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NAS BRUNSWICK
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FINAL RESOURCE CONSERVATION AND RECOVERY ACT PARTIAL CLOSURE REPORT
FOR BUILDINGS 27 AND 30 WITH TRANSMITTAL LETTER NAS BRUNSWICK ME
7/30/2010
NAS BRUNSWICK

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

July 30, 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 Buildings 27 and 30

Dear Mr. Vigneault:

A copy of the Final RCRA Partial Closure Report for Buildings 27 and 30 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.

Sincerely,



For LISA M. JOY
Environmental Director

Enclosure: (1) Final RCRA Partial Closure Report for Buildings 27 and 30

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

RCRA PARTIAL CLOSURE REPORT
for
BUILDINGS 27 AND 30 – FAMILY SERVICES CENTER (FSC) PARCEL
NAVAL AIR STATION BRUNSWICK, MAINE
USEPA IDENTIFICATION NUMBER ME8170022018
JULY 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 Buildings 27 and 30 parcel at Naval Air Station Brunswick (NAS Brunswick).

2. PROPERTY DESCRIPTION

The Buildings 27 and 30 parcel is located in the north-central portion of NAS Brunswick (Figure 1). The approximately 3.5-acre parcel is bordered to the north by Burbank Avenue and the NEX Service Station (Building 538) and NEX Retail Store (Building 11) area; to the east by Third Street and Building 23, a former car wash; to the southeast by Building 211, the physical fitness facility; to the south by Avenue F and a grass-covered area, which was the location of former barracks (former Buildings 212 through 220); and to the west by the intersection of Orion Street and Burbank Avenue (Figure 2). Site 9, the Neptune Drive Disposal Site, an approximately 20-acre, former incinerator and ash landfill/dump area is located south of the parcel and encompasses the former barracks area.

The parcel contains Building 27, known as the Family Services Center (FSC); Building 30, the FSC storage building; a smoking area shelter (Structure LLL); adjacent grass-covered areas; and an asphalt-paved parking lot which is located within the footprint of the truncated Avenue F, south of the buildings. The Buildings 27 and 30 parcel surface topography is relatively flat. The land slopes gradually to the south toward the former location of Buildings 212 through 220. The difference in elevation between the northern portion of the parcel along Burbank Avenue and the southern portion of the parcel along Avenue F is approximately 5 feet.

Building 27

Building 27, located in the central portion of the parcel, was constructed in 1984 and consists of a 7,862 square-foot, one-story structure on a concrete slab foundation, constructed with an earthen berm against the building's northern wall. A building floor plan is provided on Figure 3. The building served as a military family services facility containing office, counseling, computer, classroom, conference, and library spaces. The FSC provided individual and family counseling and military-separation counseling to military service personnel. Building 27 is currently heated by a natural-gas boiler. A closed aboveground storage tank (AST) is located on the eastern side of Building 27, adjacent to the current boiler room. Photographs of the Building 27 exterior and interior are provided in an attachment.

Building 30

Building 30 is located immediately east of Building 27, as shown on Figures 2 and 3. The building was constructed in 1995 and consists of a 512-square-foot, one-story structure on a concrete slab foundation. This two-room building served as the FSC storage facility: the easternmost room was used to store household items/materials that were temporarily loaned to military families; the room on the west side of the building was used to store office supplies.

Structure LLL, a designated smoking area shelter located to the west of Building 27, consists of a 48-square-foot, one-story, wooden structure mounted on concrete blocks. Its construction date is unknown.

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 Buildings 27 and 30 parcel, including past use and operations at that location.

According to NAS Brunswick Environmental Department personnel, since its construction in 1984, the sole use of Building 27 has been as a family services center. Additionally, the sole use of Building 30 has been as the FSC storage facility, since its construction in 1995.

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 1953, 1958, 1978, 1981, 1984, 1989, 1993, and 1997 (all produced by James W. Sewall Company) were reviewed, along with Public Works Department site base maps dated 1943, 1946, 1952, 1956, 1962, 1975, 1983, 1989, and 2006, and site building lists dated 1965 and 1976, to provide historical information.

According to NAS Brunswick personnel, with the exception of universal waste, no hazardous waste was generated during the operation of Buildings 27 and 30. Accumulated universal wastes, including toner cartridges, batteries, and partially-used aerosol paint cans were temporarily stored in the metal "flammables" cabinet, labeled "Hazardous Materials", and located in the office supply storage area of Building 30.

Building 27 is visible on the 2006 site plan (Public Works Department, 2006); however, Building 30 is not shown.

