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NAS BRUNSWICK
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FINAL RESOURCE CONSERVATION AND RECOVERY ACT PARTIAL CLOSURE REPORT
FOR BUILDING 660 TRUCK WASH NAS BRUNSWICK ME
3/1/2010
TETRA TECH NUS

RCRA PARTIAL CLOSURE REPORT
for
BUILDING 660 – TRUCK WASH
NAVAL AIR STATION BRUNSWICK, MAINE
USEPA IDENTIFICATION NUMBER ME8170022018
MARCH 2010

1. INTRODUCTION

The purpose of this report is to present the findings and conclusions of the investigation conducted to determine if the Maine Department of Environmental Protection (MEDEP) RCRA or hazardous waste closure requirements have been completed for the Building 660 parcel, at Naval Air Station Brunswick (NAS Brunswick).

2. PROPERTY DESCRIPTION

The Building 660 parcel is located in the north central portion of NAS Brunswick on the new fuel farm access road, east of Pegasus Street (see Figure 1).

Building 660, known as the truck wash, occupies the southern portion of 1.2-acre parcel. It was constructed in 1998 and consists of a 2,016-square foot, single story steel frame building on a concrete slab foundation. Building 660 is heated with a fuel oil-fired furnace. 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 the Building 660 parcel, including past use and operations at those locations.

According to NAS Brunswick Environmental Department personnel, since its construction in 1998, the sole use of Building 660 has been as a truck wash. There is no record of hazardous waste operations at Building 660. Light vehicle maintenance, as well as current storage of generators and generator parts, has also occurred in Building 660.

Records reviewed include: historical aerial photographs; the NAS Brunswick Other Environmental Liabilities (OEL) 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 structures previously located at or near the current Building 660 parcel. The new fuel farm access road was previously a taxiway. The new fuel farm construction to the north is identified in aerial photographs beginning in 1983.

One 500 gallon, No.1 fuel oil, above ground tank (660.0) is present inside the boiler room at Building 660.

A floor drain in the center of Building 660 drains to a 550-gallon capacity concrete chamber oil/water separator (OWS) located to the north of the building.

No groundwater investigations have been conducted in the vicinity of the Building 660 parcel; therefore groundwater characterization information for the parcel is not available. Available information for known groundwater contamination areas at NAS Brunswick was reviewed to

determine if groundwater underlying the Building 660 parcel could potentially be impacted by another (off-parcel) source area.

4. SITE VISIT AND INVESTIGATION

A Building 660 site visit was conducted by Mr. Brandon Smith, P.E., Mr. James Forrelli, P.E., and Ms. Chelsea Fellows-Swenson, of TtNUS on January 22, 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. TtNUS personnel were accompanied by Mr. D. Bruce Smith, the NAS Brunswick Hazardous Waste Manager. The Building 660 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 660 was in very good condition. Truck wash equipment, tools and maintenance supplies, and a utility bucket truck were present inside during the inspection.
- 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.

The available information regarding the historical activities that occurred at the parcel and the location of known NAS Brunswick groundwater contamination areas indicates that there is no evidence to suggest that groundwater underlying the Building 660 parcel has been adversely impacted by a release, either from within the parcel or from another (off-parcel) source area.

Based on the records research findings and site visit observations, it was determined that neither further inspection nor sampling of the Building 660 parcel 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 660.

6. OTHER ENVIRONMENTAL CONSIDERATIONS

No underground storage tanks or above ground storage tanks, except the AST described in Section 3, were observed in the immediate vicinity of Building 660.

7. LIMITATIONS

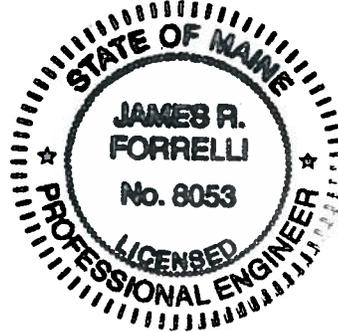
This investigation of the hazardous waste closure requirement applies to the Building 660 parcel (as shown on Figure 2) only.

