (NOIPD) of Selected Land Tracts at the Seneca Army Depot Superfund Site, located in Romulus, Seneca County. The partial deletion from the National Priorities List pertains to Parcel 1 (SEAD-58), the Debris Area near Booster Station, which is comprised of approximately 368.6 acres, and Parcel 2 (SEAD-50 and SEAD-54), the Tank Farm area, which encompasses 25.2 acres. The request for partial deletion has been issued in order to facilitate property reuse by Seneca County, including Empire Biofuels Redevelopment (Parcel 1/SEAD-58) and the Seneca County Public Safety Building and Jail (Parcel 2/SEADs-50 and -54). Although another operable unit (SEAD-24, the Abandoned Powder Burning Pit) is wholly encompassed by Parcel 1, this operable unit is not proposed for deletion at this time.

Environmental investigations have been adequately completed at the selected land tracts. Based on these investigations, a "No Action" Record of Decision (ROD) for SEAD-58 was signed in September 2006. In addition, a "No Further Action" ROD for SEAD-50 and SEAD-54 was signed in September 2006, which included institutional controls in the form of land and groundwater use restrictions. The recorded deed contains these institutional controls as required by the ROD.

Based on this information, I concur with the deletion of Parcel 1 and Parcel 2 of the Seneca Army Depot Superfund Site from the National Priorities List.

If you have any questions, please contact Mark VanValkenburg at (518) 402-7860.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven M. Bates", written over a horizontal line.

Steven M. Bates, Assistant Director
Bureau of Environmental Exposure Investigation

cc: G.A. Carlson, Ph.D., A.J. Grey, Ph.D.
Ms. A. Salame-Alfie, Ph.D.
Mr. G. Litwin / file
Mr. M. VanValkenburg / Mr. M. Sergott
Mr. R. VanHouten, RFO
Ms. V. Swinehart, SCHD
Mr. E. Belmore, NYSDEC, Central
Mr. C. Vasudevan, NYSDEC, Central
Mr. B. Putzig, NYSDEC, Region 8
Mr. G. Ulirsch, ATSDR
Mr. A. Block, ATSDR



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

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JAN 16 2007

Chittibabu Vasudevan, Ph.D.,P.E.("Vasu")
Director, Remedial Bureau A
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, NY 12233-7015

Re: *Draft Notice of Intent for Partial Deletion (NOIPD)*
Seneca Army Depot Activity, Romulus, New York

Dear Vasu:

This is to request concurrence from the State of New York on the enclosed NOIPD for the Seneca Army Depot Superfund Site.

This partial deletion from the National Priorities List (NPL) is for two real estate parcels: Parcel 1 - Empire Biofuels Redevelopment; and Parcel 2 - Seneca County Public Safety Building and Jail.

Parcel 1 - Empire Biofuels Redevelopment has two Areas of Concern (AOCs) related to it, SEAD-58, the Debris Area near Booster Station, proposed to be de-listed. And SEAD-24, the Abandoned Powder Burning Pit, not proposed to be de-listed under this NOIPD. SEAD-58 was determined to require no action under a Record of Decision (ROD) signed on September 28, 2006.

Parcel 2 - Seneca County Public Safety Building and Jail has also two Areas of Concern (AOCs) related to it, SEAD-50 and SEAD-54, the Tank Farm Area, proposed to be de-listed under this NOIPD. These AOCs underwent removal operations and in September 28, 2005, a ROD was signed for no further action on them.

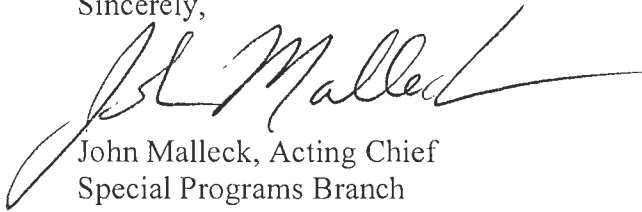
On November 1, 2006, the Seneca County Industrial Development Agency (SCIDA) submitted a package including a draft for this NOIPD. Mr. Kuldeep Gupta of your staff was included to receive a hard copy and a disk with the pertinent information for this partial deletion. This original SCIDA package asked for the deletion of three real estate parcels. However, on November 22, 2006, EPA informed SCIDA that one of the parcels, Parcel 3 – Flaum Management Company Redevelopment, could not be processed for deletion under this NOIPD.

Therefore, we request that you issue your concurrence of the NOIPD for Parcel 1 and Parcel 2 only.

If you or your staff may have any questions, please contact Mr. Julio F Vazquez of my staff at (212) 637-4323.

Enclosure

Sincerely,

A handwritten signature in black ink, appearing to read "John Malleck". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John Malleck, Acting Chief
Special Programs Branch

cc: P. Jones, SCIDA
K. Gupta, NYSDEC
M. Sergott, NYSDOH
S. Absolom, SEDA

November 1, 2006

Mr. Julio Vazquez
U. S. Environmental Protection Agency
Emergency & Remedial Response Division
290 Broadway
18th Floor, E3
New York, New York 10007-1866

BY: Fed Ex / Overnight

**RE: Notice of Intent for Partial Deletion
Seneca Army Depot, Romulus, New York**

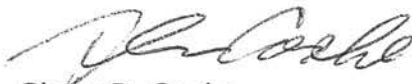
Dear Mr. Vazquez:

Enclosed is the Seneca County Industrial Development Agency's submission for the Notice of Intent for Partial Deletion from the Superfund Site listing for property at the former Seneca Army Depot. We have provided four (4) hard copies and one electronic copy with GIS data on CD.

If you have any questions, please feel free to contact Patricia Jones, our Project Coordinator for Reuse by email at pjones@co.seneca.ny.us or by telephone at 315-539-1727.

Your assistance in this effort is truly appreciated.

Sincerely,



Glenn R. Cooke
Executive Director

- xc: Mr. Kuldeep K. Gupta, NYS Department of Environmental Conservation,
Division of Environmental Remediation, 625 Broadway, 11th Floor,
Albany, New York 12233-7015 w/ enclosures (1 hard copy & 1 CD)
✓ Mr. Stephen Absolom, Commander's Representative, Seneca Army Depot
Activity, P. O. Box 9, Romulus, New York 14541 w/enclosures (1 hard
copy and 1 CD)

**NOTICE OF INTENT FOR PARTIAL DELETION
OF SELECTED LAND TRACTS LOCATED ON THE
SENECA ARMY DEPOT ACTIVITY SUPERFUND SITE
FROM THE NATIONAL PRIORITIES LIST**

**SENECA COUNTY
EMPIRE BIOFUELS, INC.
FLAUM MANAGEMENT COMPANY, INC.**

**PREPARED BY
MALCOLM PIRNIE, INC.
40 CENTRE DRIVE
ORCHARD PARK, NY 14127**



OCTOBER 2006

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Notice of Intent Document

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Deletion Plan

Appendix G - Partial Site Deletion Data Collection Form

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 300

National Oil and Hazardous Substances Pollution Contingency Plan; National Priorities List

AGENCY: Environmental Protection Agency

ACTION: Notice of intent for partial deletion of selected land tracts located on the Seneca Army Depot Activity Superfund Site from the National Priorities List

SUMMARY: The United States Environmental Protection Agency (EPA) Region 2 Office is issuing its intent to delete certain real estate parcels in the former Federal Facility, now designated as the former Seneca Army Depot Activity (SEDA) Superfund Site (Site) located in Romulus, New York, from the National Priorities List (NPL) and requests public comment on this action. The NPL constitutes Appendix B to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 CFR Part 300, which EPA promulgated pursuant to Section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended. This partial deletion of the specified real estate parcels from the Site is proposed in accordance with 40 CFR 300.425(e) and the Notice of Policy Change: Partial Deletion of Sites Listed on the National Priorities List (60 Federal Register 55466 - Nov. 1, 1995).

The Superfund Site, which encompasses approximately 10,630 acres, is located on property either owned by the United States Department of Army, the Seneca County Industrial Development Agency (SCIDA), New York State Department of Corrections, US Department of Homeland Security, Seneca County, or private entities. As part of the Base Realignment and Closure Act (BRAC), the Federal government has entered into agreements with the SCIDA (the Local Redevelopment Authority) to transfer selected properties for public and private reuse.

