

8910

INSTALLATION RESTORATION PROGRAM UPDATE

FORMER NAVAL CONSTRUCTION BATTALION CENTER Davisville, Rhode Island

FACT SHEET ON THE PROPOSED PLAN FOR SITE 05 - TRANSFORMER OIL DISPOSAL AREA AND SITE 08 - DEFENSE PROPERTY DISPOSAL OFFICE (DPDO) FILM PROCESSING DISPOSAL AREA

MAY 1995

INTRODUCTION

This fact sheet has been prepared to provide the public with an explanation of the Navy's decision to propose a "no action" alternative with respect to the soils operable unit at Site 05, the Transformer Oil Disposal Area and at Site 08, the Defense Property Disposal Office (DPDO) Film Processing Disposal Area, both located at the former Naval Construction Battalion Center (NCBC) in Davisville (see Figure 1). The Proposed Plan and this fact sheet address only Sites 05 and 08. In July 1994, the Navy issued a Proposed Plan for Sites 05 and 08 which proposed limited action in the form of site use restrictions for future use of both sites. However, based on the Navy's consideration of public comments on the Proposed Plan, the Navy is performing a comprehensive basewide ground water remedial investigation to determine if site use restrictions with respect to ground water are required. Therefore, the Navy has separated Sites 05 and 08 into two operable units, one for soils and one for ground water, and is currently proposing no action with respect to the soils operable unit at Sites 05 and 08. Ground water quality at Sites 05 and 08 will be addressed after completion of the basewide ground water remedial investigation (RI) in November 1995.

PUBLIC INFORMATION MEETING AND PUBLIC HEARING ON THE SITES 05 AND 08 SOILS OPERABLE UNIT PROPOSED PLAN

The Sites 05 and 08 Proposed Plan public hearing is the public's opportunity to comment on the Navy's proposed selection of a "no action" remedy for the soils operable unit. The public comment period runs for 30 days, during which time the public may submit written comments to the Navy at the address listed below. The public comment period begins May 23, 1995 and extends through June 21, 1995. The Navy will hold a public informational meeting on

Wednesday, May 31, 1995 at 7:00 p.m. at the Administrative Building (Building 404), located at the former site of the Naval Construction Battalion Center in Davisville, to describe the no action remedy. The public is encouraged to attend the meeting, hear the presentations and participate in a discussion session. The Navy will also hold a public hearing immediately following the informational meeting to accept verbal comments on the no action remedy under consideration for the sites. During the public hearing, the public can provide oral or written comments on the Proposed Plan; all verbal comments received will be transcribed. The Navy will respond to all comments in a document called a Responsiveness Summary and the comments will be considered during the preparation of the Record of Decision for the soils operable unit at Sites 05 and 08. An overview of the overall remedy selection and cleanup process is provided later in this fact sheet.

BRIEF HISTORY OF SITES 05 AND 08

Site 05

If, after reviewing the information on Sites 05 and 08, you would like to comment in writing on the Navy's preferred "no action" remedy, please deliver your comments to the Navy at the public hearing on May 31, 1995 or mail your written comments (postmarked no later than June 23, 1995) to:

U.S. Department of the Navy
Naval Facilities Engineering Command
Northern Division
10 Industrial Highway, Mail Stop #82
Lester, PA 19113-2090
Attn: Robert Krivinskas, Code 1823
Remedial Project Manager

Site 05, the Transformer Oil Disposal Area, is a relatively flat, overgrown area to the east of Building 37 and adjacent to Camp Avenue (Figure 2). The site is located outside of the fence line surrounding the former NCBC Davisville facility. In 1968 or 1969, approximately 30 gallons of transformer oil containing PCBs were reportedly disposed of on the ground within the identified 1,500-square-foot site area.

Site 08

Site 08 is a flat, grass-covered area to the east of Building 314 at West Davisville (Figure 3). An asphalt road passes through the center of the site. A fence delineating the former NCBC Davisville property line forms the eastern border of the site and Building 314 forms the western border of the site. For a six-month period during 1973, the Defense Property Disposal Office (DPDO), located at Building 314, recovered silver from photographic wastes. Waste liquids from this recovery process were reportedly discharged during rainfall events onto the pavement outside of Building 314 and were allowed to drain from the pavement. The waste liquids which were generated consisted of photographic compounds, such as sodium thiosulfate and hydroquinone, and liquids containing small concentrations of formaldehyde, acetic acid, potassium hydroxide and sulfuric acid. No specific information on the disposal frequency or total discharge was available from interviews or record searches; however, the amounts were reportedly small.

