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NAS BRUNSWICK  
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FINAL RESOURCE CONSERVATION AND RECOVERY ACT PARTIAL CLOSURE REPORT  
FOR BUILDING 585 WITH TRANSMITTAL LETTER NAS BRUNSWICK ME  
12/10/2010  
NAS BRUNSWICK

**ENVIRONMENTAL DEPARTMENT  
NAVAL AIR STATION  
437 HUEY DRIVE  
BRUNSWICK, ME 04011**

December 10, 2010

Mr. Edward Vigneault  
Maine Department of Environmental Protection  
Division of Oil and Hazardous Waste Facilities Registration  
17 State House Station  
Augusta, ME 04333-0017

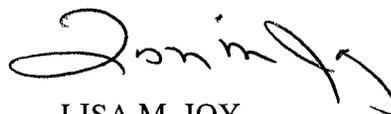
Subj: Final RCRA Partial Closure Report for Building 585

Dear Mr. Vigneault:

A copy of the Final RCRA Partial Closure Report for Building 585 at Naval Air Station Brunswick is provided as Enclosure (1).

If you have any questions, please contact Mr. Mike Fagan at 921-1717 or via e-mail at [michael.fagan1@navy.mil](mailto:michael.fagan1@navy.mil).

Sincerely,



LISA M. JOY  
Environmental Director

Enclosure: (1) Final RCRA Partial Closure Report for Building 585

Copy to:  
NAVFAC Mid-Atlantic (B. Abraham)  
NAS Brunswick (M. Fagan/D. Smith)  
EPA Region I (M. Daly)  
MRRRA (V. Boundy)  
Curtis Memorial Library (L. Oliver)  
Lepage Environmental (C. Lepage)  
BRAC PMO NE (P. Burgio)

**RCRA PARTIAL CLOSURE REPORT**  
**for**  
**BUILDING 585 – CHAPEL**  
**NAVAL AIR STATION BRUNSWICK, MAINE**  
**USEPA IDENTIFICATION NUMBER ME8170022018**  
**DECEMBER 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) Resource Conservation and Recovery Act (RCRA) or hazardous waste closure requirements have been completed for the Building 585 parcel at Naval Air Station Brunswick (NAS Brunswick).

## **2. PROPERTY DESCRIPTION**

The Building 585 parcel is located in the east-central portion of NAS Brunswick and consists of approximately 5.86 acres (Figure 1). Building 585, known as the Chapel, occupies the eastern portion of the parcel, which is bordered along its northeastern boundary by the Building 583 (Bowling Center/Recreation Mall) parcel; along its southeastern boundary by the Building 20 (Navy College Office) and the Building 11 (Navy Exchange Retail Complex) parcels; along its southwestern boundary by Pelican Street and the Building 225/252 (Transportation) parcel and the Building 9 (Ward Room) parcel; and along its northwestern boundary by Fitch Avenue and the Building 102 (Indoor Small Arms Range) parcel, the Building 294 (Warehouse) parcel, and the Building 44 (Inert Ordnance Storage) parcel (Figure 2).

In addition to Building 585 in the eastern portion of the parcel, a large, asphalt-paved parking lot occupies the central portion of the parcel and a large, grass- and tree-covered area occupies the western portion. Two storage sheds (Structures III and JJJ) are located near the southwest corner of Building 585.

The topography of the parcel is relatively flat, the land sloping gradually to the southwest. The difference in elevation between the parcel's northeast and southwest corners is approximately 6 feet.

Building 585 was constructed in 1965 and consists of a 13,610-square-foot, brick-cased, wood-framed structure on a concrete slab-on-grade foundation. The one-story building was used for religious activities and consists of the main chapel, a north wing, and a south wing. A mezzanine level (choir loft) is present at the western end of the building and an interior/cloister courtyard space lies between each wing and the main chapel. In addition to the main chapel, the interior space includes a small chapel, offices, classrooms, fellowship hall, kitchen, lounge, electric room, and storage spaces.

Building 585 is heated by a dual-fired, cast-iron, hot-water boiler with three circulator pumps for hot water distribution to the baseboard heaters. Natural-gas service is provided adjacent to the boiler room (MRRA, 2006). Photographs of the Building 585 exterior and interior are provided in an attachment.

Structure III is a small plastic shed (2 feet x 4 feet x 4 feet high) on a wooden pallet, and Structure JJJ is a wooden storage shed (8 feet x 10 feet x 8 feet high) on a concrete slab. The installation date of the sheds is not known.

## **3. PROPERTY HISTORY AND RECORDS RESEARCH**

The Tetra Tech NUS, Inc. (Tetra Tech) 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 585 parcel, including past use and operations at that location.