Seneca County, Empire Biofuels, Inc., and Flaum Management Company, Inc. requested this partial deletion in order to facilitate property reuse. Investigations completed under the auspices of the EPA and the State of New York, through the New York State Department of Environmental Conservation (NYSDEC), have determined that all appropriate response actions pursuant to CERCLA have been implemented as described in approved Final Decision Documents, Closure Reports, Records of Decision (RODs), and/or Findings of Suitability to Transfer (FOST) for the applicable parcels as identified in this Notice of Intent of Partial Deletion (NOIPD). Summary reports submitted to the EPA and NYSDEC have determined that the soil, soil vapor, and groundwater media for the areas investigated within the specified parcels pose no significant threat to public health or the environment. This notice is only for those parcels specified herein and does not include any other properties at the Site.

DATES: EPA will accept comments concerning its proposal for partial deletion for thirty (30) days after publication of this document in the Federal Register and a newspaper of record. (INSERT DATE 30 DAYS FROM PUBLICATION IN THE FEDERAL REGISTER.)

ADDRESSES: Written comments should be mailed to Mr. Julio F Vazquez, Remedial Project Manager, U.S. EPA, Region 2, Emergency and Remedial Response Division, 290 Broadway, 18th Floor, New York, NY, 10007-1866.

INFORMATION REPOSITORIES: Comprehensive information regarding the SEDA Site is available for viewing and copying at the Site Information Repository located at:

U.S. EPA Region 2 Records Center
290 Broadway - 18th Floor
New York, NY 10007-1866
Hours: 9:00 am to 5:00 pm - Monday through Friday.

To contact the Superfund Record Center please call: (212) 637-4308

Information on the Seneca Army Depot Activity Site is also available for viewing at the following repository:

Seneca Army Depot Activity
5786 State Route 96
Building 123
Romulus, NY 14541
(607) 869-1309

Please call to determine hours of operation and whether an appointment is needed.

FOR FURTHER INFORMATION CONTACT:

Mr. Julio F Vazquez, Remedial Project Manager, USEPA Region II: Telephone (212) 637-4323, (or) FAX: (212) 637-3256, (or) E-mail: vazquez.julio@epa.gov

SUPPLEMENTARY INFORMATION:

Table of Contents:

- I. Introduction
- II. NPL Partial Deletion Criteria
- III. Deletion Procedures
- IV. Basis for Intended Site Deletion

I. Introduction

The EPA, Region 2, announces its intent to delete certain real estate parcels at the SEDA Superfund Site, located in Romulus, NY, from the NPL and requests comments on this action. The NPL constitutes Appendix B of the NCP, 40 CFR Part 300, and EPA maintains the NPL or the list of these sites that appear to present a significant risk to public health or the environment. This proposed partial deletion pertains to certain real estate parcels. These parcels have been evaluated by EPA and NYSDEC, and it has been determined that all appropriate clean up actions under CERCLA have been completed and no further response action is appropriate under CERCLA. Additionally, EPA and NYSDEC have determined that response actions conducted at these parcels protect public health and the environment.

The following parcels, either wholly or in part, are proposed for deletion.

| <u>Parcels</u> | <u>Acres Deleted</u> |
|----------------------------------------------------------|----------------------|
| Parcel 1 – Empire Biofuels Redevelopment | 368.6 acres |
| Parcel 2 – Seneca County Public Safety Building and Jail | 25.2 |
| Parcel 3 – Flaum Management Company Redevelopment | 847 acres |

Note that there are several subparcels located within the boundaries of the parcels identified above which are not proposed for deletion at this time. Boundaries of the parcels proposed for deletion, including the boundaries of the subparcels excluded from this NOIPD, can be reviewed at the Site's information repositories. Boundary information has been detailed in the Partial Site Deletion Data Collection Form, which was submitted concurrent with this NOIPD.

The SEDA Superfund Site was investigated by means of Areas of Concern which were later designated as Solid Waste Management Units (SWMUs) or SEADs. The SEADs were identified based upon historic information and field investigations. Over 100 SEADs have been identified at the Site. One or more SEADs are located within each of the parcels proposed for deletion. In order to be deleted from the NPL, properties must be outside of any SEAD or must have all CERCLA actions implemented. CERCLA actions can include access controls, engineered controls and institutional controls. Properties can be deleted if the only remaining activities are operation, maintenance and monitoring.

While reviewing the properties for deletion, EPA has based its recommendation for partial deletion upon Final Decision Documents, Closure Reports, Records of Decision (RODs), and/or Findings of Suitability to Transfer (FOST), as well as Five-Year Reviews. In areas where final decision documents were issued and the remedy and institutional controls have been fully implemented, EPA evaluated the area for consideration in this NOIPD.

As part of the NPL partial deletion process, EPA will accept public comments concerning this notice of intention to partially delete portions of the former SEDA for a period of thirty (30) days after publication of this notice in the Federal Register and a newspaper of record.

Section II further explains the criteria for partially deleting sites from the NPL. Section III discusses procedures that EPA is using for this action, and Section IV discusses the proposed parcels within the SEDA Site and demonstrates how each meets the partial deletion criteria.

II. NPL Partial Site Deletion Criteria

The NCP establishes the criteria that EPA uses to delete sites from the NPL. In accordance with 40 CFR Section 300.425 (e), sites may be deleted from the NPL where no further response is appropriate. In making this determination, EPA, in consultation with the State of New York, must establish whether any of the following criteria have been met:

- o Section 300.425 (e)(1)(i). Responsible parties or other persons have implemented all

appropriate response actions required; or

- Section 300.425 (e)(1)(ii). All appropriate Fund-financed responses under CERCLA have been implemented and no further cleanup by responsible parties is appropriate; or
- Section 300.425 (e)(1)(iii). The remedial investigation has shown that the release of hazardous substances poses no significant threat to public health or the environment and, therefore, taking of remedial measures is not appropriate.

This proposed deletion is based on the SEDA having implemented all appropriate response actions, site studies or remedial investigations that resulted in a regulatory determination that selected properties do not pose a significant threat to public health or the environment.

III. Deletion Procedures

Deletion of a site from the NPL does not, of itself, create, alter, or revoke any individual's rights or obligations. The NPL is designed primarily for informational purposes and to assist EPA management.

The following procedures were used for the intended deletion of the specified properties at the SEDA Site:

- (1) The site was listed on the NPL on July 15, 1987.
- (2) Historic records, information and field investigations done by the SEDA have identified a number of AOCs/SEADs under the Superfund program.
- (3) The SEDA has determined that some AOCs/SEADs do not require remedial measures under CERCLA and do not pose a significant threat to public health or the environment. These determinations were made in Final Decision Documents, RODs, and/or FOSTs.
- (4) Other AOCs/SEADs have been remediated by restricting access via institutional or engineered controls. These controls are identified in RODs, and/or FOSTs. Subsequent to implementing all approved remedial controls in SEADs containing hazardous wastes, the AOCs are subject to Five-Year reviews under Section 106 of CERCLA.
- (5) To facilitate transfer of property to the public and development of certain real-estate parcels on the former SEDA facility, Empire Biofuels, Seneca County and Flaum Management Company proposes deletion of certain real estate parcels.
- (6) The SEDA has requested the deletion of these parcels from EPA and NYSDEC.
- (7) EPA has recommended the partial deletion and has prepared the relevant documents.

(8) NYSDEC has concurred with the recommendation to delete these parcels.

(9) Concurrent with this national Notice of Intent for Partial Deletion, a notice has been published in a newspaper of record and has been distributed to appropriate federal, state, and local officials, and other interested parties. These notices announce a thirty (30) day public comment period on the partial deletion package, which commences on the date of publication of this notice in the Federal Register and a newspaper of record.

(10) EPA has made all relevant documents available at the information repositories listed previously.

Upon completion of the thirty (30) day public comment period, EPA will evaluate any comments received before the issuing the final decision on the partial deletion. EPA will prepare a Responsiveness Summary if any comments are received during the public comment period and will address concerns presented in the comments. The Responsiveness Summary will be made available to the public at the information repositories listed previously. If, after review of all public comments EPA determines that the partial deletion from the NPL is appropriate, EPA will publish a final notice of deletion in the Federal Register. Deletion of the parcels does not actually occur until the final Notice of Partial Deletion is published in the Federal Register.

