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NAS BRUNSWICK
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FINAL RESOURCE CONSERVATION AND RECOVERY ACT PARTIAL CLOSURE REPORT
FOR BUILDING 435 VR-62 ENTRY CONTROL POINT GUARD SHACK NAS BRUNSWICK ME
3/1/2010
TETRA TECH NUS

RCRA PARTIAL CLOSURE REPORT
for
BUILDING 435 – VR-62 ENTRY CONTROL POINT GUARD SHACK
NAVAL AIR STATION BRUNSWICK, MAINE
USEPA IDENTIFICATION NUMBER ME8170022018
MARCH 2010

1. INTRODUCTION

The purpose of this report is to present the findings and conclusion of the investigation conducted to determine if the Maine Department of Environmental Protection (MEDEP) RCRA or hazardous waste closure requirements have been completed for Building 435 at Naval Air Station Brunswick (NAS Brunswick).

2. PROPERTY DESCRIPTION

Building 435, known as the VR-62 entry control point (ECP) guard shack is located south of Building 648 (AIMD APU shop) and Building 253 (Hangar 4 turn style ECP) on the airfield apron area along the airfield perimeter fence (Figure 1). This guard house was manned by security personnel controlling vehicular traffic access to and from the airfield. Constructed in 2000, Building 435 consists of a 96 square-foot, single-level, wooden building. The building is set on wooden skids that sit directly on the airfield apron. Security flood lights are attached to the structure, and the building is heated by an electric space heater. A site plan is attached (see Figure 2). Photographs of the facility are provided as an attachment to this report.

3. PROPERTY HISTORY AND RECORDS RESEARCH

The Tetra Tech NUS, Inc. (TtNUS) project team interviewed NAS Brunswick Environmental Department personnel and performed records research at both NAS Brunswick and the MEDEP office in Augusta, Maine to collect available information concerning Building 435, including past use and operations at this location.

According to NAS Brunswick Environmental Department personnel, since its construction in 2000, the sole use of Building 435 has been as a security building. There is no record of hazardous waste operations at Building 435.

Records reviewed include: historical aerial photographs; the NAS Brunswick environmental databases, including the Other Environmental Liabilities (OEL) Database, the transformer database, the underground storage tank (UST) database, and the above-ground storage tank (AST) database; area-specific reports; facility plans and drawings; and hazardous operation records. Aerial photographs dated 1958, 1978, 1984, and 1989 (all produced by James W. Sewall Company) were reviewed along with Public Works Department site base maps dated 1946, 1952, 1956, 1962, 1983, 1989, and 2006 to provide historical information.

The review of aerial photos and site base maps did not show any buildings or structure previously located at or near the current Building 435 position. The area is shown as a part of the apron area on all aerial photographs reviewed, with the airfield fence first visible in the 1989 aerial photograph.

According to the NAS Brunswick transformer database, no transformers are associated with Building 435. No USTs or ASTs were associated with Building 435.

4. SITE VISIT AND INVESTIGATION

A Building 435 site visit was conducted by Mr. Brandon Smith, and P.E., Mr. James Forrelli, P.E., of TtNUS, on February 9, 2010. The purpose of the visit was to verify information gathered

during the records search and to collect additional information as necessary to prepare this closure report. Tetra Tech personnel were accompanied by Mr. D. Bruce Smith, the NAS Brunswick Hazardous Waste Manager. The Building 435 location was visually inspected for signs of hazardous waste generation or storage activity. Site visit observations, recorded on the attached Building Inspection Form⁽¹⁾, are summarized below:

- At the time of inspection, Building 435 was vacant and in fair condition.
- The interior consisted of a single room with telephone and electric services.
- No evidence of current or past hazardous waste generation activities was observed.
- No evidence of hazardous waste residues was observed.
- No signs of a past release (staining, unusual odors, etc.) were observed and no structural modifications, which could conceal signs of a past release, were observed.
- No hazardous waste storage areas or hazardous waste accumulation areas were observed.
- No transformers that could be a potential source of PCB contamination in the event of a leak were observed.

Based on the records research findings and site visit observations, it was determined that neither further inspection nor sampling of Building 435 is required to complete the MEDEP hazardous waste closure requirements.

5. HAZARDOUS WASTE GENERATION AND STORAGE

Based on the records research, site visit observations, and NAS Brunswick Environmental Department personnel interviews, no hazardous waste generation activity or hazardous waste accumulation or storage activity was conducted at Building 435.

