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NAS BRUNSWICK
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FINAL RESOURCE CONSERVATION AND RECOVERY ACT PARTIAL CLOSURE REPORT FOR BUILDINGS 225 AND 252 WITH TRANSMITTAL LETTER NAS BRUNSWICK ME

2/23/2010

NAS BRUNSWICK

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

February 23, 2010

Mr. Edward Vignault
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 225/252

Dear Mr. Vignault:

Please find enclosed a copy of the Final RCRA Partial Closure Report for Buildings 225/252 at Naval Air Station Brunswick. Please provide comments and/or approval for the document.

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

Sincerely,

LISA M. JOY
Environmental Director

Enclosure: (1) Final RCRA Partial Closure Report for Buildings 225/252

Copy to:
NAVFAC Mid-Atlantic (B. Abraham)
NAS Brunswick (M. Fagan/D. Smith)
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RCRA PARTIAL CLOSURE REPORT
for
BUILDINGS 225 AND 252 – TRANSPORTATION PARCEL
NAVAL AIR STATION BRUNSWICK, MAINE
USEPA IDENTIFICATION NUMBER ME8170022018
FEBRUARY 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 Buildings 225 and 252 parcel, at Naval Air Station Brunswick (NAS Brunswick).

This document incorporates information and findings developed during a previous closure investigation conducted by Sebago Technics, Inc. (Sebago) under subcontract to Tetra Tech NUS, Inc. (TtNUS) and reported in *Buildings 225 and 252 Hazardous Waste Closure Report and Certification* letter report dated October 27, 2009. The Sebago closure investigation determined that Buildings 225 and 252 contained hazardous waste residue requiring removal in order to achieve closure standards set by the MEDEP. Subsequently, waste residue clean-up and confirmation sampling activities were conducted at the buildings. Following completion of the Sebago closure report, TtNUS performed additional sampling and conducted additional waste residue removal operations in Building 225, which are documented in this report.

2. PROPERTY DESCRIPTION

The Buildings 225 and 252 parcel is located in the north-central portion of NAS Brunswick (see Figure 1), and was formerly used as the automotive equipment maintenance facility by the NAS Brunswick Public Works Department. These buildings are referred to as the Transportation Building. The 3.4 acre parcel (see Figure 2) is bordered to the southwest by Orion Street, to the northeast by Pelican Street, to the southeast by Burbank Avenue, and to the northwest by a parking lot. The two buildings, located in the northeastern portion of the parcel, are connected by a covered walkway. Much of the parcel southwest of the buildings is covered by asphalt pavement. A smaller asphalt-paved parking area occupies the northwest portion of the parcel.

Building 225, constructed in 1953, is a slab-on-grade structure measuring approximately 15,500 square feet. The interior space includes service bays, a garage, a welding/fabrication shop, a tire shop, a battery shop, offices and locker rooms (see Figure 3). The facility has not been active since the early 2000s, except for use of the space for storage (Sebago, 2009).

Building 252, constructed in 1957 as an auto hobby shop, was originally at a different location at NAS Brunswick (off Burbank Street). In 1990 the structure was disassembled and relocated to the current location. The building is a slab-on-grade structure measuring approximately 5,100 square feet. The building dimensions are 102 feet long by 50 feet wide. Most of the interior space was configured for vehicle service bays. A small restroom area is located in the southeast corner of the building.

3. PROPERTY HISTORY AND RECORDS RESEARCH

Sebago 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 225 and 252 parcel, including past use and operations at that location.

The Buildings 225 and 252 facility was used by the NAS Brunswick Public Works Department for general maintenance and repair. According to the NAS Brunswick Environmental Department,

Building 225 was used as a repair shop for light trucks and cars, while Building 252 was used for heavy equipment repair. The facility featured a machine shop/carburetor cleaning system and a battery storage and repair area. In addition, an unidentified area was reportedly used for asbestos brake shoe work. The NAS Brunswick Environmental Department also reported that vehicle maintenance operations at Buildings 225 and 252 ended in the early 2000's, when the operations were relocated to a new building.

Sebago's records research found the following U.S. Environmental Protection Agency (EPA) and MEDEP documents pertaining to Buildings 225 and 252 (see Attachment A).