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 the Building 660 parcel, NAS Brunswick, Maine. Therefore, the hazardous waste closure of the Building 660 parcel 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 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.

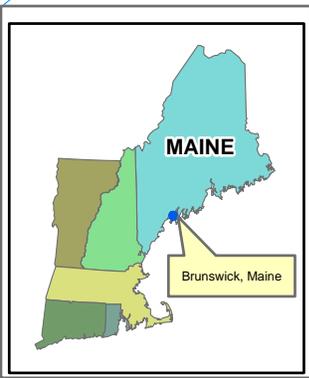
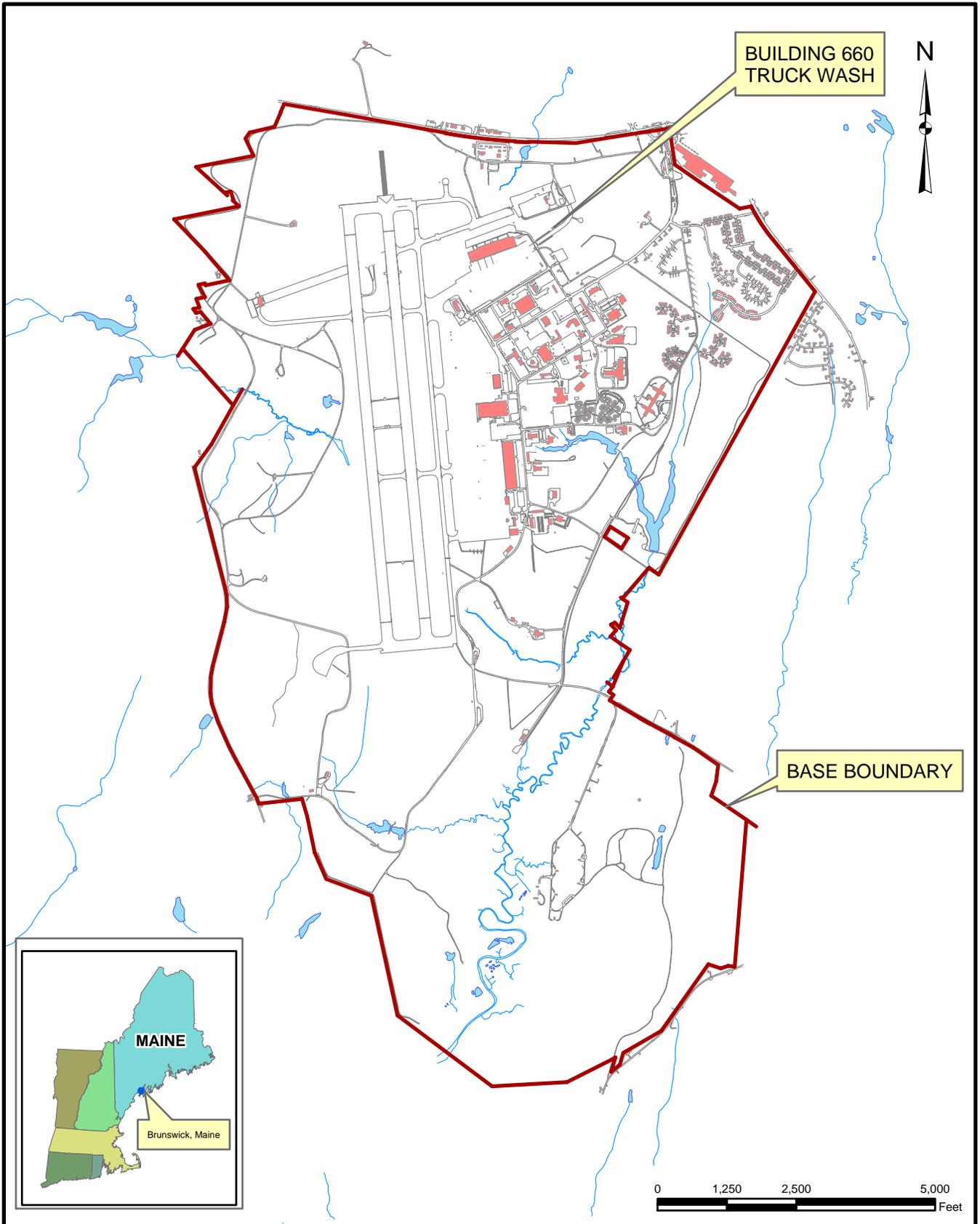
Public Works Department, 1962. "Map of Streets," US Naval Air Station, Brunswick, Maine, NAS Brunswick, Maine. 1962.