IV. Basis for Intended Partial Site Deletion

Background

The Seneca Army Depot Activity (SEDA) encompasses approximately 10,634 acres, with the Site considered to include all such property within the "fence-line". The mission of the former depot has varied over the years from its first use. In 1942, the base was activated as the Seneca Ordnance Depot. The mission of the Depot included the storage, maintenance, and shipment of material for the U.S. Army; the demilitarization of conventional ammunition and the training of Reserve and National Guard units. SEDA was designated for closure under the Base Realignment and Closure Act in 1995, resulting in deactivation of all military activities. The SEDA's military mission officially ended in 2000.

Over the years various hazardous and toxic substances were used and hazardous wastes were generated, stored, or disposed at SEDA. Numerous studies and investigations under the U.S. Department of Defense Installation Restoration Program (IRP) have been performed to locate, assess, and quantify the past toxic and hazardous storage, disposal and spill sites. These investigations include: records searches; interviews with base personnel; field inspections; compilation of waste inventory; evaluation of disposal practices; assessments to determine the nature and extent of site contamination; Problem Confirmation and Quantification studies; soil and groundwater analysis; a base-wide health assessment; base-specific hydrology investigations; and various site specific investigations. Based upon such studies and information, SEDA was included on the NPL on July 15, 1987, and on August 20, 1990, the SEDA entered into a Federal Facility Agreement (FFA) with EPA and NYSDEC under Section 120 of CERCLA. Under the

terms of the FFA, the SEDA was required to submit various reports to NYSDEC and EPA for review and comment. These reports addressed remedial activities required under CERCLA and included: the identification of AOC/SEADs; a scope of work for Site Inspections and Remedial Investigation(s) (RI); work plans for Inspections and Investigations, including sampling and analysis plans, quality assurance plans; baseline and mini risk assessments; a community relations plan; and Inspection (SI/ESI) and Investigation (RI) reports.

Environmental studies pertinent to this NOIPD were completed to facilitate the characterization and evaluation process required for deletion of selected parcels. Investigations/reports included:

- SWMU Classification Report - Final, September 1994;
- Expanded Site Inspection Eight moderately Low Priority Areas of Concern – SEADs 5,9,12 (A/B), (43, 56, 69), 44 (A/B), 50, 58 and 59. Draft- Final, December 1995;
- Environmental Baseline Survey Report Final, March 1997;
- Final Investigation of Environmental Baseline Survey Non-Evaluated Sites, SEAD-199A, SEAD-122 (A-E), SEAD-123 (A-F), SEAD- 46, SEAD-68, SEAD-120 (A-J) and SEAD-121 (A-I), Seneca Army Depot Activity, May 1999;
- Final Decision Document for Twenty-Two No Further Action Sites (SEADs 1, 2, 7, 10, 18, 19, 20, 21, 22, 29, 30, 31, 32, 35, 36, 37, 42, 49, 55, 60, 61 & 65), March 2002;
- Decision Document Mini Risk Assessment (SEADs 9, 27, 28, 32, 33, 34, 43, 44A, 44B, 52, 56, 62, 64A, 64B, 64C, 64D, 66, 68, 69, 72 and 120B), Final, May 2002;
- Action Memorandum and Decision Document for Time-Critical Removal Actions Four Metals Sites (SEADs 24, 50/54 & 67), Final, August 2002;
- Final Record of Decision (ROD) Twenty No Action SWMUs (SEADs 7, 9, 10, 18, 19, 20, 21, 22, 33, 35, 36, 37, 42, 47, 49, 51, 53, 55, 60, 61, 65 and 68) and Eight No Further Action SWMUs (SEADs 28, 29, 30, 31, 32, 34, 60 and 61), September 2003
- Final Completion Removal Report, Time Critical Removal Action Metal Sites, SEAD-50/54, December 2003;
- Final Record of Decision (ROD) for no Further Action SWMUs (SEAD-50/54) at Seneca Army Depot Activity, Submitted for Final Signature, May 2005
- Underground Storage Tank Closure Report, Seneca Army Depot, Building 121, November 15, 2004
- Underground Storage Tank Closure Report, Seneca Army Depot, Building 319, December 16, 2004

Based on the findings of the environmental studies documented in the reports above, the parcels proposed for deletion meet the deletion criteria. The history and current status of each SEAD within the parcels proposed for deletion are summarized below.

Parcel 1 – Empire Biofuels Redevelopment

This parcel is comprised of approximately 368.6 acres and contains one site addressed under CERCLA (SEAD-58). A second site (SEAD-24) is wholly encompassed by the Empire parcel, but is not proposed for deletion at this time. A summary of SEAD-58 is provided as follows:

SEAD-58 Debris Area near Booster Station

Characterized as a debris area, the SEAD-58 site is located in the western-central portion of the SEDA and is the northern-most SEAD in the Empire Biofuels Redevelopment parcel. The SEAD-58 site encompasses two distinct landfill areas that vary in size from 200-300 feet in diameter. The landfilled areas were used for the disposal of miscellaneous waste that was purported to include the pesticide DDT.

In 1994, an RI and supplemental Expanded Site Inspection (ESI) were initiated to fully characterize the extent of environmental impacts specific to the SEAD-58 area and determine potential threats to human health and the environment. The investigations entailed the completion of a geophysical survey, a drilling program, test pit excavations and an environmental sampling program designed to collect surface soil, surface water, sediment, subsurface soil and groundwater media. Based upon the area specific analytical results evaluated for the May 2002 Mini Risk Assessment, no further action in the form of land use restrictions was proposed by the SEDA as a remedy.

Current Status

Subsequent to regulatory review, the Final May 2002 Decision Document was modified to incorporate technical comments. The EPA, with the concurrence of the NYSDEC, approved the May document that determined that SEAD-58 posed no significant ecological risk to the human health or the environment. Approval of the “No Further Action” decision forms the basis for this NOIPD to delete SEAD-58 from the NPL.

Parcel 2 – Seneca County Jail

This 25.2 acre parcel is located along the eastern perimeter of the SEDA site in the southeast quadrant. The parcel encompasses two SEAD areas designated SEAD-50 and SEAD-54, which were remediated under CERCLA and RCRA regulations. Investigations were completed to identify potential environmental impacts at each SEAD, and were supplemented with a risk evaluation that ultimately determined no further action was required for the SEADs. Based on investigations and remedial activities enacted with EPA and NYSDEC approval and oversight, the SEADs described below are proposed for deletion from the NPL. A brief summary of the two former CERCLA sites are provided as follows:

SEAD-50 and SEAD-54 Tank Farm Area

Characterized as a former tank farm area, approximately 160 above ground storage tanks (ASTs) were once located within the triangular shaped land tract shown on Figure 1 as the SEAD-50/54 site. The preliminary investigation of the area, which was performed in 1993, was reported in the SWMU Classification Report and identified the tank area as a SWMU/AOC. The area which was subsequently identified as SEAD-50, was used for dry material storage that included stockpiles of strategic ores such as antimony, rutile and silicon carbide. One storage tank (Tank #88) contained asbestos ore material and was assigned a separate the SEAD designation (SEAD-54). All tanks were removed prior to implementing a phased program of investigation, evaluation and remediation.

In 1994, an RI and supplemental Expanded Site Inspection (ESI) were performed to fully characterize the extent of environmental impacts specific to the SEAD-50/54 area and determine potential threats to human health and the environment. The investigations entailed the completion of a geophysical survey, a drilling program, test pit excavations and an environmental sampling program designed to collect surface soil, surface water, sediment, subsurface soil and groundwater media. Analytical results identified elevated concentrations of selected metals (arsenic, lead, manganese, potassium and zinc) in tank farm soil materials that were determined to represent a potential environmental threat. A Time Critical Removal Action (TCRA) was performed during the time period of late 2002 to early 2003 to excavate, remove and dispose of impacted soil material from SEAD-50/54. The "Final Completion Report" for SEAD-50/54, which documented findings of the removal action and confirmatory sampling results, presented data supporting a determination that SEADs-50/54 no longer poses a threat to the environment.