1. EPA RCRA Inspection Memorandum dated May 7, 1992 – This memorandum reported the findings of EPA's annual RCRA inspection of NAS Brunswick, conducted on September 5, 1991. The inspector noted that a 90-day hazardous waste storage area (HWSA) in Building 225 is permitted through October 1991. The HWSA was reported to feature secondary containment provided by berms. Also, the facility was reported to be organized, with all wastes dated and properly labeled. (Sebago reported that the 90-day hazardous waste storage facility was used in 1992 and was located in the northernmost corner of the Building 225 Garage. According to the NAS Brunswick Environmental Department, a Hazardous Waste Closure Report was prepared for this facility; however, no formal documentation has been located by either NAS Brunswick or MEDEP.)

2. MEDEP Hazardous Waste Generator Compliance Evaluation Memorandum dated May 5, 1993 – This memorandum reported the findings of MEDEP's hazardous waste compliance evaluation inspection of NAS Brunswick, conducted in March 1993.

3. EPA Naval Air Station Brunswick RCRA Compliance Evaluation Inspection (CEI) Memorandum dated September 1, 1993 – This memorandum reported the findings of EPA's RCRA CEI conducted on June 28-29, 1993. It described a lead battery acid neutralization system that had been installed in the Building 225 battery shop; it was not yet operational, pending receipt of a discharge permit from the Town of Brunswick Sewer District. The memorandum also described a sand blasting unit used to remove paint and carbon from parts. It was reported that the blast media had been tested but that the analytical results were not available.

4. MEDEP Generator Hazardous Waste Management Compliance Evaluation Memorandum dated June 23, 1994 – This memorandum reported the findings of MEDEP's hazardous waste compliance evaluation inspection of NAS Brunswick, conducted in June 1994. The memorandum noted that NAS Brunswick decided not to acquire an "elementary neutralization system" for the Transportation Building. It was also reported that exhausted automotive batteries were recycled through the Defense Reutilization Marketing Office (DRMO).

5. MEDEP Oil and Hazardous Material Report Form Spill Number P-261-95 dated December 10, 1995 – This consists of a series of documents pertaining to a spill in the Building 225 Garage that was reported in April 1995. The spill response resulted from the identification of a leak in one of the in-ground hydraulic lifts. Hydraulic oil and surrounding soils were removed from beneath the building and disposed of at Commercial Paving and Recycling. According to Sebago, this work was completed under the supervision of the MEDEP and no further action was required at the site.

TtNUS conducted additional records research that included review of historical aerial photographs, facility plans and drawings, and area-specific reports, as discussed below.

A review of historical aerial NAS Brunswick photographs dated 1958, 1978, 1984, 1989, 1993, and 1997 was conducted. A summary of the aerial photographs review is presented below.

Buildings 225 and 252 Parcel - Summary of Aerial Photograph Review

Year	Description
1958	Only east-west oriented section of Building 225 is present. The parcel appears to be fenced and the parking areas are not paved. A number of vehicles are parked inside the perimeter fence. What appears to be an open tank is present south of Building 225 along the western fenceline. Building 252 is not present.
1978	An addition to the southeast corner of Building 225 has been constructed. The open tank south of Building 225 has been removed. A number of vehicles are present on the unpaved parking area. Building 252 is not present.
1984	An addition to the northeast corner of Building 225 has been constructed. The northern portion of the parking lot is paved. Two concrete ramps/loading docks appear to be present on the central-southern side of Building 225. A loading ramp for loading flatbed trucks is located in the center of the parking area to the south of Building 225. Building 252 is not present.
1989	The 1989 photograph is consistent with the 1984 photograph except the blockhouse housing the boiler system is present at the western end of Building 225. Building 252 is not present.

Note: All aerial photographs produced by James W. Sewall Company.

The 1983 NAS Brunswick Initial Assessment Study (IAS) prepared by the Naval Energy and Environmental Support Activity (NEESA) provides a summary of wastes generated by the Public Works Department at Building 225.

The *Closure Certification for Former Less-than-90-Day Hazardous Waste Storage Areas and Former Elementary Neutralization Units* documents that the Building 225 "elementary neutralization system" was never operated (HRP Associates, 1996).

4. SITE VISIT AND INVESTIGATION

This section presents a summary of the site visits and investigation and cleaning activities undertaken to complete the MEDEP hazardous waste closure requirements for the Buildings 225 and 252 parcel.

Site Visits

Sebago conducted inspections of the vehicle storage yard and buildings at the Buildings 225 and 252 parcel on June 16 and 17, 2008, and on August 12, 2009, accompanied by Navy and TtNUS representatives. MEDEP representatives were present during the June 17, 2008 and August 12, 2009 inspections. Significant observations from the site inspection are summarized below:

- Buildings 225 and 252 were vacant at the time of the site visits.
- There are four oil/water separators (OWS) associated with Buildings 225 and 252. In addition, a possible fifth OWS may be present in front of the door to the wash rack in Building 225.
- An electrical transformer and associated pad were observed between Buildings 252 and 225. There was no visible staining or contamination present.