Between 1943 and approximately 1978, five former buildings were located on the Buildings 27 and 30 parcel. These buildings are identified from west to east as: Building 96 (Squadron, Stor), Building T-201 (Storehouse), Building 45 (Storehouse, Inert), Building 97 (Storehouse), and Building T-202 (Storehouse) (NAVFAC, Northeast Division, 1976). (Note that the building identification number "45" was later reassigned to the present Hazardous Waste Storage Facility, located at the intersection of Orion Street and Seahawk Avenue. Review of available NAS Brunswick records has not revealed any information regarding the use of the former buildings as anything other than storage. Based on the aerial photographs and the known use of the buildings in the area within the 1940s to 1970s timeframe, the usage of the five former buildings is presumed to be non-industrial. Starting with the 1978 aerial photograph, the buildings are no longer present and the parcel is vacant. Seven trailers are present in the 1981 aerial photograph; these trailers may have been used as a staging area for neighboring construction projects. Building 27 and the parking lot occupying the southern portion of the parcel along Avenue F is present in the 1984 aerial photograph.

According to the NAS Brunswick transformer database, one non-polychlorinated-biphenyl (non-PCB)-containing transformer, containing mineral oil as a dielectric fluid, is associated with the Buildings 27 and 30 parcel (Public Works Department [PWD], 2009).

The Initial Assessment Study (IAS) prepared in 1983 by the Naval Energy and Environmental Support Activity (NEESA) lists NAS Brunswick PCB-containing transformers. The former Buildings 45, 96, 97, T-201 and T-202 were not listed as locations with a PCB-containing transformer (NEESA, 1983). In addition, based on available documentation and discussions with NAS Brunswick Environmental Department personnel, there have not been any documented leaks or releases from any transformers in past use at the Buildings 27 and 30 parcel.

No underground storage tanks (USTs) have been utilized at the Buildings 27 and 30 parcel, according to NAS Brunswick records. One 1,000-gallon AST that stored No. 1 heating oil was installed in 1999 and was closed on April 14, 2009 (Environmental Department, 2009). The closed AST is located immediately east of Building 27 and appears to be in good condition. In the NAS Brunswick and MEDEP spill records, no releases were identified for the Buildings 27 and 30 parcel (MEDEP, 2010).

Information concerning soils and groundwater underlying the parcel is available in documents related to the investigation and remediation of a gasoline product release from the upgradient NEX Service Station (Building 538) Petroleum-Oil-Lubricants (POL) site. The NEX Service Station, constructed in 1957, operated until 2009, when the service island/dispenser area, gasoline pumps, and gasoline USTs were removed. A listing of the USTs and ASTs in service during the NEX Service Station operation is provided in the Building 538 Parcel Partial RCRA Closure Report (Tetra Tech, 2010).

According to the 2004 corrective action plan for the NEX Service Station Site, prepared by EA Engineering, Science, and Technology, Inc. (EA), historical groundwater surface contour data have shown a prominent groundwater flow pattern to the southwest, across the NEX Service Station POL (Building 538) site, toward the Buildings 27 and 30 parcel. The depth to groundwater at the site in June 2003 ranged from approximately 3.05 feet below ground surface (bgs) to approximately 8.05 feet bgs. Historically, seasonal fluctuations of the water table of up to several feet are common at the NEX Service Station, and the shallow groundwater table typically exhibits a shallow hydraulic gradient of approximately 0.010 to 0.011 feet per foot (ft/ft) (EA, 2004a).

As a result of gasoline leaks from the USTs and associated piping at the NEX Service Station (Building 538), soil and groundwater underlying the area spanned by the NEX Service Station and Building 27 were contaminated by petroleum hydrocarbons, specifically gasoline range organics (GROs). Past active remediation has consisted of petroleum-contaminated soil excavation and removal, air sparging soil vapor extraction (SVE), and a chemical oxidation event. In response to petroleum odor complaints from Building 27 occupants, a passive SVE vent was connected to the existing Building 27 footing drain, at the northern wall of the building, in 1989 (EA, 2004a). Most recently, a bioremediation program attempted to treat the dissolved and sorbed phases of petroleum contamination in the subsurface near Building 27 using enhanced biological activity (microbes) (EA, 2004b). Dissolved total petroleum hydrocarbon (TPH)-GRO concentrations in groundwater samples collected from wells on the Buildings 27 and 30 parcel in October 2008 exceeded the MEDEP regulatory criterion of 50 micrograms per liter ($\mu\text{g/L}$) (AGVIO, 2010). The Navy determined that soil excavation with long-term groundwater monitoring was the best course of action to remedy the impacted area (Navy, 2010). In 2009, a removal action of petroleum-impacted soil was conducted by the Navy to remedy the NEX Service Station POL site of residual, saturated-zone, sorbed-phase and dissolved-phase petroleum hydrocarbon contamination. The soil removal area included the impacted area located in the northeast portion of the Buildings 27 and 30 parcel. The removal action report is not available at the time of this closure report.