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.

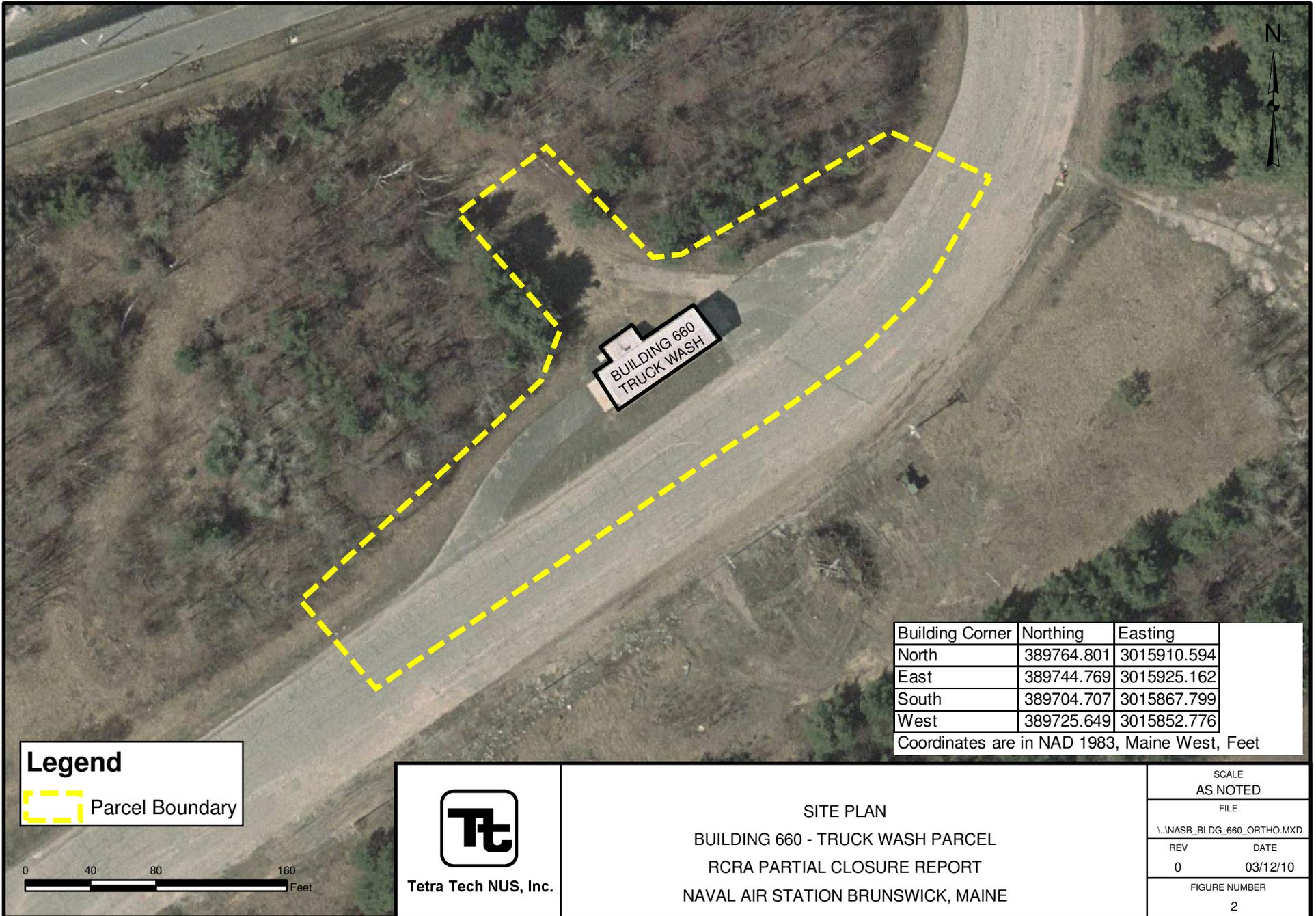
Public Works Department, 2006. Brunswick Naval Air Station, NAS Brunswick, Maine. 2006.