Current Status

EPA along with the concurrence of the NYSDEC approved a ROD in September, 2005, requiring institutional controls in the form of land use restrictions for the "No Further Action" SEADs-50/54. The ROD required that certain portions of the Planned Industrial Development and Warehouse Areas that included SEADs-50/54 will be subject to controls restricting residential development and groundwater use. Accordingly, the ROD requires that a Five-Year review be performed to ensure the remedy is protective of human health and the environment. The recorded deed contains the institutional controls and land and groundwater use restrictions required by the ROD. Approval of the ROD forms the basis for this NOIPD to delete SEADs-50/54 from the NPL.

Parcel 3 – Flaum Management Company Redevelopment

This parcel is comprised of approximately 847 acres and contains thirteen sites addressed under CERCLA (i.e., SEADs 10, 22, 27, 28, 30, 31, 33, 34, 36, 37, 64A, and 68). Fourteen additional SEADs (i.e., 1, 2, 5, 16, 17, 25, 26, 39, 40, 47, 59, 71, 121C, and 121I, inclusive of two ore piles) are wholly encompassed by the Flaum parcel, but are not proposed for deletion at this time. Summaries each SEAD proposed for deletion are provided as follows:

SEAD-10 Wood Stockpile Area

The SEAD-10 area is located along the northernmost perimeter of the proposed Flaum area on the south side of East Kendaia Road near Bldg. 113. Beginning in 1986, scrap wood generated from various depot activities was stockpiled into three segregated piles in an area that in total measured approximately 250 feet long by 185 feet wide. SEDA's fire department periodically used the scrap wood for fire training exercises conducted within the SEDA site boundaries.

Samples of the wood ash generated during burning exercises were collected for TCLP chemical analyses during September 1992. Results of the chemical testing determined that Toxicity Characteristic levels defined in 40 CFR 261.24 were not exceeded. The USEPA and NYSDEC concurred with the Army's 1994 recommendation of No Action for the SEAD-10 SWMU site.

Current Status

Subsequent to regulatory review, a Final Decision Document that documented a "No Further Action" status for the SEAD-10 site was approved in March 2002. In September 2003, the EPA, with the concurrence of the NYSDEC, approved the Final Record of Decision (ROD) for the SEAD-10 site based on the analysis of sampling data that there are no instances where hazardous materials have been detected; or if hazardous chemicals have been detected in specific media, the concentrations that were detected did not exceed State or Federal regulatory criteria. Approval of the ROD forms the basis for this NOIPD to delete SEAD-10 from the NPL.

SEAD-22 Sewage Treatment Plant No. 314

SEAD-22 (Sewage Treatment Plant No. 314) is located in the east central portion of the SEDA along the western perimeter of the proposed Flaum area. Built in 1941, the flow capacity of the plant was rated at 100,000 gallons per day and treated domestic waste water generated on site until 1978. In 1978 the facility was converted to a lift station that serviced an adjacent treatment plant. Hardware components of the treatment plant were removed and elements of the former treatment plant were backfilled with soil material. No SPDES permit was required during the time of the treatment plant operations.

Site investigations were not conducted within the SEAD-22 area or its vicinity, but no evidence of a historic solid or hazardous release has been documented. The USEPA and NYSDEC concurred with the Army's 1994 recommendation of "No Action" for the SEAD-22 SWMU CERCLA site.

Current Status

Based on the Army's recommendation of "No Further Action", the EPA and NYSDEC approved the March 2002 Final Decision Document for Twenty-Two No Further Action Sites that included the SEAD-22. In September 2003, the EPA, with NYSDEC concurrence, approved the Final

Record of Decision (ROD) for the SEAD-22 site based on the subsequent evaluation of historic records and information that indicate there is no evidence or indication of petroleum product, hazardous materials or solid wastes present or released to the environment. Approval of the ROD forms the basis for this NOIPD to delete SEAD-22 from the NPL.

SEAD 27 Building 360 - Steam Cleaning Waste Tank

The SEAD 27 CERCLA site is centrally located along the eastern portion of the SEDA facility and consisted of a 4,500 gallon tank that was formerly used as a degreasing pit in Building 360 from 1978 until 1990. Investigation and characterization of SEAD-27 included the collection of soil and groundwater samples for chemical analyses. Analytical results, which were reported in the September 1994 Final SWMU Classification Report and May 2002 Final Decision Document / Mini Risk Assessment, identified VOCs, SVOCs, PCBs and selected metals in both soil and groundwater media. Only three VOC exceedences were identified above NYSDEC Class GA groundwater criteria.

Current Status

Subsequent to regulatory review, the Final May 2002 Decision Document was modified to incorporate technical comments. The EPA, with the concurrence of the NYSDEC, approved the May document that determined that a Land Use Restriction be placed on SEAD-27 to restrict the use of groundwater as a drinking water source. The recommendation is based on the intended future use of the SEAD-27 site as a Planned Industrial development site. EPA and NYSDEC approval of the recommended action constitutes the basis for this NOIPD to delete SEAD-27 from the NPL.

SEAD 28 Building 360 – Underground Waste Oil Tanks (2)

Located in the east-central portion of the SEDA site adjacent to Building 360, SEAD- 28 consisted of two fiberglass underground storage tanks each with a rated capacity of 2,005 gallons each. The tanks were used for the storage of waste oil product that was used as a blended fuel supplement in the boiler located in Building 718. Installed in 1981, the tanks remained in service until July 1993 and December 1994 when the second tank was excavated and removed. SEAD-28 was designated as an Area of Concern (AOC) and was the focus of a confirmatory sampling investigation performed to characterize potential impacts to soil within the 1994 UST excavation. Confirmatory samples were collected for SVOCs in accordance with the 1994 NYS Petroleum Bulk Storage requirements. Results of the investigation were reported in the September 1994 Final SWMU Classification Report and May 2002 Final Decision Document / Mini Risk Assessment. No SVOCs were reported in the soil sample collected from the UST excavation.

Current Status

Subsequent to regulatory review, the Final May 2002 Decision Document/Risk Assessment was

modified to incorporate technical comments. The EPA, with the concurrence of the NYSDEC, approved the May document in which the Army recommended a "No Further Action" status for this CERCLA site.

In the Final Record of Decision for Twenty No Action SWMUs and Eight No Further Action SWMUs the EPA and NYSDEC approved the September 2003 ROD document for SEAD-28 based on a remedial action that has been completed under another regulatory program, and that the subsequent evaluation of historic records and information that indicate there is no evidence or indication of petroleum product, hazardous materials or solid wastes present or released to the environment. Approval of the ROD forms the basis for this NOIPD to delete SEAD-28 from the NPL.

SEAD 30 Building 118 – Underground Waste Oil Tank

Located in the east-central portion of the SEDA site adjacent to Building 118, SEAD-30 consisted of one 550 gallon steel underground storage tank. The tank was used for the storage of waste oil generated from maintenance activities of depot vehicles. The waste oil product was used as a blended fuel supplement in boilers located in Buildings 121, 319 and 718. The UST was installed in 1941 and remained in service until 1992 when it was excavated and removed. The tank was removed in accordance with the NYS Petroleum Bulk Storage protocols and was overseen by a NYSDEC representative. At the time of removal, there was no evidence of a release within the tank excavation and therefore no confirmatory sampling was required. Results were reported in the September 1994 Final SWMU Classification Report and March 2002 Final Decision Document for Twenty-two No Further Action Sites.

Current Status

Subsequent to regulatory review, the Final March 2002 Decision Document was modified to incorporate technical comments. The EPA, with the concurrence of the NYSDEC, approved the March document in which the Army recommended a "No Further Action" status for this CERCLA site. In the Final Record of Decision for Twenty No Action SWMUs and Eight No Further Action SWMUs the EPA and NYSDEC approved the September 2003 ROD document for SEAD-30 based on a remedial action that has been completed under another regulatory program. Approval of the ROD forms the basis for this NOIPD to delete SEAD-30 from the NPL.