Groundwater sample analyses conducted during the NEX Service Station POL site investigations and remedial action activities included: benzene, toluene, ethylbenzene, xylene(s) (BTEX); dissolved lead; fuel oil; and TPH. The soil and groundwater sample analytical results for non-petroleum contaminants are not presented in the reports available for the investigations, with the exception of lead (dissolved and total).

NAS Brunswick Instruction 5090.1C establishes institutional controls for the base that include an interim soil restriction zone associated with the NEX Service Station POL site (NAS Brunswick, 2008). The instruction specifies the use of administrative controls that restrict excavation/disturbance of soils and use/disturbance of groundwater within the zone. The NEX

Service Station POL site interim soil restriction zone includes the northeast portion of the Building 27 parcel, due to petroleum releases from the former UST systems at the upgradient NEX Service Station. The boundary of the NEX Service Station POL site interim soil restriction zone extends from the southern side of the Building 538 parcel and the southwest portion of the Building 11 parcel, to the south, across Burbank Avenue and across the north central portion of the Buildings 27 and 30 parcel, extending to the northern side of Avenue F. This restriction of the excavation/disturbance of soils and the use/disturbance of groundwater is due to the presence of petroleum-impacted soils and groundwater within the Buildings 27 and 30 parcel.

4. SITE VISIT AND INVESTIGATION

Site visits were conducted by Mr. Brian Geringer, Mr. Mark K. Speer, P.E., and Mr. James Forrelli, P.E., of Tetra Tech on June 24, 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 RCRA Partial Closure Report. The buildings' interior and exterior were observed during the site visit. Tetra Tech personnel were accompanied by Mr. D. Bruce Smith, the NAS Brunswick Hazardous Waste Manager. The Buildings 27 and 30 parcel was visually inspected for signs of hazardous waste generation or storage activity. Photographs taken during the site visit are provided in an attachment. Site visit observations, recorded on the attached Building Inspection Form ⁽¹⁾, are summarized below:

- Buildings 27 and 30 were occupied at the time of the site visit and appeared in good condition.
- No gasoline odors were detected in Building 27 or Building 30.
- The smoking area shelter (Structure LLL) was vacant.
- 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 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.
- No hazardous waste storage was observed, although universal wastes (batteries, used toner cartridges) were accumulated within a metal "flammables" cabinet, labeled "Hazardous Waste", within Building 30.
- One concrete-pad-mounted transformer was identified on the north side of Building 27. No evidence of a past leak from this transformer was observed. As discussed in Section 3, according to the NAS Brunswick transformer database, the insulating oil in this transformer is mineral oil.
- One closed AST (No. A27.0) is located onsite, adjacent to the Boiler Room on the eastern side of Building 27.
- A localized area of paint-chip flaking was observed on the boiler room ceiling.
- A groundwater monitoring well with a flush-mount protective box was observed to the west of Building 27, adjacent to Avenue F.
- The grass-covered area located north and northwest of Building 27 appeared to have been recently landscaped, likely conducted as part of the soil removal action completed in 2009.

Based on the available information regarding historical activities at the Buildings 27 and 30 parcel, there is no evidence that groundwater underlying the parcel has been adversely impacted by a release from within the parcel. However, groundwater underlying at least a portion of the Buildings 27 and 30 parcel was previously impacted by petroleum hydrocarbon migration from the off-parcel, upgradient NEX Service Station POL site source area, a known NAS Brunswick groundwater contamination area.

Based on the records research findings and site visit observations, it was determined that neither further inspection nor sampling at the Buildings 27 and 30 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, with the exception of universal waste, no hazardous waste generation, accumulation, or storage activity was conducted at the Buildings 27 and 30 parcel.

6. OTHER ENVIRONMENTAL CONSIDERATIONS

No USTs have been utilized at the Buildings 27 and 30 parcel, according to NAS Brunswick records. One 1,000-gallon AST for the storage of No. 1 heating oil was installed in 1999 and was cleaned and closed in April 2009.

At the upgradient NEX Service Station POL site, UST systems in operation from 1957 to October 2009 are the source of petroleum releases impacting the Buildings 27 and 30 parcel. A significant petroleum-contaminated soil removal action conducted at the NEX Service Station POL site in 2009 included the excavation of soil within the northeast portion of the Buildings 27 and 30 parcel.

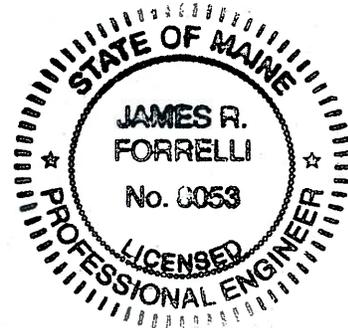
7. LIMITATIONS

This investigation of the hazardous waste closure requirement applies to the Buildings 27 and 30 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 Buildings 27 and 30 parcel, NAS Brunswick, Maine. Therefore, the hazardous waste closure of the Buildings 27 and 30 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 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.