Records reviewed include historical aerial photographs, the NAS Brunswick Other Environmental Liabilities (OEL) Database, area-specific reports, facility plans and drawings, and hazardous waste records. Aerial photographs dated 1953, 1958, 1978, 1981, 1984, 1989, 1993 and 1997 (Sewall, 1953, 1958, 1978, 1981, 1984, 1989, 1993 and 1997) were reviewed. Public Works Department (PWD) site base maps dated 1943, 1946, 1952, 1956, 1975, 1979, 1983, 1989, and 2006 (PWD, 1943, 1946, 1952, 1956, 1975, 1979, 1983, 1989, and 2006) and site building lists for 1950, 1965, 1966, 1976, and 2006 (PWD, 1950, 1965, 1966, 1976, and 2006) were also reviewed.

The following observations were noted during review of the historical records listed above:

- The 1943 through 1958 historical maps and aerial photographs show a “Building 47” in the current location of Building 585. Building 47 was also a chapel, but with a smaller building footprint of a different shape. (Note that building identification number 47 was later reassigned to the current Fitness Center Storage, located south of the Old Navy Fuel Farm [ONFF].) Two other buildings were also present on the Building 585 parcel: the 1943 map shows Building 34, the Armory (Marine Guard Shack), was located at the eastern end of the parcel, and Building 4, the Administration Building and Post Office, was located at the western end of the parcel. A 1950 list of spaces “available for lease” names Building 34 as the “Post Office” and Building 4 as “Administration.” The 1956 map indicates that the function of Building 34 changed again, as it was listed as the “Library and Thrift Shop”. (Note that building identification number 34 was later reassigned to the current Golf Cart Shed, located at the golf course.)
- The 1958 aerial photograph indicates that the open area to the west of the former Chapel (at that time identified as Building 47) and east of the former Administration Building (Building 4) had been paved and converted to a parking lot. The photograph also indicates this open area had been previously identified as the “Parade Flagstaff Grounds”.
- The 1965 building list indicates that Building 47 (former Chapel) had been demolished and that Building 585 (Chapel) had been added. Additionally, Building 4 was renamed the Station Administration Building and Building 34 was now called “Navy Relief and Chaplain’s Office”, indicating that its use may have changed again.
- The 1966 building list showed another name change for Building 34, which became the Navy Exchange Office, and continued in that capacity for a period of time, as indicated by the 1976 building list.
- The 1975 through 1989 historical maps and aerial photographs show that Building 47 (former Chapel) was replaced with Building 585 (a larger Chapel with the current building footprint). Buildings 4 and 34 were also present through the 1989 photograph, however Building 34 had been demolished prior to the 1989 map.
- Two buildings, 585 and 4, occupied the parcel from 1989 until 2000, when Building 4 was demolished, as indicated in the 1989 aerial photograph and in the 2006 building/facilities disposal lists.
- The 2006 map, as well as the current aerial view of the parcel as shown on the “Google” internet search engine confirm that Building 585 is the only remaining building on the parcel (other than Structures III and JJJ).

There is no record of hazardous waste generation or accumulation at Building 585. A summary of information obtained from additional reviewed records is provided below.

The NAS Brunswick transformer database indicates that one transformer currently exists on the Building 585 parcel, and that it serviced former Buildings 4 and 34, as well as existing Building 585. The database indicates that the transformer also had serviced a former Building 12 that had been located directly across Fitch Avenue (PWD, 2009). (During the site visit, one transformer was observed on the northern side of the asphalt parking lot, as discussed below in Section 4.)

According to the transformer database, the transformer is a non-polychlorinated biphenyls (PCB), pad-mounted transformer rated at 300 kVA, and was manufactured in 1985 by RTE (Rural Transformer & Electric), with serial number 856002083. The first two digits of the serial number indicate that it was manufactured in 1985; therefore, it is unlikely to contain PCBs. As of July 1, 1979, the United States Environmental Protection Agency (EPA) prohibited all manufacturing of new PCB electrical equipment (transformers and capacitors). In addition, according to an electrical utility guide for identifying non-PCB transformers, all RTE transformers are non-PCB-containing (DTM, 2006).

According to the NAS Brunswick Master/Historical Aboveground and Underground Storage Tank Inventory, one inactive 1,000-gallon aboveground storage tank (AST) that previously stored No. 1 heating oil is currently located at the Building 585 parcel. This AST was installed in 1999 and was closed on April 10, 2009 (Environmental Department, 2009). A former 25-gallon diesel AST ("day tank") that was associated with a generator at the former Building 4 (Administration) was listed as removed in 2002. No other ASTs were identified.