SEAD 31 Building 117 – Underground Waste Oil Tank

Located in the east-central portion of the SEDA site adjacent to Building 117, SEAD-31 consisted of one 2,005 gallon fiberglass underground storage tank. The tank was used for the storage of waste oil and was used as a blended fuel supplement in boilers located in Buildings 121, 319 and 718. The UST was excavated and removed as an element of base closure activity during October 1999. The tank was removed in accordance with the NYS Petroleum Bulk Storage protocols and the site closed out on July 2003. Results were reported in the September

1994 Final SWMU Classification Report and the March 2002 Final Decision Document for Twenty-two No Further Action Sites.

Current Status

Subsequent to regulatory review, the Final March 2002 Decision Document was modified to incorporate technical comments. The EPA, with the concurrence of the NYSDEC, approved the March document in which the Army recommended a "No Further Action" status for this CERCLA site. In the Final Record of Decision for Twenty No Action SWMUs and Eight No Further Action SWMUs the EPA and NYSDEC approved the September 2003 ROD document for SEAD-31 based on a remedial action that has been completed under another regulatory program. Approval of the ROD forms the basis for this NOIPD to delete SEAD-31 from the NPL.

SEAD-33 Building 121 – Underground Waste Oil Tank

SEAD-33 is located in the eastern central portion of the Depot where the future land use is designated as planned industrial development. It is comprised of a 30,000 gallon, steel, UST used to store oil at Building 121. Installed in 1943, the primary use of the tank was for storage of #6 fuel oil. Beginning in 1980-1981 SEDA began using the tanks to store a mixture of the virgin #6 fuel oil and waste oil for use as fuel for space heaters and generation. This practice of storing and using mixed virgin/waste oils was discontinued in 1989. In 1994 a sampling program was performed at SEAD-33. After determining the location of the tank using GPR, two soil borings/monitoring wells were installed, one upgradient and one downgradient of the tank. A soil sample was collected from each boring and analyzed for VOCs and TPH. At the time of sampling, no groundwater was in the monitoring wells thus no groundwater analysis could be performed. No VOCs were detected in the soil samples. TPH was detected in soil from one of the borings at a maximum concentration of 470 mg/kg at a depth of 4 to 6 feet below grade. In the other boring, TPH was present at a concentration of 78 mg/kg at a depth of 2-4 feet below grade. There is no NYS Recommended Cleanup Objective for TPH in soil and since groundwater was not encountered in the borings and the detected TPH was below a minimum of two feet of soil, it was determined that there was no exposure pathway to site users.

Current Status

Closure activities were implemented to excavate and remove the Bldg. 121 30,000 gallon UST during the time period of August to October 2004. The contents of the tank and petroleum impacted soil materials were disposed of in accordance with requirements of the NYS Bulk Petroleum Storage program. Soil samples which were collected from the excavation sidewalls were composited and submitted for VOCs and SVOC analyses. Analytical results identified six SVOCs with concentrations that exceeded the NYS TAGM 4046 cleanup criteria. A maximum concentration of 787 ug/kg was measured for the SVOC analyte, chrysene. However, based on previous site work that determined that the SVOC concentrations are considered as background for the site, no further excavation was recommended by the DEC.

The Department issued a spill number for this site (04-70306) and will review the closure process. The Army's remedy for this SWMU is "No Action" under CERCLA. Approval of the ROD "Twenty No Action SWMUs and Eight No Further Action SWMUs" (September 2003) forms the basis for this NOIPD to delete SEAD-33 from the NPL.

SEAD-34 Building 319 – Underground Waste Oil Tanks (2)

SEAD-34 is located in the eastern central portion of the Depot where the future land use is designated as industrial development. It comprises two oil USTs (Tank A and Tank B) at Building 319. Both tanks are made of steel and were in use from 1951 to 1989. Tank A has a capacity of 30,000 gallons and Tank B 20,000 gallons. Since 1956 the primary use of the tanks was for storage of #6 fuel oil. Beginning in 1980-1981 SEDA began using the tanks to store a mixture of the virgin #6 fuel oil with waste oil for use as fuel for space heaters and generation. This practice of storing and using mixed virgin/waste oils was discontinued in 1989.

A visual site inspection showed that waste oil had been spilled around the tanks' fill pipes, however, there was no visual evidence that these areas constituted more than surficial contamination. Subsequent to the visual site inspection, surficial soils were removed and disposed of in accordance with NYS UST protocols. In 1993 a sampling program was performed in SEAD-34. After determining the locations of the tanks using GPR, two soil borings/monitoring wells were installed, one upgradient and one downgradient of the two tanks. A soil sample and a groundwater sample was collected from each boring/well and analyzed for VOCs and TPH. No VOCs were detected in the soil or groundwater samples. TPH was not detected in either groundwater sample but was detected in the soil at a maximum concentration of 93 mg/kg. There is no NYS Recommended Cleanup Objective for TPH in soil or groundwater.

Current Status

Closure activities were implemented to excavate and remove the two USTs located in Bldg. 319 during the time period of August to November 2004. The contents of the tanks and petroleum impacted soil materials were disposed of in accordance with requirements of the NYS Bulk Petroleum Storage program. Requisite soil samples were collected from the excavation sidewalls and analyzed for VOC and SVOC analyses. Samples collected from southern and westernmost sidewalls identified elevated concentrations of six (6) SVOCs that exceeded the NYS TAGM 4046 cleanup criteria. A maximum concentration of 862 ug/kg was measured for the SVOC analyte, chrysene. Previous investigations have determined that the SVOC concentrations are considered as background for the site. The Department issued a spill number (04-70505) for this site on September 28, 2004 and will review the closure process. The Army's remedy for this SWMU is "No Further Action" under CERCLA. Approval of the ROD Twenty No Action SWMUs and Eight No Further Action SWMUs (September 2003) forms the basis for this NOIPD to delete SEAD-34 from the NPL.

SEAD-36 Building 121 – Waste Oil Burning Boilers

SEAD-36 is located in the east central portion of the Depot where the future land use is planned industrial development. Building 121 contains two boilers that are capable of burning waste oil and fuel oil mixtures. Between the years of 1982 and 1989 a blend of waste oil and #6 fuel oil was burned in the boilers. During their use, the boilers were regulated under a NYSDEC Division of Air Resources Emission Point Source Permit. There is no information available to indicate that waste oil was released from either of the burners during the period of their use.

Current Status

No site investigations have been conducted at SEAD-36. The boilers are no longer in use. The Army's remedy for this SWMU is "No Action" under CERCLA with NYSDEC and EPA concurrence. Approval of the ROD Twenty No Action SWMUs and Eight No Further Action SWMUs (September 2003) forms the basis for this NOIPD to delete SEAD-36 from the NPL.

SEAD-37 Building 319 – Waste Oil-Burning Boilers

SEAD-37 (Building 319) is located in the east central portion of SEDA in a portion of the Depot where the future land use is designated as planned industrial development. Building 319 contains two boilers (Boiler A and Boiler B) that are capable of burning waste oil and fuel oil mixture. Between the years of 1982 and 1989 a blend of waste oil and #6 fuel oil was burned in the boilers. During their use, the boilers were regulated under a NYSDEC Division of Air Resources Emission Point Source Permit. There is no information available to indicate that waste oil was released from either of the burners during the period of their use.

Current Status

No site investigations have been conducted at SEAD-37. The boilers are no longer in use. The Army's remedy for this SWMU is "No Action" under CERCLA with NYSDEC and EPA concurrence. Approval of the ROD Twenty No Action SWMUs and Eight No Further Action SWMUs (September 2003) forms the basis for this NOIPD to delete SEAD-37 from the NPL.

SEAD-42 Building 106 – Preventative Medicine Laboratory

SEAD-42 is located in the east central portion of the SEDA, in a portion of the Depot where future land use is designated for planned industrial development. According to a 1980 US Army Toxic and Hazardous Materials Agency (USATHAMA) site inspection report, Building 106 was built in 1975 and reportedly once housed a 12 feet by 28 feet Preventative Medicine laboratory in the northwest section of the building. According to the USATHAMA report, clinical lab work and potable water analyses were performed in the laboratory. On November 28, 1990, a site inspection and interview were performed at Building 106, the results of which were unable to confirm the accuracy of the prior information that indicated that a preventative medicine lab existed in the building. Also, building personnel stated that they were unaware of a laboratory

within the building and that the laboratory used for clinical analyses was actually located to the southeast and that the potable water analyses were conducted at Fort Drum not the Seneca Army Depot.