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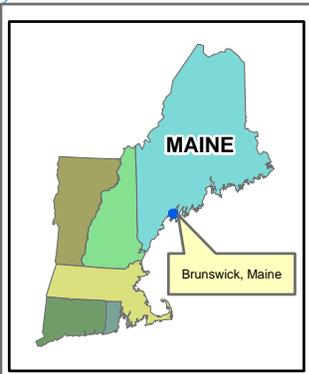
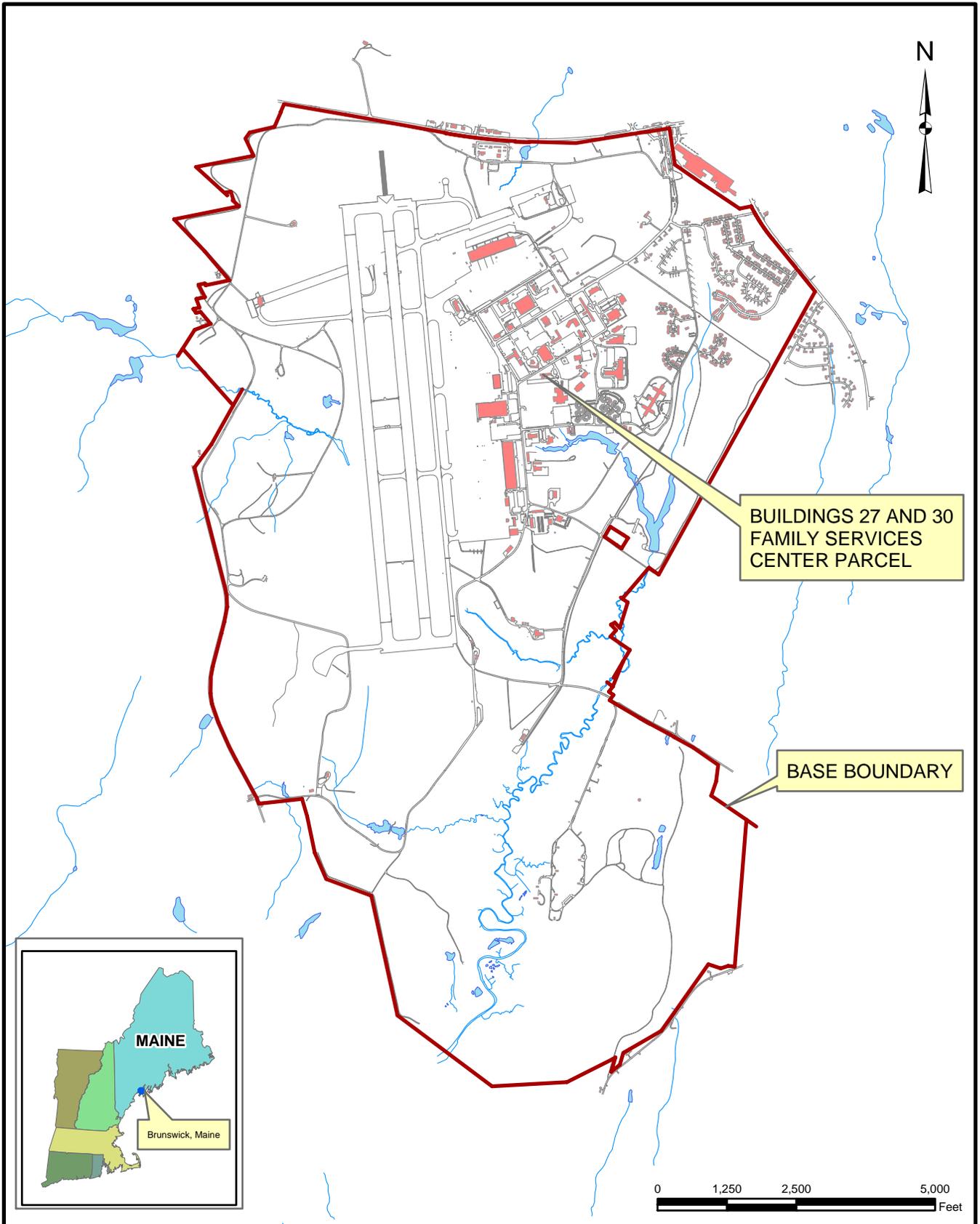
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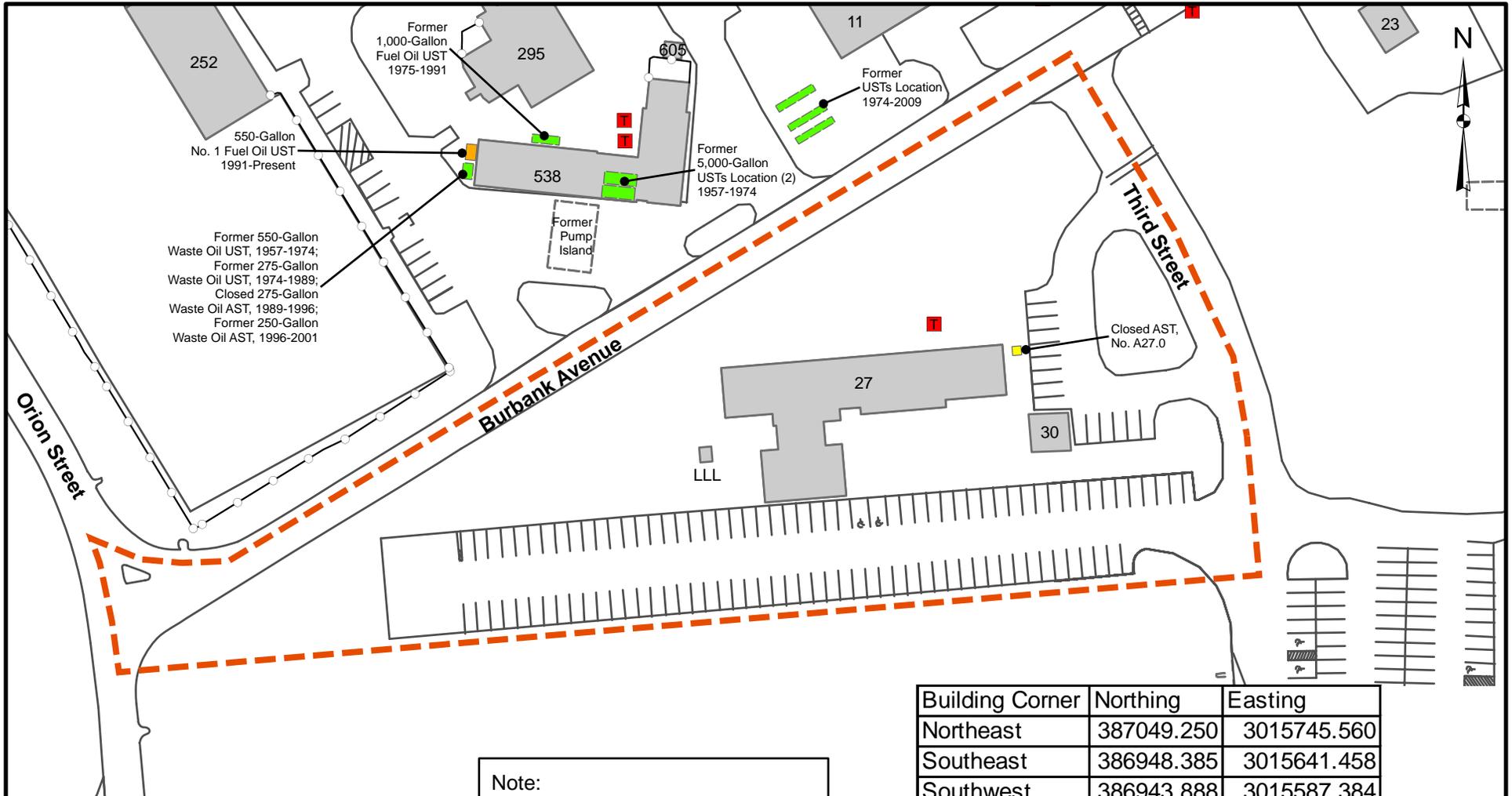
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Tetra Tech NUS, Inc.