6. OTHER ENVIRONMENTAL CONSIDERATIONS

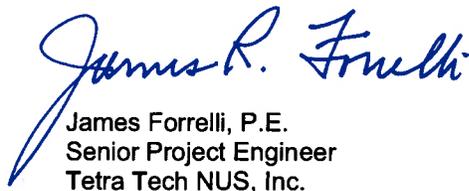
No underground storage tanks or above ground storage tanks were observed in the immediate vicinity of Building 435.

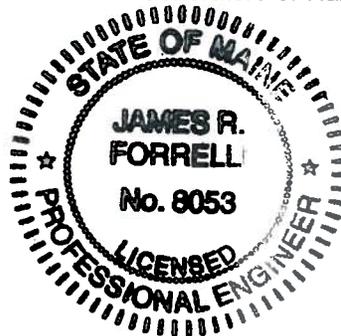
7. LIMITATIONS

This investigation of the hazardous waste closure requirement applies to the Building 435 footprint (as shown on Figure 2). It does not apply to the land surrounding or the groundwater underlying Building 435.

8. CERTIFICATION

Based on the findings of this investigation, there have been no activities resulting in the generation, accumulation or storage of hazardous waste at Building 435, NAS Brunswick, Maine. Therefore, the hazardous waste closure of Building 435 was completed in accordance with the provisions of MEDEP Regulations Chapter 851, Standards for Generators of Hazardous Waste, Section 11.


James Forrelli, P.E.
Senior Project Engineer
Tetra Tech NUS, Inc.



⁽¹⁾ The Building Inspection Form provides preliminary information collected during the building inspection, including information from visual observations, Navy personnel interviews, and from documents reviewed during file reviews. It does not reflect any additional information provided at a later date that further clarifies or corrects preliminary information collected during the building inspection and file reviews.

REFERENCES

James W. Sewall Company, 1958. NAS Brunswick Aerial Photographs. James W. Sewall Company, Old Town, ME. October 9, 1958.

James W. Sewall Company, 1978. NAS Brunswick Aerial Photographs. James W. Sewall Company, Old Town, ME. November 22, 1978.

James W. Sewall Company, 1984. NAS Brunswick Aerial Photographs. James W. Sewall Company, Old Town, ME. April 23, 1984.

James W. Sewall Company, 1989. NAS Brunswick Aerial Photographs. James W. Sewall Company, Old Town, ME. April 2, 1989.

Master/Historical Underground Storage Tank Inventory. NAS Brunswick, Maine. 02/05/96.

Public Works Department, 1946. "Map of US Naval Air Station, Brunswick, Maine, Showing conditions on June 30, 1946," NAS Brunswick, Maine. June 30, 1946.

Public Works Department, 1952. "Map of US Naval Air Station, Brunswick, Maine, Showing conditions on June 30, 1952," NAS Brunswick, Maine. June 30, 1952.

Public Works Department, 1956. General Station Map, Enclosure 2. , NAS Brunswick, Maine. 1956.