The NAS Brunswick Master/Historical Aboveground and Underground Storage Tank Inventory does not list any underground storage tanks (USTs) for the Building 585 parcel (Environmental Department, 2009).

In the NAS Brunswick and MEDEP spill records, no releases were identified for the Building 585 parcel (MEDEP, 2010).

The NAS Brunswick Revised Oil/Water Separator List indicates that no oil/water separators (OWS) are located within the Building 585 parcel (PWD, 2008b).

No septic systems were identified within this parcel, which has historically been (and is currently being) served by the base-wide sanitary sewer system (Navy, 2006).

No groundwater investigations have been conducted at the Building 585 parcel; therefore, groundwater characterization information for the parcel is not available. Information on known NAS Brunswick groundwater contamination areas was reviewed to determine if groundwater under the Building 585 parcel could potentially be impacted by another (off-parcel) source. Installation Restoration Program (IRP) Site 17 (Former Pesticide Shop, Building 95) and the Old Navy Fuel Farm (ONFF) Site are approximately 700 to 900 feet northeast of the Building 585 parcel. Information available from studies relating to these two IRP sites is presented below.

According to information available from groundwater sampling conducted in relation to Site 17, several compounds were detected in groundwater at concentrations exceeding applicable criteria: two pesticide compounds at one monitoring well location and diesel-range organics (DRO) at several well locations. According to Site 17 information, groundwater flows from that location towards the southeast (Tetra Tech, 2009) and is therefore unlikely to impact groundwater underlying the Building 585 parcel, which is located to the southwest of Site 17.

The ONFF was decommissioned in 1993 and remediated in 2000. The April and October 2008 monitoring results for the ONFF site indicate that groundwater flows from the ONFF to the southeast, across Fitch Avenue (ESI, 2009). Therefore, potentially-impacted groundwater flowing

from the ONFF site source is unlikely to impact groundwater underlying the Building 585 parcel, which is located to the southwest of the ONFF (ESI, 2009).

#### 4. SITE VISIT AND INVESTIGATION

Site visits were conducted on November 10, 2010 by Brian Geringer and Brandon Smith, P.E., of Tetra Tech, and on November 23, 2010 by James Forrelli, P.E., Brian Geringer, and Donna Straker of Tetra Tech. The purpose of the visits was to verify information gathered during the records search and to collect additional information as necessary to prepare this RCRA Partial Closure Report. Tetra Tech personnel were accompanied by Mr. D. Bruce Smith, the NAS Brunswick Hazardous Waste Manager, during both site visits. The Building 585 parcel was visually inspected for signs of hazardous waste generation or storage activity. Photographs taken during the site visits are provided in an attachment. Site visit observations, recorded on the attached Building Inspection Form <sup>(1)</sup>, are summarized below:

- The building appeared in good condition at the time of the site visit and contained furniture, books, electronics, and other church-related implements.
- No evidence of current or past hazardous waste generation was observed.
- No evidence of current or past hazardous materials use was observed.
- No evidence of hazardous waste residues or storage was observed.
- No signs of a past release (staining, unusual odors, stressed vegetation, etc.) nor structural modifications that could conceal signs of a past release were observed.
- One concrete-pad-mounted transformer was identified in the north-central portion of the parcel, at the northern edge of the parking lot. No staining or other evidence of a release from this transformer was observed.
- One closed 1,000-gallon AST was identified at the southeast corner of Building 585. The date of closure listed on the tank was April 15, 2009 (the NAS Brunswick AST/UST database listed the closure date as April 10, 2009). The tank appeared to be in good condition and no evidence of a past leak from this AST was observed.
- Vinyl floor-tiles were observed throughout most of the building and appeared to be in good condition, with the exception of damaged tiles observed in the electric room. The exposed vinyl tiling, along with the underlying 9-inch by 9-inch floor tiling is potentially-asbestos-containing material (PACM), along with the tile mastic. The tile mastic was not observed.
- No paint chips or loose or peeling paint conditions were observed.
- Two storage sheds were located at the southwest corner of Building 585: Structure III, a small plastic storage shed, was empty; Structure JJJ, the larger wooden shed, contained a lawn mower, snow blower, pressure washer, and other lawn-care equipment.
- Three catch-basins were observed within the parcel: one in the grass-covered area located south of the two storage sheds, one in the southeast corner of the parking lot, and one in the courtyard.

Based on the records research and site visit observations, the following conclusions were made regarding the potential for hazardous waste residues to be present at the Building 585 parcel.