Current Status

Information obtained after the designation of SEAD-42 indicates that the reported justification for this SEAD is not present at this location. The Army's remedy for this SWMU is "No Action" under CERCLA with NYSDEC and EPA concurrence. Approval of the ROD Twenty No Action SWMUs and Eight No Further Action SWMUs (September 2003) forms the basis for this NOIPD to delete SEAD-42 from the NPL.

SEAD-64A Garbage Disposal Area

The SEAD-64A site is located in the extreme southwest corner of the Flaum parcel. Beginning in February 1994, an Expanded Site Inspection (ESI) was initiated to fully characterize the extent of environmental impacts specific to SEAD-64A and determine the potential threat to human health and the environment. The investigation entailed the completion of a geophysical survey, a drilling program, test pit excavations and an environmental sampling program designed to collect subsurface soil and groundwater samples. Analytical results for the samples collected during the ESI were incorporated into a Mini-Risk assessment that evaluated exposure routes, receptor populations and potential environmental impacts in SEAD-64A. Based upon the area specific analytical results evaluated for the May 2002 Risk Assessment, no further action in the form of land use restrictions was proposed by the SEDA as a remedy.

Current Status

Subsequent to incorporation of regulatory comments, the EPA, concurrence from the NYSDEC, approved the Final May 2002 Mini-Risk Assessment Decision Document. The assessment determined that the cancer risk from all exposure routes is within or below EPA regulatory guidelines for the receptor populations evaluated for SEAD-64A. Accordingly, a determination was made that SEAD-64A posed no significant ecological risk to human health or the environment and warranted a "No Further Action" status under CERCLA. Regulatory approval of the "No Further Action" decision in the 2002 Document forms the basis for this NOIPD to delete SEAD-64A from the NPL.

SEAD-68 Building S-335 Old Pest Control Shop

SEAD-68 is located in the east-central portion of the Depot on land that is designated for planned industrial development. Building S-335 is a 100 feet by 40 feet single story wooden building reportedly used in the past as a former pesticide control shop.

In 1998 surface and subsurface soil samples were collected at SEAD-68. Five surface soils samples (0 to 0.2 feet) were collected exterior of doorways and two soil borings were sampled

(two samples per boring) on either side of the buildings garage door. The soil samples were analyzed for VOCs, pesticides, and arsenic. Several PAHs were detected in one or more of the soil samples at concentrations above NYSDEC TAGMs. All of the exceedances were from the surface soil samples. A mini risk assessment was conducted for SEAD-68 and concluded that even though four PAHs and arsenic were detected above TAGMs, the total cancer risk for industrial and residential receptors were below or within the EPA target ranges and the total non-cancer hazard indices from all exposure routes were acceptable for all receptors evaluated.

Current Status

The building is currently closed and no documentation or visual evidence of a release has been discovered. The Army's remedy for this SWMU is "No Action" under CERCLA. Approval of the ROD Twenty No Action SWMUs and Eight No Further Action SWMUs (September 2003) forms the basis for this NOIPD to delete SEAD-68 from the NPL.



76°54'0"W 76°53'0"W 76°52'0"W 76°51'0"W 76°50'0"W 76°49'0"W

42°42'0"N 42°43'0"N 42°44'0"N 42°45'0"N 42°46'0"N 42°47'0"N

- Areas to be Deleted
- Areas Excluded from Deletion
- Seneca Army Depot Property Boundary

Source: Digital Orthophoto, 2002
New York State GIS Clearinghouse



SEPTEMBER 2006 5217002

DELETION PLAN

SENECA ARMY DEPOT - ROMULUS, NY
SENECA COUNTY INDUSTRIAL DEVELOPMENT AGENCY, FLAUM MANAGEMENT COMPANY, AND EMPIRE BIOFUELS, LLC

Appendix G – Partial Site Deletion Data Collection Form

Seneca Army Depot

NY0213820830

Empire Biofuels Redevelopment,
Flaum Management Company Redevelopment, and
Seneca Army Public Safety Building and Jail

EPA Region 2, New York

1. Basic Identifying Information

1.1 Site Name: Seneca Army Depot

1.2 CERCLIS ID#: NY0213820830

1.3 NPL Site Location:

City: Romulus

County: Seneca

State: New York

Zip Code: 14541

1.4 Name Given to Deleted Portion of the Site:

- Empire Biofuels Redevelopment
- Flaum Management Company Redevelopment
- Seneca Army Public Safety Building and Jail

1.5 Is this the first, second, third, etc. partial deletion at the site? (Enter the deletion number): 1

1.6 Name of Person(s) Completing Form: Kent McManus, on behalf of Empire Biofuels, LLC, Flaum Management Company, Inc., and the Seneca County Industrial Development Agency.

Affiliation (agency/company): Malcolm Pirnie, Inc.

Phone Number: (716) 667-6607

1.7 Name of Person(s) Completing Electronic Locational Data: Joel Harden, on behalf of Empire Biofuels, LLC, Flaum Management Company, Inc., and the Seneca County Industrial Development Agency.

Affiliation (agency/company): Malcolm Pirnie, Inc.

Phone Number: (716) 667-6664

1.8 Brief Partial Deletion Narrative. Provide a brief narrative describing the location and extent of the release to be deleted. Include a discussion of the location data and method(s) used to delineate the deleted release. Attach additional pages if necessary:

The proposed partial deletion includes three separate areas within the Seneca Army Depot site, namely the Empire Biofuels Redevelopment, Flaum Management Company Redevelopment, and Seneca Army Public Safety Building and Jail. Each area contains multiple environmental Areas of Concern (designated as numbered SEADs), which were identified through historic information and field investigations. The SEADs are further defined as being excluded from deletion or proposed for deletion.

- Excluded SEADs have not completed their final closure, and as such are not proposed for deletion at this time. These areas were delineated for exclusion from the deletion process based on coordinates provided by the Army. The coordinates were originally prepared by the Army based on historic information and analytical data to facilitate their exclusion (i.e., retention) from a property transfer to the SCIDA.
- The SEADs that have been transferred to the SCIDA were delineated based on mapping provided by the Army, which was based on historic information and analytical data. Since those areas were not part of the property transfer to the SCIDA more detailed coordinate data was not available.

1.9 Party Requesting Deletion: Which party or parties requested the partial deletion (check all that apply):

- Developer
 - Empire Biofuels, LLC
 - Flaum Management Company, Inc.
- Property Owner/Operator
- City/Municipality
 - Seneca County
- State
- Citizen Group
- Other Interest Party
- Individual
- EPA
- Other Federal program (specify)
- Other (specify)
- Unknown

1.10 Reason for Partial Deletion: Which reason or reasons best justify the partial deletion (check all that apply):

- Contamination not found
- Cleaned up
- Deferred to RCRA
- Deferred to other Agency (specify)
- Incorrectly included in site boundaries
- Other (specify)

2.1 Which of the following items have been provided in the partial deletion package?:

- Notice of Intent to Delete
- Map of the entire site and deleted portion (Electronic and Hard Copy)

2.2 Which locational data fields have been provided in both electronic and printout form? (Check only the fields that apply)

*See Attached, NPL-GIS.doc.

