

**New York State Department of Environmental Conservation**

**Division of Environmental Permits, Region 1**

Building 40 - SUNY, Stony Brook, NY 11790-2358

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~~09-01-00-0077~~



John P. Cahill  
Commissioner

James L. Colter  
Remedial Project Manager  
Department of the Navy  
Naval Facilities Engineering Command  
10 Industrial Highway  
Mail Stop #82  
Lester, PA 19113-2090

January 04, 2000

RE: Draft 373 Permit for NWIRP Calverton, New York.  
EPA ID #NYD003995198  
NYSDEC ID#1-4730-00013/00001

Dear Mr. Colter:

Enclosed is the NYSDEC's Draft 373 Permit, Fact Sheet, Public Notice, and Radio Announcement for the above-referenced application.

The Public Notice will appear in the Environmental Notice Bulletin on 01/19/00. You should arrange to have the Public Notice published in Suffolk Life, or a similar daily or weekly major local newspaper of general circulation, and the Radio Announcement broadcast twice over a local radio station. The Radio Announcement must be a paid announcement and must be broadcast during the morning and evening rush hour while the Public Notice is in Publication.

Please provide me with a copy of the receipt of the Public Notice and Radio Announcement. If you have any questions, please contact me at (631) 444-0367.

Sincerely,

John A. Wieland  
Deputy Permit Administrator  
NYSDEC, Region 1, Stony Brook

cc: J. Reidy, EPA Region II  
Supervisor, Town of Riverhead  
Environmental Notice Bulletin  
A. Cava, NYSDEC, Region 1  
K. Murphy, NYSDEC, Region 1  
S. Kaminski, NYSDEC, Albany  
H. Wilkie, NYSDEC, Albany  
file

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NOTICE OF COMPLETE APPLICATION  
NOTICE OF AVAILABILITY OF DRAFT PERMIT MODIFICATION  
NOTICE OF PUBLIC COMMENT PERIOD

DATE: January 19, 2000

APPLICANT: Department of the Navy, Naval Facilities Engineering Command, 10 Industrial Highway, Mail Stop #82, Lester, PA 19113-2090

DEC APPLICATION NUMBER: 1-4730-00013/00001

PERMITS APPLIED FOR: ARTICLE 27, TITLE 9: INDUSTRIAL HAZARDOUS WASTE MANAGEMENT

PROJECT LOCATION: Calverton, Suffolk County

PROJECT DESCRIPTION:

The New York State Department of Environmental Conservation (DEC) has drafted a 373 permit for the purpose of implementing RCRA corrective action at **NWIRP Calverton** in Calverton, New York  
DOCUMENT AVAILABILITY AND PUBLIC COMMENT:

Copies of the draft permit, investigation reports and fact sheet are available for review at the following locations: DEC Central Office, Division of Solid And Hazardous Materials, 50 Wolf Rd., Room 460, Albany, NY 12233-7252 (contact person for technical information: Henry Wilkie (518) 457-9255); and at the DEC Region 1 Office, Division of Environmental Permits, SUNY Campus, Building 40, Stony Brook, NY 11790-2356 (contact person for permit processing: John A. Wieland (631) 444-0367). Interested persons may submit written comments or request a public hearing on the draft permit modification no later than 03/06/00. Comments must be sent to, NYSDEC, Division of Environmental Permits, SUNY Campus, Building 40, Stony Brook, NY 11790-2356 and to Paul Merges, Director, Bureau of Radiation and Hazardous Site Management, NYSDEC, 50 Wolf Rd., Albany, NY 12233-7252.

STATE ENVIRONMENTAL QUALITY REVIEW (SEQR) DETERMINATION:

The Project is a Type II action and therefore not subject to SEQR.

STATE HISTORIC PRESERVATION ACT (SHPA) DETERMINATION:

The Navy conducted an intensive archeological survey and historical survey aimed at identified archeologically sensitive and historical eligible areas in compliance with Sections 106 and 110 of the National Historical Preservation Act (NHPA) of 1966, as amended. There are no historically structures located on what is now the Navy's property. This report is available for review during the public notice at the above location.