Former Building 4, demolished in 2000, served as an Administration Building for its entire service timeframe, and NAS Brunswick personnel indicated that the functions performed in that building were strictly administrative. The spaces within former Building 4 included the base commander's office; safety office, the Morale, Welfare, and Recreation (MWR) office, a post office, and the printing department. With the exception of universal waste, it is unlikely that the office and administrative activities that occurred at Building 4 would have generated hazardous waste. Therefore, the location of the former building was not targeted for further investigation.

The location of former Building 34 is immediately northeast of the current Building 585. Building 34, removed in 1989, had multiple uses, including that of an armory prior to 1950. Small-arms

cleaning and maintenance activities that possibly occurred at the former building may have resulted in residue lead-contaminated dust. It is likely that possible modifications during its use transitions, along with demolition and removal of the building, would have removed any potential residues that may have existed related to the former armory. Therefore, the location of the former Building 34 was not targeted for further investigation.

Former Building 47, demolished in 2000, served as a chapel for its entire service timeframe. With the exception of universal waste, it is unlikely that activities previously conducted at Building 47 would have generated hazardous waste. The location of this former building is within the footprint of the current Building 585. This location would have been significantly re-worked during Building 585 construction activities, and any residues related to the former building would be very difficult to locate and identify. Therefore, the site of the former building was not targeted for further investigation.

Building 585 served as a chapel for its entire service timeframe, and with the exception of universal waste, no hazardous waste was generated there. Therefore, Building 585 was not targeted for further investigation.

Based on the age of the former buildings that were previously serviced by a transformer located where the present transformer is, it is possible that a PCB-containing-transformer had previously been present at the existing transformer pad. Therefore, soil sampling was conducted to evaluate if there may have been a past release in this area. On November 23, 2010, hand-augers were used to collect soil samples from each of the four sides of the transformer pad (Figure 2). At each of the four sample locations, two soil samples were collected, one from the 0- to 6-inches below ground surface (bgs) interval, and one from the 6- to 24-inches bgs depth interval.

The soil samples were submitted for PCB analysis by Tetra Tech's subcontracted laboratory, Analytics Environmental Laboratory (Analytics), Portsmouth, New Hampshire. A limited data validation that consisted of blank contamination evaluation and completeness evaluation was conducted on the analytical results. As presented in Table 1, PCBs were not detected in any of the soil samples.

Based on the available information regarding historical activities at the Building 585 parcel, there is no evidence that groundwater underlying the parcel has been adversely impacted by any release from within the parcel.

Based on the records research findings, site visit observations, and sampling results, it was determined that neither further inspection nor additional sampling at the Building 585 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, sampling results, and NAS Brunswick Environmental Department personnel interviews, with the exception of universal waste, no hazardous waste generation, accumulation, or storage activity was conducted at Building 585, and it is very unlikely that such activity was conducted at former Buildings 4 and 47. It is possible that small quantities of lead-contaminated dust associated with the cleaning and maintenance of small arms may have been generated at the former Building 34 (while it was an armory, prior to 1950). It is uncertain exactly how long the space was used as an armory, but subsequent multi-purpose use of Building 34 as an administrative building, coupled with its demolition and removal from the parcel, suggests that potential residual contamination that may have been associated with the former Building 34 would have been removed.

## 6. OTHER ENVIRONMENTAL CONSIDERATIONS

With the exception of the closed AST and the removed AST and the transformer that were discussed in Section 3 and/or Section 4, there are no other USTs, ASTs, or transformers known to be associated with the Building 585 parcel.

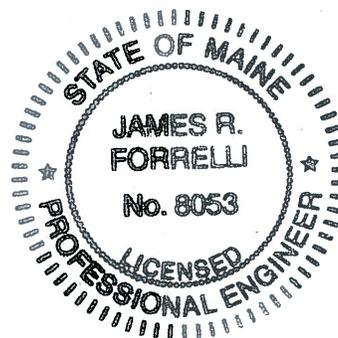
## 7. LIMITATIONS

This investigation of the hazardous waste closure requirement applies to the Building 585 parcel (as shown on Figure 2) only.

## 8. CERTIFICATION

Based on the findings of this investigation, there is no record or evidence of hazardous waste generation, accumulation, or storage at the Building 585 parcel, NAS Brunswick, Maine. Therefore, the hazardous waste closure of the Building 585 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.



<sup>(1)</sup> 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

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Environmental Department, 2009. Master/Historical Aboveground and Underground Storage Tank Inventory. NAS Brunswick, Maine. February.

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PWD, 2009. Master Transformer Database. NAS Brunswick, Maine. June 24.