- Significant amounts of white paint were observed flaking off walls in the former service bays in both Buildings 225 and 252. MEDEP was concerned that the paint could contain lead or polychlorinated biphenyls (PCBs).

- Grinding dust was observed in the Building 225 welding and fabrication shop. The grinder solids were subsequently removed. Toxicity Characteristic Leaching Procedure (TCLP) metals analysis found the grinder solids to be non-hazardous (Northeast Laboratory Services, 2008).

- In the Building 225 battery shop, possible battery acid residues were observed on the floor and in a sump adjacent to a work bench.

Investigation
Based on the June 2008 inspection, Sebago prepared a RCRA Closure Checklist detailing cleaning and testing requirements for closure (see Attachment B). Based on the checklist, a Buildings 225 and 252 RCRA Closure Sampling Work Plan (see Attachment C) was developed by TtNUS to guide the collection and analysis of sediment, subsurface soil, surface wipe, and paint chip samples to support the closure process (TtNUS, 2008).

On August 27 and 28, 2008, samples were collected from Buildings 225 and 252 and analyzed in accordance with the RCRA Closure Sampling Work Plan. The sampling activities and analytical results are presented in the Updated Trip Report dated November 17, 2008 (see Attachment D). The sampling activities are summarized below.

- Four "settled dust" wipe samples collected from the wall and floor of the welding/fabrication shop and two "surface residue" wipe samples collected from the wall and floor of the battery shop, for RCRA 8 metals analysis.

- One residue sample collected from the eastern floor trenches in Building 225 for analysis of volatile organic compounds (VOCs), gasoline range organics (GRO), diesel range organics (DRO), polycyclic aromatic hydrocarbons (PAHs), PCBs, and RCRA 8 metals.

- Eight soil samples collected from the area surrounding the transformer pad located between Building 225 and Building 252, for PCBs analysis.

- Six paint chip samples collected from the Building 225 service bays and the Building 252 overhead ducts and north wall, for PCBs and total lead analysis.

In addition to the collection of samples, an inspection of the OWS was also conducted on August 26, 2008. An evaluation of the investigation sample results follows. Paint chip sample results are discussed in Section 6, Other Environmental Considerations.

Wipe Samples - Wipe samples collected in the Building 225 welding/fabrication shop and battery shop indicated residual concentrations of lead and chromium within the buildings. Lead analytical results were compared to the following standards for lead-contaminated settled dust, applicable for RCRA closures:

Floors: 40 micrograms per square foot (µg/sf)
Walls and other flat surfaces up to a height of 8 feet: 250 µg/sf
Surfaces above 8 feet: visibly clean (dust-free)

The lead surface wipe sample results for the Building 225 investigation are presented in Table 1. As shown, lead levels in all wipe samples exceed the respective criteria.

Floor Drains/Trenches in Garage Areas - A sample of solids was collected from the Building 225 eastern floor drain (also referred to as "trenches" in the garage bays). A number of analytes were detected within the floor drain sediments, including metals (chromium and lead), PAHs, diesel range organics (DRO), and trace PCBs. The data are summarized in the trip field reports in Attachment D.

Outdoor Electrical Transformer - Four composite soil samples were collected adjacent to the existing electrical transformer for PCBs analysis. No PCBS were detected in the soils from 0 to 6 inches below ground surface (bgs); however, PCBs (Aroclor-1254 and Aroclor-1260) were detected in soil collected from 6 to 12 inches bgs. Based on the analytical results, some residual PCBs are present within the shallow soils at the site; however, all concentrations are below the typical EPA clean-up standard of 1 part per billion (ppb). According to correspondence with the manufacturer, the transformer was manufactured in 1991 and was certified at the time of manufacture to contain a dielectric fluid with less than 2 parts per million (ppm) PCBs (see Attachment E).

Oil/Water Separators - Five oil/water separators (OWS) were inspected on August 26, 2008. No samples were collected from the OWS because there were no visual or olfactory signs of contamination and no solids were present. (The OWS were routinely cleaned and the units were still clean from the previous site cleaning. After cleaning of the interior trench drain in July 2009, the OWS were again pumped and cleaned.)