Installation Restoration Program investigations for Sites 05 and 08 began in 1984 with an Initial Assessment Study which identified the sites as warranting additional investigation. These investigations continued intermittently through 1994, when the remedial investigation reports documenting the nature and extent of soil contamination at the sites were issued.

Nature of Contamination

The Site 05 and Site 08 remedial investigation reports concluded that there were no levels of contamination in site soils that required further action under the Superfund program ("Lead was detected in levels slightly above the Rhode Island lead free standard but below the federal screening level, and presented no health risks to the future industrial/commercial workers at the site."). As mentioned previously, ground water will be addressed within a separate operable unit, pending the completion of additional ground water investigations.

THE NAVY'S DETERMINATION OF NO FURTHER ACTION AT SITES 05 AND 08

Based on all the information gathered and analyzed, the Navy determined that soils at Sites 05 and 08 pose no unacceptable risk to human health or the environment. Therefore, the Navy has determined that no further action for soils at Sites 05 and 08 is appropriate under the Superfund process. However, because lead was detected low levels in some of the Site 05 and Site 08 soil samples and because the State of Rhode Island Department of Health has additional requirements under its Rules and Regulations for Lead Poisoning Prevention, the Navy has applied for and received a variance from the Rhode Island Department of Health Environmental Lead Program. The variance requests the State's approval to use the arithmetic average of lead levels in discrete soil samples collected during the Installation Restoration Program studies in place of the lead level from a composite sample (a single sample consisting of soil gathered from multiple locations) which is the sampling method prescribed by the regulations, in determining the lead-free status of the site.

ADDITIONAL INFORMATION ABOUT SITES 05 AND 08

An individual requesting more detailed technical information can fill out and return the attached card, and the Navy will mail out a copy of the Proposed Plan for Sites 05 and 08. To review all the documents pertaining to Sites 05 and 08 or to pick up a copy of the Sites 05 and 08 Proposed Plan, please visit the Information Repository which is maintained at the Reference Desk of the North Kingstown Free Library, located at 100 Boone Street, North Kingstown. The administrative record is also available for review at the Caretaker Site Office located in the Administrative Building (Building 404) on Davisville Road in North Kingstown.

If you have any questions about Sites 05 or 08 or any other aspect of the NCBC Installation Restoration Program, please contact:

Robert Krivinkas, Code 1823
 Remedial Project Manager
 U.S. Department of the Navy
 Naval Facilities Engineering Command
 Northern Division
 10 Industrial Highway, Mail Stop #82
 Lester, PA 19113-2090
 Phone: (610)595-0567, ext. 134

or

Louis Fayan
 Caretaker Site Office
 Administrative Building (Building 404)
 Davisville Road
 North Kingstown, Rhode Island 02854
 Phone: (401) 294-6108

or

Christine A.P. Williams
 Federal Facilities Superfund Section
 EPA Region 1
 JFK Federal Building (HRS-CAN3)
 Boston, Massachusetts 02203
 Phone: (617) 573-5736

SUMMARY OF THE NAVY'S REMEDY SELECTION AND CLEANUP PROCESS

STEP	DESCRIPTION
Preliminary Assessment/ Site Inspection (PA/SI)	The RI/FS process begins with investigations which determine if a suspected area of environmental contamination poses enough potential risk to warrant further investigation. The PA/SI step conducted at NCBC-Davisville consisted of an Initial Assessment Study (IAS) and Confirmation Study (CS) of selected areas. The PA/SI stage also included the 4 Study Area Screening Evaluations and Will include the EBS Phase II Review Item Inspections.
Remedial Investigation/ Feasibility Study (RI/FS)	If a potential threat to human health and/or the environment is indicated by the PA/SI, a more detailed investigation - a Remedial Investigation (RI) - is conducted to assess the extent and nature of the contamination and the potential risks involved. In conjunction with the RI, a Feasibility Study (FS) report is prepared to examine and evaluate various techniques and methods for performing a site cleanup. Study areas, identified pursuant to the Federal Facilities Agreement, are considered part of the RI.
Proposed Plan (PP)	The Proposed Plan summarizes the key results of the RI/FS, describes the remedial alternatives considered for the site, and identifies the Navy's preferred remedial alternative along with the rationale for this preference. The Proposed Plan is presented to the public through handouts and a public hearing to present the Navy's preferred remedy and to solicit public comments. Public comments on the Proposed Plan are accepted during a 30-day comment period.
Record of Decision (ROD)	The ROD is the formal, legal document which presents the selected remedy which will be implemented at the site. Public comments on the Proposed Plan and community concerns are addressed within the Responsiveness Summary portion of the ROD.
Remedial Design (RD)	The remedial design phase of the RI/FS process includes preparation of engineering plans and specifications in sufficient detail so that a construction contractor may build or implement the chosen remedial action.
Remedial Action (RA)	The remedial action is the method by which contamination is reduced, eliminated, or contained at the subject site.