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

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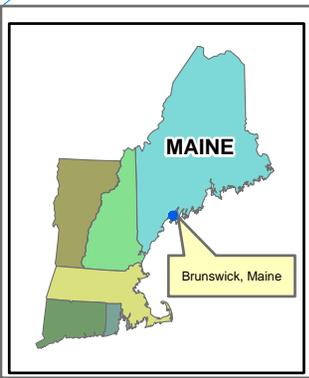
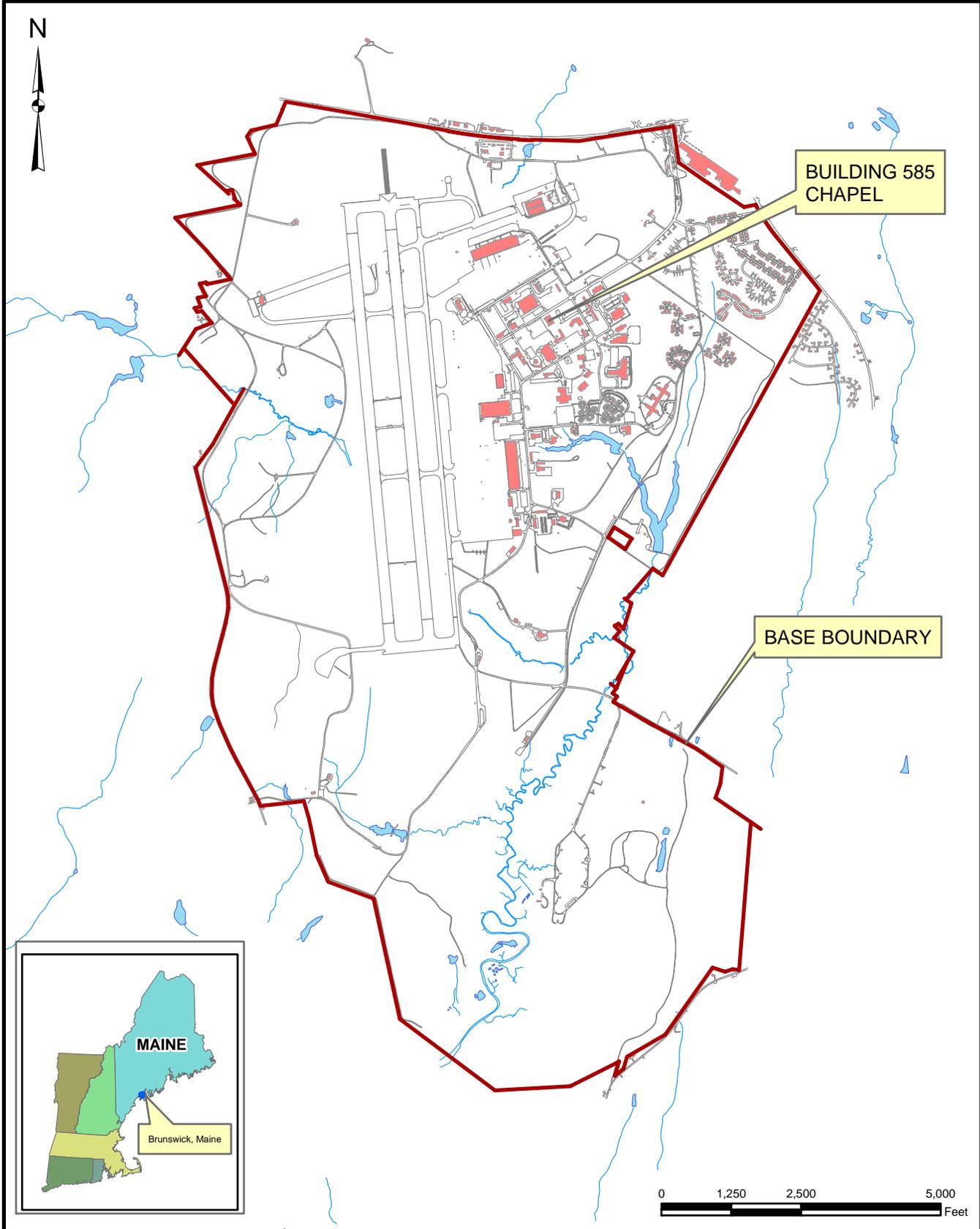
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**TABLE 1**  
**SOIL SAMPLE PCB RESULTS**  
**RCRA PARTIAL CLOSURE REPORT**  
**BUILDING 585 – CHAPEL**  
**NAVAL AIR STATION BRUNSWICK, MAINE**