SITE LOCATION MAP
BUILDINGS 27 AND 30 - FAMILY SERVICES CENTER PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

SCALE AS NOTED	
FILE	
I:_NASB_BLDG_27_LOCUS.MXD	
REV	DATE
0	07/28/10
FIGURE NUMBER	
1	



Former 1,000-Gallon Fuel Oil UST 1975-1991

550-Gallon No. 1 Fuel Oil UST 1991-Present

Former 550-Gallon Waste Oil UST, 1957-1974;
Former 275-Gallon Waste Oil UST, 1974-1989;
Closed 275-Gallon Waste Oil AST, 1989-1996;
Former 250-Gallon Waste Oil AST, 1996-2001

Former 5,000-Gallon USTs Location (2) 1957-1974

Former USTs Location 1974-2009

Former Pump Island

Closed AST, No. A27.0

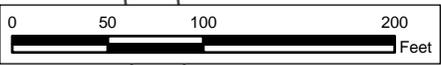
Building Corner	Northing	Easting
Northeast	387049.250	3015745.560
Southeast	386948.385	3015641.458
Southwest	386943.888	3015587.384
Northwest	387033.630	3015558.060

Coordinates are in NAD 1983, Maine West, Feet

Note:
Above Ground Storage Tank - AST
Underground Storage Tank - UST

Legend

- Airfield Security Fence
- Parcel Boundary
- Transformer
- AST
- Closed AST
- Closed UST



Tetra Tech NUS, Inc.