NCBC-DAVISVILLE
ENVIRONMENTAL

INSIDE:

List Address Labels

Mailing

Caretaker Site Office
NAVAL CONSTRUCTION BATTALION CENTER
Building 404, Administrative Building
Davisville Road
North Kingstown, Rhode Island 02854

MAILING LIST ADDITIONS

If you or someone you know would like to be placed on the NCBC-Davisville mailing list, please fill out and mail this form to:

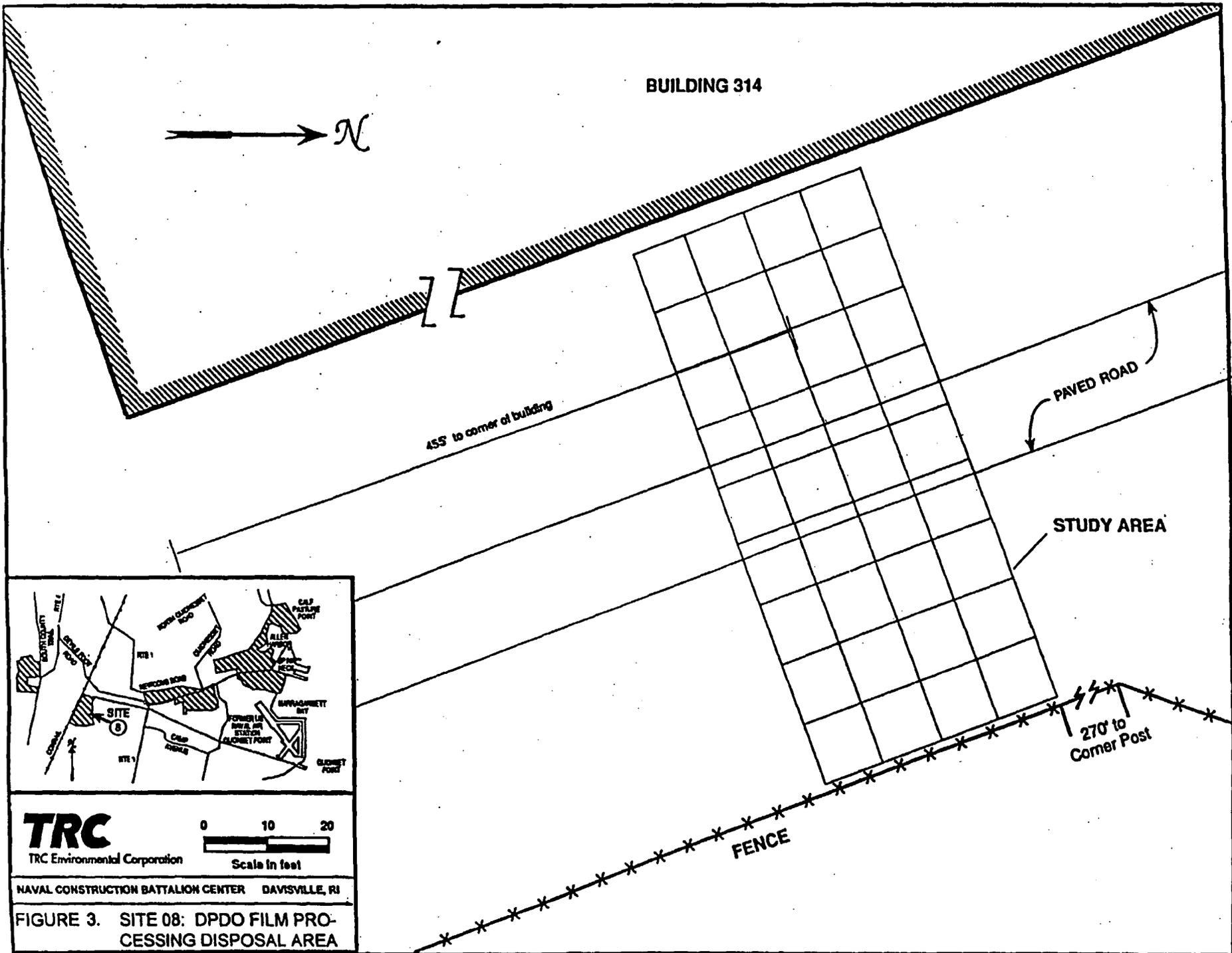
Robert Krivinkas, Code 1823
Remedial Program Manager
Department of the Navy
Naval Facilities Engineering Command, Northern Division
10 Industrial Highway, Mail Stop #82
Lester, PA 19113-2090