SAMPLE ID <sup>(1)</sup>	EPA RSLs <sup>(2)</sup> (µg/kg)	B585- SB01-0006	B585- SB01-0624	B585- SB01-0624 (duplicate)	B585- SB02-0006	B585- SB02-0624	B585- SB03-0006	B585- SB03-0624	B585- SB04-0006	B585- SB04-0624
LOCATION		south side transformer pad	south side transformer pad	south side transformer pad	east side transformer pad	east side transformer pad	north side transformer pad	north side transformer pad	west side transformer pad	west side transformer pad
MATRIX		soil	soil	soil	soil	soil	soil	soil	soil	soil
DEPTH		0-6 inches bgs	6-24 inches bgs	6-24 inches bgs	0-6 inches bgs	6-24 inches bgs	0-6 inches bgs	6-24 inches bgs	0-6 inches bgs	6-24 inches bgs
SAMPLE DATE		11/23/10	11/23/10	11/23/10	11/23/10	11/23/10	11/23/10	11/23/10	11/23/10	11/23/10
PCB (µg/kg)										
Aroclor-1016	3,900	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Aroclor-1221	140	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Aroclor-1232	140	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Aroclor-1242	220	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Aroclor-1248	220	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Aroclor-1254	220	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Aroclor-1260	220	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U
Total PCB <sup>(3)</sup>	1,000	18 U	16.5 U	16.5 U	18 U	16.5 U	18 U	18 U	20 U	18 U

## Notes:

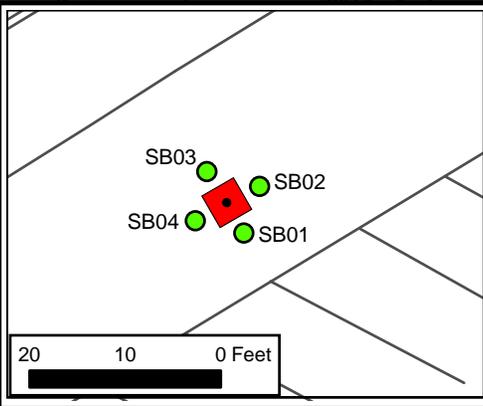
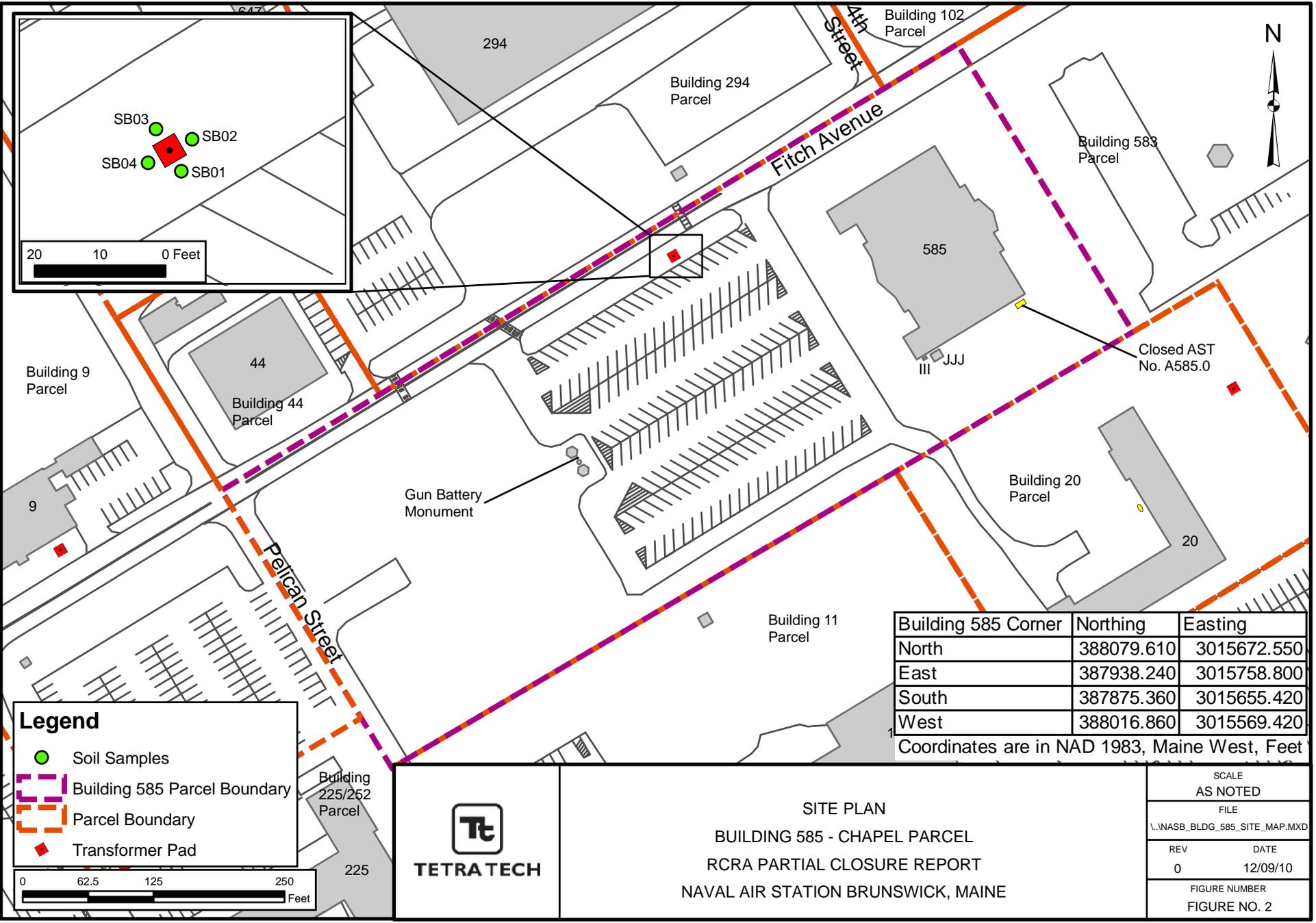
- (1) Sample prefix "NASB" is not shown  
(2) EPA Regional Screening Levels [RSLs] for residential soil provided for informational purposes only  
(3) MEDEP action limit for PCB spill (1 milligram per kilogram)  
bgs below ground surface  
µg/kg micrograms per kilogram  
U not detected (with associated detection limit)  
PCB polychlorinated biphenyl