5. HAZARDOUS WASTE GENERATION AND STORAGE

This section provides a summary of Buildings 225 and 252 hazardous waste generation and storage activities based on the records search and the site inspections.

According to the 1983 NAS Brunswick IAS, the facility generated hazardous wastes typical of vehicle maintenance and repair activities, consisting of battery acid and spent solvent. As reported in the IAS, annual quantities of hazardous waste generated by the Public Works Department at Building 225 consist of 10 gallons of battery acid (EPA Waste Code D002) and 100 gallons of solvent (EPA Waste Code F001) (NEESA, 1983). No recent records were located specific to disposal of hazardous waste generated at Buildings 225 and 252; however, as discussed in the following paragraph, NAS Brunswick has a program in place that tracks hazardous waste to ensure proper handling and disposal.

A summary list of the BNAS Public Works Department Manifests from 1990 through 2002 is included in Attachment F. This list details the waste materials removed from the BNAS facility, including manifest numbers and associated Waste Codes. These manifests are for the entire department and do not solely represent wastes removed from Buildings 225 and 252.

Past operations in the Building 225 welding/fabrication shop generated metal-contaminated dust which has settled on surfaces in the room. A sample of grinder solids in the welding/fabrication shop passed the TCLP test. However, the lead levels in the settled dust exceed the Maine RCRA closure criteria.

Past operations in the Building 225 battery shop resulted in the possible lead-contaminated battery acid residues on the floor and in a sump located in the room.

According to an EPA inspection report dated July 22, 1993 (Attachment A), a lead battery acid neutralization unit was installed in the Building 225 battery shop. On June 24, 1993, NAS Brunswick received a license (#O-26-HN-C-N) from MEDEP to operate this neutralization unit. However, a letter dated November 7, 1995 from the Maine DEP acknowledged BNAS certification of closure of this unit (license inactivation). The treatment unit was never put into operation (HRP, 1996).

6. CLOSURE ACTIONS

Based on the investigation results, the following closure remedial actions were undertaken to remove waste residues as required to achieve MEDEP hazardous waste closure requirements.

- Cleaning of horizontal and vertical surfaces in the Building 225 welding/fabrication shop, battery shop, and the machine shop to remove lead-contaminated settled dust and grime accumulation.
- Cleaning of floor drains and trenches to remove all sediments and waste residues.

Prior to implementing the waste residue removal actions, a series of housekeeping actions was performed to prepare the buildings, as listed below. This phase of the work also included cleaning the floor drain and trench.

Building 225	
Welding/Fabrication Shop	a. Trash and debris was removed b. Duct work above the welding table, including the stack that penetrated the roof, was removed
Battery Shop	a. Wooden workbench located on the south wall was removed b. Floor drain in the southwest corner was pressure washed and fluids were removed
Light Equipment Room	a. Overhead lines were cleaned using vacuum truck b. In-ground vehicle lifts fluids were removed using vacuum truck c. Hydraulic fluid and pump for vehicle lifts was emptied and the unit removed d. 275-gallon engine oil tank was emptied and removed e. Two grease-dispensing units were removed f. Aqueous parts washer was removed[1] g. 250-gallon waste oil tank was cleaned and removed h. Trenches were scraped and pressure washed i. Trash and debris, including paint chips, were removed
Building 252	
Heavy Equipment Repair Shop	a. Floor drains were cleaned and flushed b. Waste oil drain in southwest corner was removed and area cleaned c. Trash and debris, including paint chips, were removed

[1] Parts washer solids passed TCLP metals analysis (Northeast Laboratory Services, 2005).

Following the removal of trench drain sediments and pressure washing with detergents in both Buildings 225 and 252 in early July 2009, the floor drains and trenches were visually inspected and found to be clean.

The waste residue removal activities were conducted in two phases between August 2008 and January 2010. These activities consisted of a series of cleaning and testing cycles to remove remaining wastes and confirm compliance with the RCRA closure criteria. In the first phase, the welding/fabrication shop was cleaned during four events conducted on October 21, 2008, February 4, 2009, July 7, 2009 and July 15, 2009. The specific activities included the following:

- Horizontal surfaces were pressure washed from the ceiling down.
- Walls in the northeast corner were pressure washed with soap.
- Electrical panels and boxes were pressure washed.
- Drill press was hand-washed using soap and water.