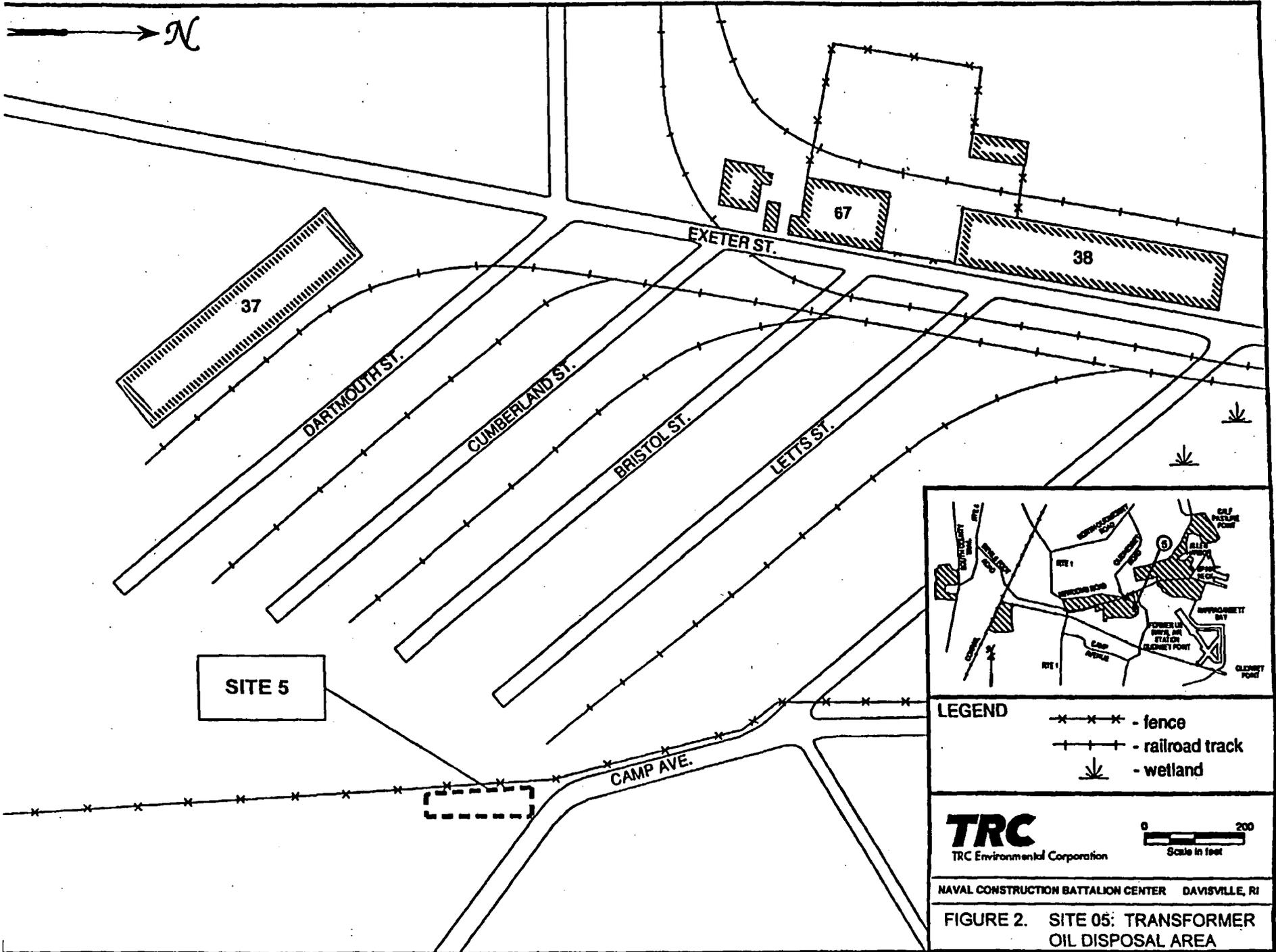
Name: _____

Address: _____

Affiliation (if any): _____ Phone: _____

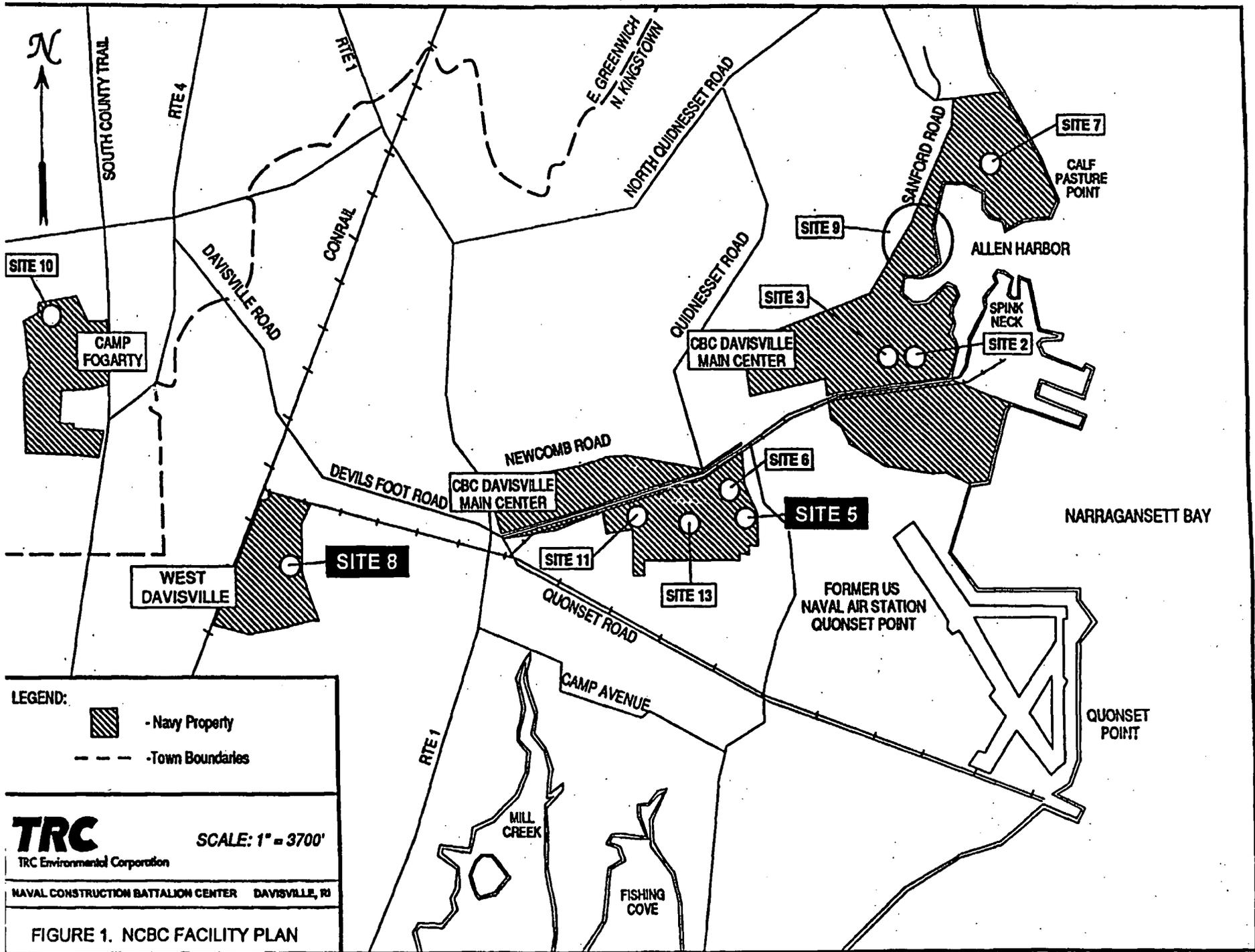
Add or Delete my name. I have moved. My new address is given above.





NAVAL CONSTRUCTION BATTALION CENTER DAVISVILLE, RI

FIGURE 2. SITE 05: TRANSFORMER OIL DISPOSAL AREA



TRC

TRC Environmental Corporation

SCALE: 1" = 3700'

NAVAL CONSTRUCTION BATTALION CENTER DAVISVILLE, RI

FIGURE 1. NCBC FACILITY PLAN