Tetra Tech NUS, Inc.

**SITE LOCATION MAP**  
**BUILDING 585 - CHAPEL PARCEL**  
**RCRA PARTIAL CLOSURE REPORT**  
**NAVAL AIR STATION BRUNSWICK, MAINE**

SCALE AS NOTED	
FILE	
I:\NASB_BLDG_585_LOCUS.MXD	
REV	DATE
0	12/09/10
FIGURE NUMBER	
1	

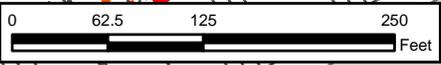


Building 585 Corner	Northing	Easting
North	388079.610	3015672.550
East	387938.240	3015758.800
South	387875.360	3015655.420
West	388016.860	3015569.420

Coordinates are in NAD 1983, Maine West, Feet

**Legend**

- Soil Samples
- Building 585 Parcel Boundary
- Parcel Boundary
- ◆ Transformer Pad



**SITE PLAN**  
**BUILDING 585 - CHAPEL PARCEL**  
**RCRA PARTIAL CLOSURE REPORT**  
**NAVAL AIR STATION BRUNSWICK, MAINE**

SCALE AS NOTED	
FILE I:\NASB_BLDG_585_SITE_MAP.MXD	
REV 0	DATE 12/09/10
FIGURE NUMBER FIGURE NO. 2	

**HWSA INSPECTION REPORT  
HAZARDOUS WASTE STORAGE AREAS CLOSURE  
NAS BRUNSWICK  
BRUNSWICK, MAINE  
CTO WE22**

**Inspection Date:** 11/10/10

**Personnel:** Brian Geringer / Brandon Smith

**Weather:** Partly Cloudy/ windy

**GENERAL BUILDING INFORMATION / USES**

Building Name: Chapel

Function:

Size: 13,610 SF

Year of Construction: 1965

- Brick exterior slab on grade foundation
- Sheetrock interior walls/wood paneling
- Terracotta/ 12x12 / carpet floor / 9x9 floor tiles
- Fluorescent Lights
- Base board hot water heat

**HWSA INSPECTION / CONDITION**

The South Wing of the building consists of offices, a lounge, a catholic chapel, and the Vestry room where the electronics for the sound system is located. The floor of the main chapel is carpeted. On the mezzanine area of this wing, there is a supply room that contained paper, spray paint, and a television.

The North Wing of the building is used for Day Care and Sunday School. It consists mainly of tiled classroom (s), a function room, and the electric room. At the time of inspection, cleaning supplies were stored under the sink in the kitchen of the function room and in a nearby storage closet tiled with 9x9 floor tiles. Block floor drains were observed in the storage closet. With the exception of damaged floor tiles in the electric room, the building appeared to be in good condition.

Two additional structures were located on the parcel, to the south west corner of the Chapel building. Structure III, a small plastic storage shed was empty. Structure JJJ was a wooden storage shed and appeared to be in good condition also.

A closed fuel oil above-ground storage tank (AST) was observed near the southeast corner of the Chapel building and three catch basins were identified within the parcel. One catch basin is located in the grass to the south of structures III and JJJ, another is in the southeast corner of the western parking area, and the third is in the courtyard to the west. A copper pipe (probably a water line) protruding from the east end of the Chapel building was also noticed.