SITE LOCATION MAP
BUILDINGS 27 AND 30 - FAMILY SERVICES CENTER PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

SCALE AS NOTED	
FILE I:\NASB_BLDG_27_SITE_MAP.MXD	
REV 0	DATE 07/28/10
FIGURE NUMBER 2	

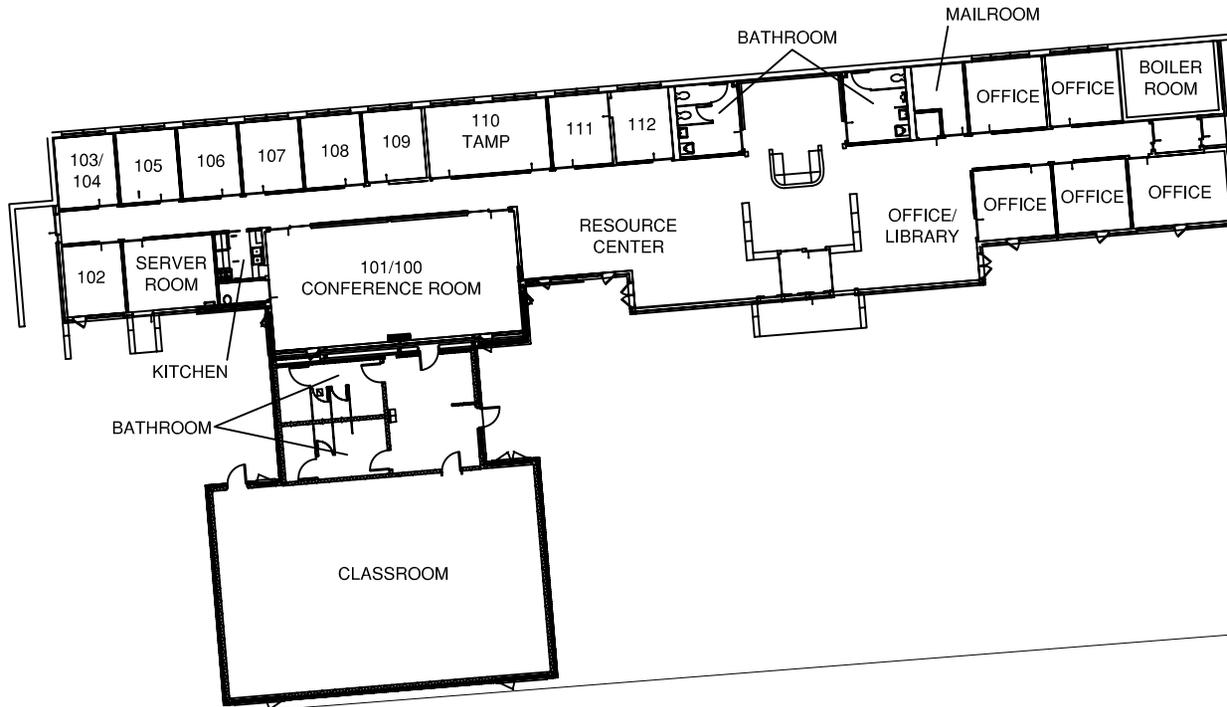
BURBANK AVENUE

BUILDING 27

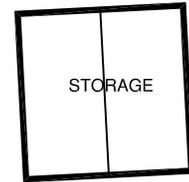
PAD-MOUNTED TRANSFORMER



1,000-GALLON (FUEL OIL) AST
PARKING LOT



SMOKING AREA



BUILDING 30

PARKING LOT



TETRA TECH NUS, INC.

FLOOR PLAN
BUILDINGS 27 & 30- FAMILY SERVICES CENTER PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

SCALE AS NOTED	
FILE \\.\NASB_BLDG_27_FP.DWG	
REV 0	DATE 07/29/10
FIGURE NUMBER 3	

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

Inspection Date: 6/24/10

Personnel: Brian Geringer / James Forrelli, P.E. / Mark Speer, P.E.

Weather: Cloudy, Showers, 80s

GENERAL BUILDING INFORMATION / USES

Building Name: Family Services Center

Function: Offices / Administration / Counseling, Computer and Nursing Services

Size: 7,862 SF

Year of Construction: 1984

Building 27 is located at NASB Brunswick on Avenue F, immediately south of Burbank Avenue, and adjacent to Buildings 538 (NX Service Station) and 11 (NEX Retail Store). It served as Family Services Center (FSC) for its entire history. Building 27 consists of a wood frame with masonry veneer, multi-room single level building on a slab foundation.