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



SITE LOCATION MAP
 BUILDING 660 - TRUCK WASH
 RCRA PARTIAL CLOSURE REPORT
 NAVAL AIR STATION BRUNSWICK, MAINE

SCALE AS NOTED	
FILE I:\NASB_BLDG_660_LOCUS.MXD	
REV 0	DATE 03/12/10
FIGURE NUMBER 1	



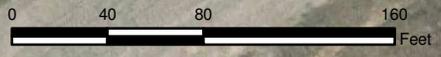
**BUILDING 660
TRUCK WASH**

Building Corner	Northing	Easting
North	389764.801	3015910.594
East	389744.769	3015925.162
South	389704.707	3015867.799
West	389725.649	3015852.776

Coordinates are in NAD 1983, Maine West, Feet

Legend

 Parcel Boundary




Tetra Tech NUS, Inc.

SITE PLAN
BUILDING 660 - TRUCK WASH PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

SCALE AS NOTED	
FILE	
\\.\NASB_BLDG_660_ORTHO.MXD	
REV	DATE
0	03/12/10
FIGURE NUMBER	
2	

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

Inspection Date: 1/22/2010

Personnel: James Forrelli, P.E. / Brandon Smith, P.E. / Chelsea Fellows-Swenson

Weather: Clear, 20s

GENERAL BUILDING INFORMATION / USES

Building Name: Truck Wash
 Function: Manual truck and heavy equipment wash rack
 Size: 2,016 SF
 Year of Construction: 1998

Building 660 is located on new fuel farm access road, west of Pegasus St at NAS Brunswick. It was constructed in 1998 and consists of a single story, steel frame building on a concrete slab foundation.

Building 660 was used as a truck wash for it's entire history. The interior is a single room with associated truck washing equipment and light maintenance. Recently, generators and generator parts had also been stored in Building 660. An external mechanical room contains an oil fired furnace and fuel oil AST.

No hazardous waste was generated during the operations in Building 660, according to NASB personnel.

Building 660 is heated by a fuel oil-fired furnace.

BUILDING INSPECTION / CONDITION

No record of hazardous waste stored at Building 660.

At the time of the site visit, the building was in very good condition. Truck wash equipment, tools, and maintenance supplies were present inside, as well as a utility bucket truck.

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.

HAZARDOUS WASTE STORED / GENERATED

No hazardous waste was stored or generated at Building 660, according to NASB personnel.

POTENTIAL PCB-CONTAINING TRANSFORMERS

No transformers were located in the immediate vicinity of Building 660. Several pole-mounted transformers were observed on the south side of the fuel farm access road behind the temporary project trailers.

APPLICABLE REPORTS / DOCUMENTS

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

1946 plan - Building 660 area identified as taxiway (number is not legible).

1952 plan - Same as 1946 plan

1956 plan - Same as 1952 plan

1958 aerial - Taxiway present no buildings present at location of Building 660.