**NWIRP CALVERTON**  
**Formerly Grumman Aerospace Corp-Calverton**  
**CALVERTON, NEW YORK**  
**SUFFOLK COUNTY**

**RADIO ANNOUNCEMENT**

**60 SECONDS**

The New York State Department of Environmental Conservation (DEC) has reviewed a permit application from NWIRP CALVERTON Formerly Grumman Aerospace Corp-Calverton for the purpose of implementing RCRA corrective action at NWIRP Calverton in Calverton, New York. The DEC plans to issue a permit which will authorize The Permittee to conduct corrective action in accordance with the conditions of this Permit.

Copies of the permit application and the draft permit, investigation reports and fact sheet are available for review at the following locations: DEC Central Office, Division of Solid And Hazardous Materials, 50 Wolf Rd., Room 460, Albany, NY 12233-7252; and at the DEC Region 1 Office, Division of Environmental Permits, SUNY Campus, Building 40, Stony Brook, NY 11790-2356.

Interested persons may submit written comments or request a public hearing on the draft permit modification no later than 03/06/00. Comments on the state permit must be sent to John A. Wieland, Deputy Regional Permit Administrator, DEC Region 1 Office, Division of Environmental Permits, SUNY Campus, Building 40, Stony Brook, NY 11790-2356.

**STATE 6NYCRR PART 373  
FACT SHEET  
FOR  
NWIRP CALVERTON  
CALVERTON, NEW YORK  
SUFFOLK COUNTY**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

This fact sheet has been developed for the New York State Department of Environmental Conservation's (NYSDEC) draft Part 373 Permit which the NYSDEC intends to issue NWIRP CALVERTON for the purpose of implementing RCRA corrective action located in Calverton, New York. This fact sheet was prepared in accordance with the requirements of 6NYCRR 373-1.4(f).

**A. PURPOSE OF THE PERMITTING PROCESS**

The purpose of the permitting process is to allow the NYSDEC, interested citizens and other governmental agencies the opportunity to evaluate the ability of the Permittee to comply with the applicable requirements promulgated under New York State and Federal Laws. NYSDEC is required to prepare draft permits which set forth in concise documents all the applicable requirements with which the NYSDEC intend to require the Permittee to comply during the five year duration of the permits. The public is given forty-five (45) days to review the application and comment on the draft permit prior to NYSDEC taking any final permitting action on the application for a hazardous waste management permit.

**B. PROCEDURE FOR REACHING A FINAL DECISION**

Article 27 of the ECL, 6NYCRR Part 621 require that the public be given forty-five (45) days to comment on the permit application and each draft permit prepared. The comment period will begin on 01/19/00 and will end on 03/06/00. Any person interested in commenting on this draft permit must do so within this forty-five (45) day comment period.

All persons wishing to comment on the state Part 373 Permit should submit the comments in writing to John A. Wieland, Deputy Regional Permit Administrator, NYSDEC Region 1 Office, Division of Environmental Permits, SUNY Campus, Building 40, Stony Brook, NY 11790-2356 no later than 03/06/00. Comments should include all reasonably available references, factual grounds and supporting material.

NYSDEC will consider all written comments received during the public comment period, and oral or written statements received during a legislative public hearing in making a final permit decision.

When the NYSDEC makes a final permit decision to either issue, deny or modify this

permit, notice will be given to the applicant and each person who has submitted written comments or requested notice of the final decision. If the decision is to issue a final permit, this notice will include a summary of responses to comments, identifying the permit conditions in the final permit which are different from those in the draft permit and the reasons for the changes. The final permit becomes effective immediately on the date of issuance, unless a later date is specified.

**C. FACILITY DESCRIPTION**

NWIRP Calverton formerly engaged in the manufacture of aircraft part and subassemblies. The facility has phased out all of its manufacturing process operations and the former operator of the facility, the Northrop Grumman Corporation, vacated the property in February 1996. Since that time all property contained within perimeter fence, with the exception of four (4) parcels of land approximately 350 acres which have been retained by the Navy to continue the Installation Restoration (IR) Program, have been conveyed to the Town of Riverhead. There are no longer any process-type operations that generate hazardous waste conducted on the Navy's 350 acres. Any waste (solid and/or hazardous) generated will be the result of the continuation of the Navy's IR program.