Building 27 was used only as office, meeting, counseling, conference, training, computer services and administrative space. No hazardous materials were used in its operation and no hazardous waste was generated, according to NAS Brunswick personnel.

Building 27 is heated by forced hot water generated by a single dual fired Burnham cast iron boiler and fired by natural gas supplied from an off-site utility.

Building 30 (FSC Storage) is located on the Building 27 parcel; refer to the Building 30 HWSA Inspection Report for information relating to the inspection of Building 30.

No hazardous waste was generated during Building 27 parcel operations, according to NAS Brunswick personnel.

A designated smoking area shed is located immediately west of Building 27. The shed is labeled LLL, and is a 576 SF unheated wooden structure. No hazardous materials were used in its operation and no hazardous waste was generated, according to NAS Brunswick personnel.

HWSA INSPECTION / CONDITION

No record of hazardous waste stored at Building 27. A universal waste accumulation area is located within a metal flammable cabinet, marked "Hazardous Materials", in Building 30.

At the time of inspection, Building 27 was operational and in good condition. The interior consisted of 21 rooms for offices, conference rooms, classrooms, kitchen, and office supply storage. Four restrooms, one janitorial closet and one boiler room were also observed.

Vinyl tiling was observed in the foyer, immediately outside of the Classroom, and within the Classroom. Based on the construction date of the building (1984) it is not anticipated that the vinyl tiling is potentially asbestos containing material (PACM), although the tile mastic may be PACM. The vinyl tile was observed to be in good condition. The tile mastic was not observed.

No PACM was observed in the Boiler Room; a localized area of peeling paint observed on the ceiling.

No other evidence of current or past hazardous waste generation was observed.

No evidence of hazardous waste residues was observed.

New vegetation was observed on the northern side of Building 27 and Transformer No. 138. Mr. Bruce Smith (Hazardous Waste Manager) noted that a significant excavation of soil, impacted from a historical release at Building 538, occurred at this site in the spring 2010. Additionally, a vent pipe was observed coming out of the ground adjacent to Building 27, which was reported to be a passive soil vapor venting stack by Mr. Smith.

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 in Building 27 and/or Shed LLL.

POTENTIAL PCB-CONTAINING TRANSFORMERS

One pad-mounted transformer was observed onsite that was reported to have been manufactured in 1988 manufactured by RTE with S/N 886006358) and containing mineral oil. No signs of a past release (staining, unusual odors, stressed vegetation, etc.) were observed.

APPLICABLE REPORTS / DOCUMENTS

Available historical aerial photos were reviewed for past uses:
1943 plan – Two unlabeled buildings are visible on the Building 27 parcel.
1946 plan – Buildings 96, 97 & 45 (General Storehouses), and two unlabeled buildings are visible on the Building 27 parcel.
1952 plan – Same as 1946 plan.
1953 aerial – Buildings 96, 97 & 45, and two unlabeled buildings are visible on the Building 27 parcel.
1956 plan – Buildings 96 (Supply Storehouse) & T-202 (Public Works Storehouse), and three unlabeled buildings are visible on the Building 27 parcel.
1958 aerial – Buildings 96 & T-202, and three unlabeled buildings are visible on the Building 27 parcel. Building 538 and two gasoline pump islands are present immediately north of Burbank Ave.
1961 aerial – Same as 1958 aerial.
1975 plan – Buildings 96, T-201, 45, 96 & T-202 are visible on the Building 27 parcel.
1978 aerial – Vacant, Buildings 96, T-201, 45, 96 & T-202 appear to have been razed.
1981 aerial – Same as 1978 aerial, with parcel appearing to be used as a staging area for adjacent construction projects. Seven temporary storage/office trailers are located on the parcel.
1983 plan – Vacant.
1984 aerial – Building 27 (Family Service Center) present on Building 27 parcel. Building 538 and two gasoline pump islands are present immediately north of Burbank Ave. and the Building 27 parcel. Building 27 parking lot is located on southern side of Building 27, along Avenue F. Current Building 27 transformer not observed on northern side of building.
1989 plan – Vacant.
1989 aerial – Building 27 present on parcel, along with transformer on northern side of building.
1993 aerial – Same as 1989 aerial.
1997 aerial – Same as 1989 aerial, with Building 30 present immediately south east of Building 27. Building 538 and two gasoline pump islands are present on north side of Burbank Ave.
2006 plan – Building 27 and associated transformer at current positions. Building 30 not present.