1962 plan - No buildings present.

1978 aerial - same as 1958 aerial.

1983 plan - New fuel farm and access road present. No buildings at Building 660 location.

1984 aerial - Access road to new fuel farm and construction of fuel farm shown. No buildings present at Building 660 location.

1989 plan - same as 1983 plan.

1989 aerial - same as 1984 aerial.

1993 aerial - New fuel farm complete to the north, no buildings present at Building 660 location.

2006 plan - Building 660 in current location.

No USTs were present at Building 660 according to NASB records.

One 500 gallon #1 fuel oil AST (660.0) is present inside the boiler room at Building 660.

A floor drain in the center of Building 660 drains to an 550 gallon capacity concrete chamber OWS located to the north of the building.

HAZARDOUS WASTE STORAGE RECORDS

No hazardous waste was historically stored at Building 660, 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 PHOTOGRAPHS)

INSPECTOR SIGNATURE:

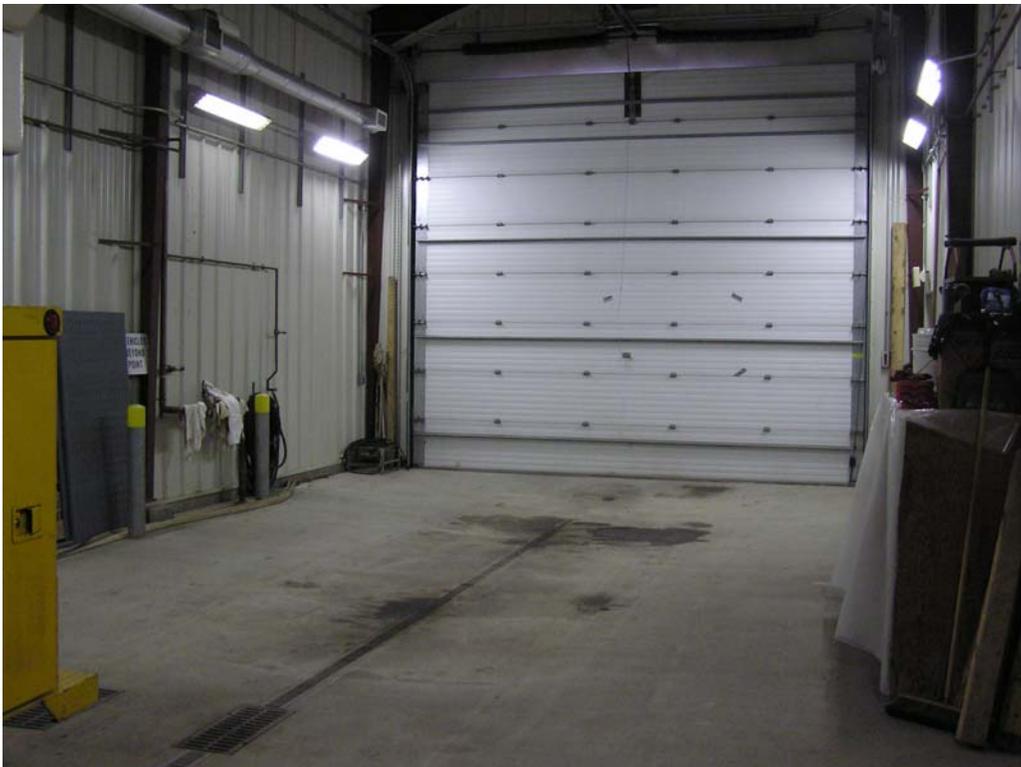


Brandon Smith, P.E.

PHOTOGRAPHS



No. 1 Building 251 – NAS Brunswick January 22, 2010
Building 660 – Truck Wash building exterior.



No. 2 Building 251 – NAS Brunswick January 22, 2010
Building 660 – Truck Wash building interior.