- √ Projection of data
- √ Units of measure
- √ Projection spheroid
- √ Projection zone
- √ Horizontal datum
- √ XShift / YShift
- √ Source
- √ Source Scale
- √ Point-Line-Area
- Method of collection
- Description and structure of the data and any attribute information
- Accuracy value and unit
- Xmin, Ymin, Xmax, Ymax of data layer
- Precision of data
- Source projection
- Source units of measure
- Source projection spheroid
- Source horizontal datum

2.3 In which format(s) were the partial deletion electronic files submitted?

- ARC/INFO native or export (.E00)
- √ ArcView shape files
- MapInfo native Map Info Interchange Format (MIF)
- MapInfo Boundary Interchange (MBI)
- MapInfo Map Interchange (MMI)
- √ GIS+ native (Mr. SID Raster)
- AutoCAD DXF
- ASCII delimited file (include data structure and format for re-creation)

2.4 NPL Site Coordinates: See Attached, GIS Coordinates.xls

2.5 Deleted Portion Coordinates: See Attached, GIS Coordinates.xls

2.2 Which locational data fields have been provided in both electronic and printout form?

SEAD – GIS Layers

Data Layer: Areas to be Deleted (Areas_to_be_Deleted.shp)

Projection: NAD_1983

Units of Measure: Feet

Projection Spheroid: Transverse_Mercator

Projection Zone: New_York_Central

Horizontal Datum: North_American_1983

False Northing: 0.00000000

False Easting: 820208.33333333

Source: "Seneca Army Depot" (Michael D. Karlsen, Surveyor; Scale 1" = 400'); Seneca Army Depot SWMU Classification Report (Parsons Engineering; Scale 1" = 1000')

Point-Line-Area: Area

Method of collection: Hardcopy drawings were scanned and georeferenced to align with aerial photography; Areas to be Deleted were then digitized in shapefile format

Attributes: Label, Acres

Data Layer: Seneca Army Depot Property Boundary (Boundary-Seneca-Depot.shp)

Projection: NAD_1983

Units of Measure: Feet

Projection Spheroid: Transverse_Mercator

Projection Zone: New_York_Central

Horizontal Datum: North_American_1983

False Northing: 0.00000000

False Easting: 820208.33333333

Source: Seneca Army Depot SWMU Classification Report (Parsons Engineering; Scale 1" = 1000')

Point-Line-Area: Area

Method of collection: Hardcopy map showing outline was scanned and georeferenced to align with aerial photography; Seneca Army Depot Property Boundary was then digitized in shapefile format

Attributes: Label

Data Layer: Areas Excluded from Deletion (Excluded_from_deletion.shp)

Projection: NAD_1983

Units of Measure: Feet

Projection Spheroid: Transverse_Mercator

Projection Zone: New_York_Central

Horizontal Datum: North_American_1983

False Northing: 0.00000000

False Easting: 820208.33333333

Source: "Seneca Army Depot" (Michael D. Karlsen, Surveyor, 2002; Scale 1" = 400'); Seneca Army Depot SWMU Classification Report (Parsons Engineering; Scale 1" = 1000'); Seneca Army Depot Activity – SEADs Under Investigation/Remediation – Retained Sites (Parsons; Scale 1:1000, February 2004)

Point-Line-Area: Area

Method of collection: Hardcopy maps delineating areas to be excluded were scanned and georeferenced to align with aerial photography; these areas were then digitized in shapefile format

Attributes: Acres

Data Layer: Aerial Photograph - Romulus

Projection: NAD_1983

Units of Measure: Feet

Projection Spheroid: Transverse_Mercator

Projection Zone: New_York_Central

Horizontal Datum: North_American_1983

False Northing: 0.00000000

False Easting: 820208.33333333

Source: New York State GIS Clearinghouse download

Source Scale: 2 ft. resolution

Point-Line-Area: Raster

Method of collection: Aerial photography for the Town of Romulus was downloaded from the New York State GIS Clearinghouse; GeoExpress was used to mosaic individual tiles together into one raster covering the entire Town

Attributes: None

Data Layer: Aerial Photograph - Varick

Projection: NAD_1983

Units of Measure: Feet

Projection Spheroid: Transverse_Mercator

Projection Zone: New_York_Central

Horizontal Datum: North_American_1983

False Northing: 0.00000000

False Easting: 820208.33333333

Source: New York State GIS Clearinghouse download

Source Scale: 2 ft. resolution

Point-Line-Area: Raster

Method of collection: Aerial photography for the Town of Romulus was downloaded from the New York State GIS Clearinghouse; GeoExpress was used to mosaic individual tiles together into one raster covering the entire Town

Attributes: None

2.4 NPL Site Coordinates

| Latitude | Longitude |
|-----------------|-----------------|
| 42d 47' 17.400" | 76d 53' 52.099" |
| 42d 47' 22.722" | 76d 51' 43.300" |
| 42d 45' 56.712" | 76d 50' 35.180" |
| 42d 45' 5.806" | 76d 50' 31.750" |
| 42d 45' 5.674" | 76d 50' 28.532" |
| 42d 44' 40.568" | 76d 50' 27.482" |
| 42d 44' 40.863" | 76d 50' 2.384" |
| 42d 44' 29.255" | 76d 50' 1.864" |
| 42d 44' 26.984" | 76d 50' 2.565" |
| 42d 44' 14.487" | 76d 50' 9.856" |
| 42d 43' 58.947" | 76d 50' 11.806" |
| 42d 43' 48.485" | 76d 50' 11.391" |
| 42d 43' 29.743" | 76d 49' 48.303" |
| 42d 43' 24.370" | 76d 49' 40.437" |
| 42d 43' 16.704" | 76d 49' 30.558" |
| 42d 43' 2.773" | 76d 49' 14.524" |
| 42d 42' 18.112" | 76d 49' 12.227" |
| 42d 42' 16.895" | 76d 49' 37.468" |
| 42d 42' 1.940" | 76d 49' 36.919" |
| 42d 41' 59.231" | 76d 51' 7.758" |
| 42d 41' 57.108" | 76d 51' 7.749" |
| 42d 41' 56.274" | 76d 51' 39.755" |
| 42d 42' 57.386" | 76d 52' 42.757" |
| 42d 42' 59.855" | 76d 52' 44.749" |
| 42d 43' 3.621" | 76d 52' 47.022" |
| 42d 44' 33.609" | 76d 53' 11.908" |
| 42d 45' 9.089" | 76d 53' 45.393" |

2.5 Deleted Portion Coordinates:

Empire Biofuels Redevelopment

| Latitude | Longitude |
|-----------------|-------------------|
| 42d 45' 2.749" | 76d 52' 34.379" |
| 42d 44' 9.149" | 76d 52' 31.598" |
| 42d 44' 8.357" | 76d 53' 3.379860" |
| 42d 44' 18.555" | 76d 53' 6.560" |
| 42d 44' 24.055" | 76d 53' 7.670" |
| 42d 44' 32.660" | 76d 53' 9.157" |
| 42d 44' 34.521" | 76d 53' 10.370" |
| 42d 44' 36.075" | 76d 53' 11.860" |
| 42d 44' 51.914" | 76d 53' 26.863" |
| 42d 44' 53.107" | 76d 53' 25.981" |
| 42d 44' 53.910" | 76d 53' 25.943" |
| 42d 44' 55.364" | 76d 53' 24.945" |
| 42d 45' 1.183" | 76d 53' 25.251" |
| 42d 45' 1.115" | 76d 53' 22.422" |

*Areas excluded from Empire Biofuels Redevelopment

| Area | Latitude | Longitude |
|---------|-----------------|-----------------|
| SEAD-24 | 42d 44' 32.081" | 76d 53' 1.032" |
| | 42d 44' 30.872" | 76d 52' 51.216" |
| | 42d 44' 26.558" | 76d 52' 50.083" |
| | 42d 44' 26.678" | 76d 53' 1.059" |

Seneca County Public Safety Building and Jail

| Latitude | Longitude |
|-----------------|-----------------|
| 42d 43' 32.874" | 76d 49' 57.636" |
| 42d 43' 19.777" | 76d 49' 38.461" |
| 42d 43' 19.032" | 76d 49' 56.972" |