One above ground storage tank (AST) located on Building 27 parcel (No. A 27.0, 1,000-gallon, reported cleaned/closed 14 April 1999), which is located immediately east of Building 27. No underground storage tanks (USTs), or oil-water separators (OWS) were registered to Building 27, and/or Shed LLL.

Located immediately north of Building 27 on the parcel is one 75 KVA pad-mounted transformer (ID #138, manufactured By RTE, S/N 886006358) containing mineral oil per NASB Tests/Research/Records.

HAZARDOUS WASTE STORAGE RECORDS

No record of hazardous material use or hazardous waste in Building 27 discovered to date. No hazardous waste was historically stored at Building 27 according to NAS Brunswick Hazardous Waste Manager, D. Bruce Smith.

MISCELLANEOUS NOTES

The Tetra Tech personnel were accompanied on the inspection by D. Smith Hazardous Waste Manager. One groundwater monitoring well was observed west of Shed LLL.

INSPECTOR SIGNATURE:  _____

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

Inspection Date: 6/24/10

Personnel: Brian Geringer / James Forreli, P.E. / Mark Speer, P.E.

Weather: Cloudy, Showers, 80s

GENERAL BUILDING INFORMATION / USES

Building Name: FSC Storage

Function: Office and Household Material Storage

Size: 512 SF

Year of Construction: 1995

Building 30 is located at NASB Brunswick on Avenue F, immediately east of Building 27 on the Building 27 parcel, and adjacent to 3rd Street. The Building 27 parcel is located south of Burbank Avenue, and adjacent to Buildings 538 (NX Service Station) and 11 (Navy Exchange Retail Complex).

Building 30 served as the Family Services Center (FSC) Storage facility for its entire history. Building 30 consists of a wood structure, two-room single level building on a slab foundation.

Building 30 was used only as office supplies and household material storage, and for the temporary accumulation of Universal Waste, according to NAS Brunswick personnel. Household materials and supplies consist of non-hazardous materials loaned to onsite military personnel/families (Cots, kitchen packs, etc.).

A hazardous materials accumulation area, for the temporary storage of universal wastes (i.e., batteries, used toner cartridges, partially used aerosol cans), is located in the office materials portion of Building 30, within a metal flammable cabinet marked "Hazardous Materials". The universal wastes were developed during activities within Building 27 normal operations. No hazardous waste was generated during Building 27 parcel operations, according to NAS Brunswick personnel.

HWSA INSPECTION / CONDITION

No record of hazardous waste stored at Building 30 was discovered to date. A temporary Building 27 parcel universal waste accumulation area is located within a metal flammable cabinet, marked "Hazardous Materials", in the office materials portion of Building 30. Mr. Bruce Smith (Hazardous Waste Manager) noted that only Universal Waste (i.e., batteries, used copy machine toner cartridges and spent aerosol cans) were temporarily stored within the Hazardous Materials accumulation area.

At the time of inspection, Building 30 was operational and in good condition. The interior consisted of 2 rooms, with separate entrances, for office and household material supply storage.

No other evidence of current or past hazardous waste generation 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.

POTENTIAL PCB-CONTAINING TRANSFORMERS

One transformer was observed on the Building 27 parcel; refer to the Building 27 HWSA Inspection Report.

No signs of a past release (staining, unusual odors, stressed vegetation, etc.) were observed.

PHOTOGRAPHS



No. 1 Buildings 27 and 30 Parcel – NAS Brunswick
FSC building south elevation – main entrance

June 24, 2010



No. 2 Buildings 27 and 30 Parcel – NAS Brunswick
Building 27 southwest elevation; smoking area shelter (Structure LLL) on left

June 24, 2010

PHOTOGRAPHS



No. 3 Buildings 27 and 30 Parcel – NAS Brunswick
Northeast area of parcel - Building 27 northeast exterior in background

June 24, 2010



No. 4 Buildings 27 and 30 Parcel – NAS Brunswick
Pad-mounted transformer north of Building 27

June 24, 2010

PHOTOGRAPHS



No. 5 Buildings 27 and 30 Parcel – NAS Brunswick

June 24, 2010

Passive soil vapor extraction vent connected to Building 27's north wall footing drain



No. 8 Buildings 27 and 30 Parcel – NAS Brunswick

June 24, 2010

Building 27 FSC classroom

PHOTOGRAPHS



No. 9 Buildings 27 and 30 Parcel – NAS Brunswick
Building 30 FSC Storage building northeast elevation

June 24, 2010



No. 10 Buildings 27 and 30 Parcel – NAS Brunswick
Building 30 FSC Storage building household goods section (eastern half of building)

June 24, 2010

PHOTOGRAPHS



No. 11 Buildings 27 and 30 Parcel – NAS Brunswick
Building 30 FSC Storage building office supplies section (western half of building)

June 24, 2010