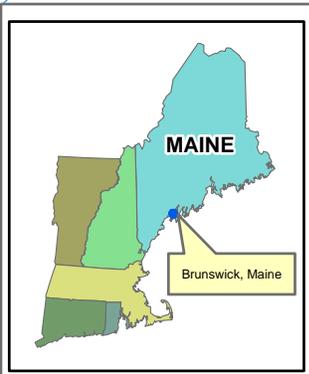
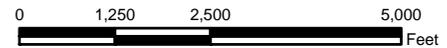
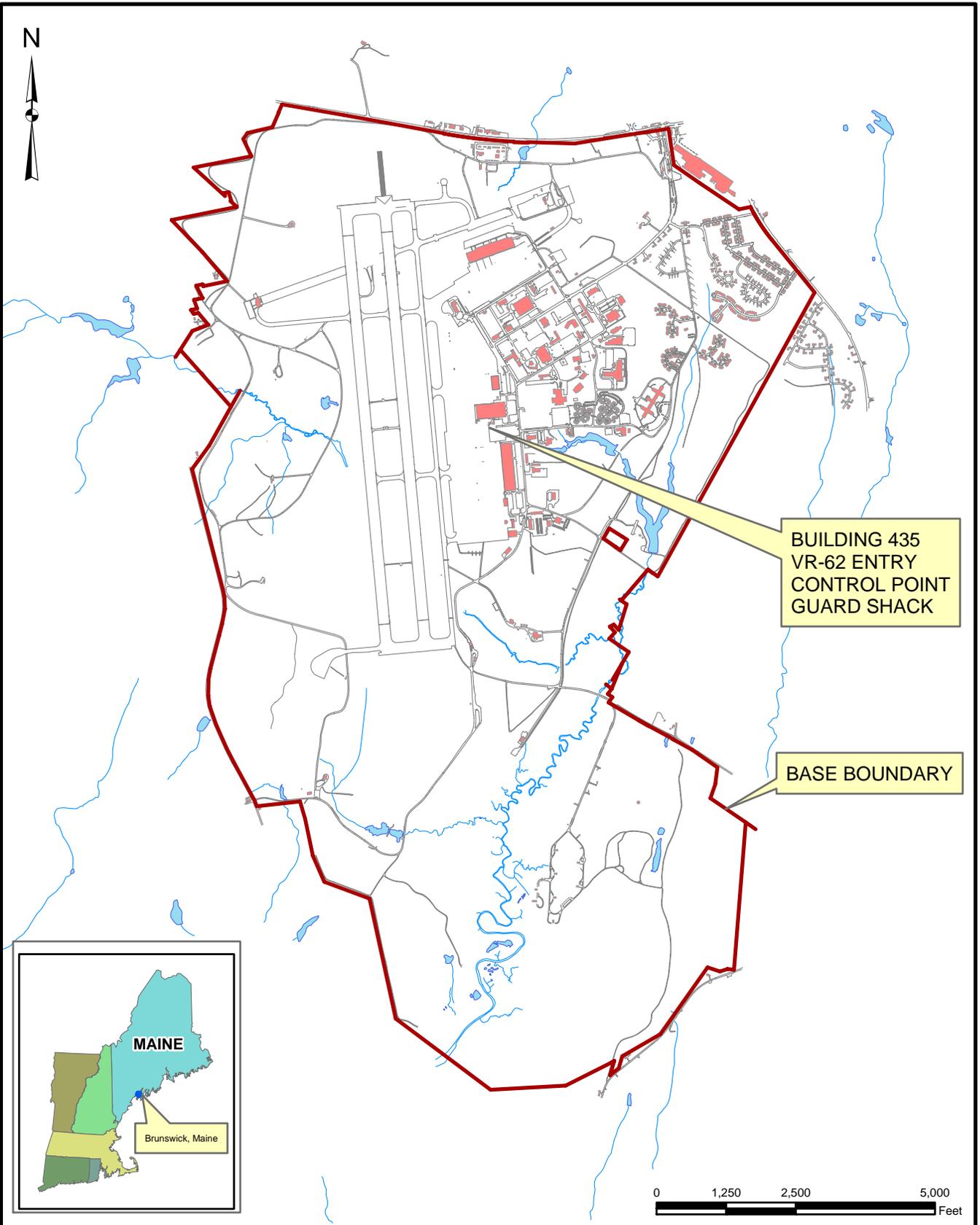
Public Works Department, 1962. "Map of Streets," US Naval Air Station, Brunswick, Maine, NAS Brunswick, Maine. 1962.

Public Works Department, 1983. "Existing Conditions Map. Public Works Department Drawing No. 2157" NAS Brunswick, Maine. May 5, 1983.

Public Works Department, 1989. "Existing Conditions Map. Public Works Department Drawing No. 2157" NAS Brunswick, Maine. Revised April 2, 1989.

Public Works Department, 2006. Brunswick Naval Air Station, NAS Brunswick, Maine. 2006.

Public Works Department. 2010. Transformer Database. NAS Brunswick, Maine. 2010.



Tetra Tech NUS, Inc.

SITE LOCATION MAP
BUILDING 435 - VR-62 ENTRY CONTROL POINT GUARD SHACK
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

SCALE AS NOTED	
FILE I:\NASE_BLDG_435_LOCUS.MXD	
REV 0	DATE 03/10/10
FIGURE NUMBER 1	



Building Corner	Northing	Easting
Northeast	386084.951	3014672.215
Southeast	386073.000	3014673.303
Southwest	386072.456	3014667.327
Northwest	386084.407	3014666.240

Coordinates are in NAD 1983, Maine West, Feet



TETRA TECH NUS, INC.