**D. NEW YORK STATE AND FEDERAL REQUIREMENTS FOR CORRECTIVE ACTION AT PERMITTED FACILITIES**

Corrective action implementation authorized by 6NYCRR 373-2.6 and this draft permit includes: (a) the RCRA Facility Assessment ("RFA"); (b) the RCRA Facility Investigation ("RFI"); and (c) Corrective Measures ("CM"). The RFA is a process that assesses all of the media (i.e., soil, groundwater, surface water/sediment, air and subsurface gas) that could potentially be impacted by release(s) of hazardous waste, including hazardous constituents. Based on this evaluation, the SWMU(s)/AOC(s) are characterized as to release potentials. This phase of the RCRA corrective action process has been completed at this site with all SWMU(s)/AOC(s) identified in Module II of the Draft Permit.

The purpose of the RFI is to determine the nature, extent, direction and rate of migration of hazardous wastes, including hazardous constituents, in soils, groundwater, surface water/sediment, subsurface gas and/or air. From these multimedia analyses, the types and concentrations of contaminants present, the boundaries of any contamination (e.g., plumes), and the rate and direction of contaminant movement should be determined in each of the impacted media. The RFI has been completed for the majority SWMU(s)/AOC(s) identified with contamination. However, the RFI process is still in progress at eight (8) SWMU(s)/AOC(s) where work plans have been approved and implemented.

The culmination of the Corrective Action Program addressed by the draft permit is the Corrective Measures Study ("CMS"). A CMS may be required if concentrations of hazardous constituents in an aquifer, in surface water/sediment, in soils, or in air exceed their corresponding action levels. Such a study may also be required if individual concentrations of hazardous constituents are at or below their action levels, but they still

may pose a threat to human health or the environment due to site-specific exposure conditions. The CMS will address alternative corrective measure strategies that are technologically feasible and reliable and which effectively mitigate and minimize damage to, and provides adequate protection of human health and the environment. The Permittee will develop the site-specific CMS using target clean-up levels chosen by the Commissioner to be protective of human health and the environment. Where available, they may be promulgated standards. The CMS may not require extensive evaluation of a number of remedial alternatives where a solution is straight forward or only few solutions exist. Such situations could require the Permittee to submit a highly focused CMS.

Following completion of the CMS, the Commissioner will select the corrective measure(s) from the corrective measure alternatives evaluated in the CMS. The Commissioner will then initiate a permit modification for the selected corrective measure(s).

E. CURRENT STATUS OF FACILITY CORRECTIVE ACTION

The Navy is conducted remedial investigation (RFI) at eight (3) SWMUs and five (5) AOC(s) where groundwater was found to contain contamination in excess of NYS water standard. These eight (8) units are: Northeast Pond Disposal Area (IR Site 1), Fire Rescue Training Area (IR Site 2), Old Fuel Calibration Area (IR Site 6A), Fuel Depot (IR Site 7), Electronic Countermeasures Area (IR site 9), Fuel Test Laboratory (IR Site 10A), Various Cesspools/Leachfields (Engine Test House - IR Site 10B) and the Southern Area.

F. PERMIT ORGANIZATION

The NYSDEC 6NYCRR Part 373 Permit is divided into parts as outlined below:

Module I - Standard Conditions - Covers the conditions found in 6NYCRR Subpart 373-1 and required to be included in all permits;

Module II - Corrective Action Requirements for Solid Waste Management Units - Covers all applicable conditions for continuing releases at permitted facilities found in 6NYCRR 373-2.6(l);

G. BASES FOR PERMIT CONDITIONS

The permit conditions are based on the requirements of 6NYCRR 373-1 (Hazardous Waste Treatment, Storage, and Disposal Facility Permitting Requirements) and 6NYCRR 373-2 (Final Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities).

H. LEGAL REFERENCES FOR THIS PROPOSAL

Permitting requirements for facilities that treat, store or dispose of hazardous waste are promulgated under the New York State Environmental Conservation Law pursuant to Article 19, Title 3; Article 23, Title 23; and Article 27, Titles 7 and 9.