Flaum Management Company Redevelopment

| Latitude | Longitude |
|-----------------|-----------------|
| 42d 44' 41.098" | 76d 50' 28.313" |
| 42d 44' 39.745" | 76d 50' 28.307" |
| 42d 44' 40.329" | 76d 50' 3.243" |
| 42d 44' 37.447" | 76d 50' 3.145" |
| 42d 44' 37.391" | 76d 50' 10.241" |
| 42d 44' 33.244" | 76d 50' 10.090" |
| 42d 44' 33.242" | 76d 50' 10.921" |
| 42d 44' 27.613" | 76d 50' 10.711" |
| 42d 44' 27.434" | 76d 50' 10.711" |
| 42d 44' 26.703" | 76d 50' 11.805" |
| 42d 44' 26.659" | 76d 50' 13.842" |
| 42d 44' 26.796" | 76d 50' 14.405" |
| 42d 44' 26.713" | 76d 50' 15.799" |
| 42d 44' 24.877" | 76d 50' 15.710" |
| 42d 44' 24.541" | 76d 50' 24.765" |
| 42d 44' 11.170" | 76d 50' 24.255" |
| 42d 44' 9.730" | 76d 50' 23.686" |
| 42d 44' 8.941" | 76d 50' 23.093" |
| 42d 44' 1.945" | 76d 50' 16.259" |
| 42d 44' 0.268" | 76d 50' 15.610" |
| 42d 43' 58.984" | 76d 50' 15.444" |
| 42d 43' 58.994" | 76d 50' 12.486" |
| 42d 43' 54.708" | 76d 50' 13.101" |
| 42d 43' 48.153" | 76d 50' 12.696" |
| 42d 43' 17.058" | 76d 49' 32.238" |
| 42d 43' 6.235" | 76d 49' 20.219" |
| 42d 43' 5.424" | 76d 49' 37.529" |
| 42d 43' 4.428" | 76d 49' 37.475" |
| 42d 43' 4.463" | 76d 49' 38.326" |
| 42d 43' 15.678" | 76d 49' 39.021" |
| 42d 43' 15.290" | 76d 49' 48.027" |
| 42d 43' 11.084" | 76d 49' 47.860" |
| 42d 43' 11.120" | 76d 49' 48.461" |
| 42d 43' 5.032" | 76d 49' 48.136" |
| 42d 43' 3.753" | 76d 50' 26.035" |
| 42d 43' 6.381" | 76d 50' 28.874" |
| 42d 43' 54.217" | 76d 50' 43.942" |
| 42d 43' 49.836" | 76d 50' 52.017" |
| 42d 43' 46.754" | 76d 51' 1.866" |
| 42d 43' 45.793" | 76d 51' 5.534" |
| 42d 43' 45.436" | 76d 51' 8.253" |
| 42d 44' 3.986" | 76d 51' 9.149" |
| 42d 44' 16.011" | 76d 51' 13.079" |
| 42d 44' 39.773" | 76d 51' 14.241" |
| 42d 44' 39.484" | 76d 51' 2.852" |
| 42d 44' 39.579" | 76d 50' 56.046" |
| 42d 44' 40.270" | 76d 50' 56.129" |

***Areas excluded from Flaum Management Company Redevelopment**

| Area | Latitude | Longitude |
|-------------|-----------------|------------------|
| SEAD-2 | 42d 44' 10.962" | 76d 51' 10.338" |
| | 42d 44' 10.104" | 76d 51' 10.090" |
| | 42d 44' 9.951" | 76d 51' 11.099" |
| | 42d 44' 10.810" | 76d 51' 11.379" |
| SEAD-17 | 42d 44' 23.417" | 76d 50' 53.9176" |
| | 42d 44' 23.063" | 76d 50' 47.553" |
| | 42d 44' 17.897" | 76d 50' 47.960" |
| | 42d 44' 18.087" | 76d 50' 57.184" |
| SEAD-16 | 42d 44' 29.819" | 76d 50' 43.006" |
| | 42d 44' 23.552" | 76d 50' 41.335" |
| | 42d 44' 21.701" | 76d 50' 44.044" |
| | 42d 44' 28.907" | 76d 50' 50.223" |
| SEAD-5 & 59 | 42d 44' 30.994" | 76d 50' 36.075" |
| | 42d 44' 28.149" | 76d 50' 35.849" |
| | 42d 44' 28.639" | 76d 50' 28.701" |
| | 42d 44' 25.900" | 76d 50' 28.475" |
| | 42d 44' 25.567" | 76d 50' 35.838" |
| | 42d 44' 25.039" | 76d 50' 35.907" |
| | 42d 44' 25.155" | 76d 50' 41.762" |
| | 42d 44' 30.451" | 76d 50' 43.223" |
| SEAD-71 | 42d 44' 33.753" | 76d 50' 27.864" |
| | 42d 44' 31.803" | 76d 50' 27.928" |
| | 42d 44' 30.994" | 76d 50' 36.075" |
| | 42d 44' 30.695" | 76d 50' 40.010" |
| SEAD-39 | 42d 44' 33.696" | 76d 50' 29.866" |
| | 42d 44' 33.137" | 76d 50' 20.828" |
| | 42d 44' 32.332" | 76d 50' 20.746" |
| | 42d 44' 32.360" | 76d 50' 21.019" |
| SEAD-25 | 42d 44' 33.135" | 76d 50' 21.920" |
| | 42d 44' 24.272" | 76d 50' 25.751" |
| | 42d 44' 18.844" | 76d 50' 25.586" |
| | 42d 44' 18.781" | 76d 50' 30.233" |
| | 42d 44' 18.567" | 76d 50' 30.233" |
| | 42d 44' 18.772" | 76d 50' 34.094" |
| | 42d 44' 18.821" | 76d 50' 35.667" |
| SEAD-40 | 42d 44' 19.872" | 76d 50' 37.244" |
| | 42d 44' 24.209" | 76d 50' 30.113" |
| | 42d 44' 11.929" | 76d 50' 30.705" |
| | 42d 44' 10.478" | 76d 50' 30.193" |
| SEAD-1 | 42d 44' 10.401" | 76d 50' 30.627" |
| | 42d 44' 11.841" | 76d 50' 31.129" |
| | 42d 44' 10.038" | 76d 50' 28.630" |
| | 42d 44' 10.041" | 76d 50' 27.564" |
| | 42d 44' 9.037" | 76d 50' 27.547" |
| | 42d 44' 9.035" | 76d 50' 28.620" |

| | | |
|------------------|-----------------|-----------------|
| SEAD-121C | 42d 44' 16.170" | 76d 50' 42.805" |
| | 42d 44' 15.915" | 76d 50' 39.301" |
| | 42d 44' 12.700" | 76d 50' 39.144" |
| | 42d 44' 12.383" | 76d 50' 39.429" |
| | 42d 44' 12.381" | 76d 50' 40.430" |
| | 42d 44' 11.641" | 76d 50' 41.571" |
| | 42d 44' 7.952" | 76d 50' 41.198" |
| | 42d 44' 7.144" | 76d 50' 49.058" |
| | 42d 44' 8.457" | 76d 50' 51.137" |
| | 42d 44' 13.849" | 76d 50' 43.653" |
| | 42d 44' 14.483" | 76d 50' 43.227" |
| SEAD-121I | 42d 43' 56.141" | 76d 50' 20.631" |
| | 42d 43' 30.917" | 76d 50' 19.479" |
| | 42d 43' 30.768" | 76d 50' 23.291" |
| | 42d 43' 55.992" | 76d 50' 24.538" |
| SEAD-26 | 42d 43' 30.136" | 76d 50' 23.383" |
| | 42d 43' 17.699" | 76d 50' 22.951" |
| | 42d 43' 17.418" | 76d 50' 22.759" |
| | 42d 43' 16.995" | 76d 50' 23.425" |
| | 42d 43' 16.362" | 76d 50' 23.708" |
| | 42d 43' 16.501" | 76d 50' 24.566" |
| | 42d 43' 16.429" | 76d 50' 25.233" |
| | 42d 43' 16.850" | 76d 50' 25.521" |
| | 42d 43' 17.060" | 76d 50' 25.903" |
| | 42d 43' 30.059" | 76d 50' 26.147" |
| Ore Pile (North) | 42d 43' 49.656" | 76d 50' 21.513" |
| | 42d 43' 43.440" | 76d 50' 21.423" |
| | 42d 43' 43.404" | 76d 50' 23.187" |
| | 42d 43' 49.589" | 76d 50' 23.384" |
| Ore Pile (South) | 42d 43' 36.820" | 76d 50' 21.054" |
| | 42d 43' 30.630" | 76d 50' 20.948" |
| | 42d 43' 30.611" | 76d 50' 22.821" |
| | 42d 43' 36.786" | 76d 50' 22.987" |

*Note that the Seneca County Public Safety Building and Jail is wholly encompassed by the Flaum Management Company Redevelopment Area.