No hazardous waste storage areas or hazardous waste accumulation areas were observed.

**POTENTIAL PCB-CONTAINING TRANSFORMERS**

One pad-mounted transformer was observed to the north of the parking lot on this parcel. There was no staining or any visible evidence of a release in this area.

**APPLICABLE REPORTS / DOCUMENTS**

Available historical aerial photos and base maps were reviewed for past uses:  
1943 map – Building 47 (Chapel) with a different footprint, shown in current location of Building 585. Two other buildings located within parcel - Building 4 (Administration Building and Post Office) was located at west end of current parking lot (shown as Parade Flagstaff Grounds) and Building 34 (Armory /Marine Guard House) was located to the east of the former Chapel building 47. Avenue C (current Fitch Ave) to the north and Avenue D to the south are parallel to each other along the entire parcel length.  
1946 map – Same as 1943 map.  
1950 building list of spaces available for lease lists Buildings 4 (Administration) and 34 (Post Office)  
1952 map – Same as 1943 map.  
1953 aerial – All three buildings (47, 4 and 34) still present. No parking lot.  
1956 map – Same as 1943 map and similar to 1953 aerial. Bldg 34 is listed as “Library and Thrift Shop.”  
1958 aerial – All three buildings (47, 4 and 34) still present. Parking lot between Buildings 4 and 47.  
1965 building list – Buildings 585 Chapel, Building 4 Station Administration, and Building 34 Navy Relief and Chaplain’s Office  
1966 building list – Building 34 renamed to “Navy Exchange Office.”  
1975 map – Building 47 replaced with building 585 – same location, but different (current) footprint  
1976 building list – Same as 1966 Building List  
1978 map – Only Building 4 is visible.  
1978 aerial – Building 47 replaced with Building 585 – same location, but different (current) footprint.  
1979 map – All three buildings (585, 4 and 34) are still present.  
1981 aerial – Same as 1978 aerial.  
1983 map – Same as 1979 map.  
1984 and 1989 aerials – Same as 1978 aerial.  
1989 map – Only Buildings 585 and 4 are present.  
1993 aerial – Two buildings (585 and 4) are present.  
1997 aerial – Same as 1993 aerial.  
2006 building list/facilities disposal list – Building 585, Chapel is listed. Building 4 Administration building is listed as disposed in 2000, with that portion of the site to remain vacant.  
2006 map – Building 585 is the only building remaining on the parcel of land.  
Current Google aerial – Current site configuration.

According to NASB records a 1,000-gallon closed steel AST, number A 585.0, is located on the Building 585 parcel, and was closed April 10, 2009. The date on the closeout tag attached to the actual tank shows the date of closure as April 15, 2009. This AST was reported to have been used for the storage of #1 fuel oil for facility heating.

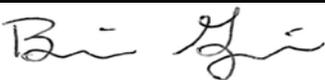
No underground storage tanks (USTs), or oil-water separators (OWS) were registered to Building 20.

**HAZARDOUS WASTE STORAGE RECORDS**

No hazardous waste was historically stored at Building 20 according to NAS Brunswick Hazardous Waste Manager, D. Bruce Smith.

**MISCELLANEOUS NOTES**

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

**INSPECTOR SIGNATURE:**  \_\_\_\_\_

**PHOTOGRAPHS**



No. 1 Building 585 – Chapel Parcel, NAS Brunswick November 10, 2010  
Chapel west elevation (front entrance and mezzanine area, view from parking lot)



No. 2 Building 585 – Chapel Parcel, NAS Brunswick November 10, 2010  
Chapel east elevation (east portion of parcel, view from north)



No. 3 Building 585 – Chapel Parcel, NAS Brunswick  
Chapel parking lot (view from east)

November 10, 2010



No. 4 Building 585 – Chapel Parcel, NAS Brunswick  
Chapel interior (main chapel facing towards the west)

November 10, 2010



No. 5 Building 585 – Chapel Parcel, NAS Brunswick  
Transformer located north of Building 585 parking lot (view northeast)

November 23, 2010



No. 6 Building 585 – Chapel Parcel, NAS Brunswick  
Building 585 closed AST (No. A 585.0), with storage shed Structures III and JJJ in background

November 10, 2010



No. 7 Building 585 – Chapel Parcel, NAS Brunswick November 10, 2010  
Storage sheds III and JJJ located near the southwest corner of Building 585



No. 8 Building 585 – Chapel Parcel, NAS Brunswick November 23, 2010  
Structure JJJ interior



No. 9 Building 585 – Chapel Parcel, NAS Brunswick November 23, 2010  
Structure III interior with maintenance equipment and empty flammables storage cabinet