SITE LOCATION MAP
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SCALE
 AS NOTED

FILE
 \..NASB_BLDG_435_ORTHO.DWG

REV	DATE
0	02/11/10

FIGURE NUMBER
 FIGURE NO. 2

**BUILDING INSPECTION FORM
RCRA PARTIAL CLOSURE PROGRAM
NAS BRUNSWICK
BRUNSWICK, MAINE
CTO WE22**

Inspection Date: 2/9/2010
Personnel: James Forrelli, P.E. / Brandon Smith, P.E.
Weather: Clear, 20s

GENERAL BUILDING INFORMATION / USES	
Building Name:	VR-62 Entry Control Point (ECP) Guard Shack
Function:	Guard Shack
Size:	96 SF
Year of Construction:	2000
<p>Building 435 is located south of Building 648 (AIMD APU shop) and Building 253 (Hangar 4 turnstyle ECP) along the airfield perimeter fence at NAS Brunswick. It was constructed in 2000 and served as a guard shack for it's entire history. Building 435 consists of a 96 square-foot, one story wooden structure on wooden skids.</p> <p>Building 435 was used as a guard shack. Building 435 contains a single room with telephone and electric service.</p> <p>No hazardous waste was generated during the operations in Building 435, according to NASB personnel.</p> <p>Building 435 was heated via electric heat.</p>	
BUILDING INSPECTION / CONDITION	
<p>No record of hazardous waste stored at Building 435.</p> <p>The building was not occupied at the time of the site visit and appeared in fair condition. No evidence of current or past hazardous waste generation activities was observed. No evidence of hazardous waste residues was observed. No signs of a past release (staining, unusual odors, stressed vegetation, etc.) were observed. No modifications to the structure, which may conceal signs of a past release, were observed. No hazardous waste storage areas or hazardous waste accumulation areas were observed. No transformers that could be a potential source of polychlorinated biphenyls (PCBs) contamination in the event of a leak were observed.</p>	
HAZARDOUS WASTE STORED / GENERATED	
<p>No hazardous waste was stored or generated at Building 435, according to NASB personnel.</p>	
POTENTIAL PCB-CONTAINING TRANSFORMERS	
<p>No potential PCB-containing transformers were identified during the site inspection or review of the NASB transformer database.</p>	

APPLICABLE REPORTS / DOCUMENTS

Available historical plans and aerial photos were reviewed for past property uses:

- 1946 plan - Hangar 4 and surrounding buildings not present.
- 1952 plan - Same as 1946
- 1956 plan - Hangar 4 shown, no other surrounding buildings.
- 1958 aerial - Hangar 4 and parking area present, no fenceline around apron.
- 1962 plan - Hangars 4 and 5 shown, no other surrounds buildings.
- 1978 aerial - same as 1958 aerial.
- 1983 plan - Hangar 4 and 5 present, and Building 648 is now present.
- 1984 aerial - Hangar 4 and 5 present, and Building 648 is now present, no airfield fence present.
- 1989 plan - same as 1983 plan.
- 1989 aerial - same as 1984 aerial except airfield fence is visible.
- 1993 aerial - same as 1989 aerial
- 2006 plan - Building 435 is not identified on plan.

No ASTs or USTs were present at Building 435 according to NASB records.

HAZARDOUS WASTE STORAGE RECORDS

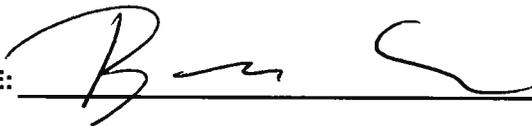
No hazardous waste was historically stored at Building 435, according to NAS Brunswick Hazardous Waste Manager, D. Bruce Smith.

MISCELLANEOUS NOTES

Tetra Tech personnel were accompanied on the inspection by D. Bruce Smith, NAS Brunswick Hazardous Waste Manager.

(SEE ATTACHED BUILDING FLOOR PLAN AND PHOTOGRAPHS)

INSPECTOR SIGNATURE:



Brandon Smith, P.E.

PHOTOGRAPHS



No. 1 Building 435 – NAS Brunswick
Building 435 – VR-62 ECP Guard Shack east exterior.

February 9, 2010



No. 2 Building 435 – NAS Brunswick
Building 435 – VR-62 ECP Guard Shack south exterior.

February 9, 2010