Surface wipe samples were collected following each event to determine if the RCRA closure criteria had been met. The results for surface wipe samples collected during the first phase of cleaning are provided in Table 2. As shown, post-cleaning surface-wipe sample lead levels exceeded floor and wall criteria after the first and second event, therefore, further cleaning of the areas of likely metal contamination in the welding/fabrication shop was performed. The first phase cleaning efforts are documented in Attachment G.

Sebago conducted an inspection on August 12, 2009. See Attachment B for a table describing the resolution of issues identified in the original Work Plan. Sebago reported that at the time of the inspection, a few cleaning details remained to be completed, as follows:

- A number of work benches with oily residue on the surface remained in the building; the benches were subsequently removed.
- A heating duct over the welding area was suspected of possibly containing lead residue; the heating duct was subsequently removed.
- Metal filings remained in a shallow trough at the base of the drill press; those filings were subsequently removed.

On December 22, 2009 surface wipe sample were collected from the welding/fabrication shop and the machine shop to assess the effectiveness of the first phase of cleaning. As shown in Table 3, the lead criterion (40 µg/sf) was exceeded in seven of eight welding/fabrication shop floor samples and in both machine shop floor samples (see Figure 4 for sample locations). Based on those results it was determined that a second phase of cleaning was necessary.

The second cleaning phase consisted of one event carried out from January 11 through 13, 2010. The second phase cleaning efforts are documented in Attachment H This phase involved cleaning of the welding/fabrication shop floor, as well as the horizontal surfaces and walls in the battery shop and the machine shop. In the battery shop and the machine shop all walls, light fixtures, conduits and elevated surfaces were hand washed with rags immersed in a 2-percent solution of Ledizolv® detergent. The floors in all three rooms were swept and vacuumed with a High Efficiency Particulate Air (HEPA) vacuum. After vacuuming and sweeping, floors were sprayed with a 2-percent Ledizolv® solution, scrubbed and pressure washed using a conventional 2,500 pound per square inch (psi) pressure washer. All waste water was containerized using a wet vacuum and placed in 55-gallon drums. After power washing and vacuuming, portable heaters were placed in each room to facilitate drying. Wall and floor confirmation wipe sample were collected from the dried surfaces. Final confirmation sample results are provided in Table 3 (see Figure 5 for sample locations). As shown, lead levels in all samples meet the respective floor and wall criteria.

Final condition photographs of the Building 225 and 252 parcel are provided in Attachment I.

7. OTHER ENVIRONMENTAL CONSIDERATIONS

Paint chip testing was completed at the request of the Maine DEP for samples collected at various locations within Buildings 225 and 252, including Building 225 service bays walls, the Building 252 north service bay overhead ducts, and the Building 252 north wall. Samples were analyzed for lead and PCBs. The three samples collected from Building 225 had detected concentrations of lead, with the maximum concentration of 351 mg/kg (0.035%). Intact paint on interior wall surfaces is not a hazardous waste; however, if the paint peels, flakes, or is removed, the paint-chip waste material may be a hazardous waste, subject to RCRA requirements. Paint wastes exhibiting the "toxicity characteristic" as measured using the Toxicity Characteristic Leaching Procedure (TCLP) must be handled and disposed of in conformance with hazardous waste laws and regulations. Available studies (EPA, 1993) and previous experience indicates that paint-chip waste with a lead level as measured in the above samples would not be

characterized as hazardous waste based on the TCLP test. PCBs were not detected in any of the samples collected and analyzed.

8. LIMITATIONS

This investigation of the hazardous waste closure requirement applies to the Buildings 225 and 252 parcel (as shown on Figure 2) only. It does not apply to the groundwater underlying the Buildings 225 and 252 parcel. The only document release to the groundwater at the facility is the 1995 hydraulic oil spill that was closed under the supervision of the MEDEP.

9. CERTIFICATION

Historical operations resulted in the generation, accumulation and storage of hazardous waste at the Buildings 225 and 252 Parcel, NAS Brunswick, Maine. Based on the findings of the investigation as reported in this Partial Closure report, the hazardous waste closure of Buildings 225 and 252 was completed in accordance with the provisions of MEDEP Regulations Chapter 851, Standards for Generators of Hazardous Waste, Section 11.

James R. Forrelli

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

STATE OF MAINE
JAMES R. FORRELLI
No. 8053
LICENSED
PROFESSIONAL ENGINEER

REFERENCES

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TABLES

TABLE 1
INVESTIGATION (PRE-CLEANING) SURFACE WIPE SAMPLE LEAD RESULTS
BUILDINGS 225 AND 252 – TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

Sample ID[1]	Criteria (µg/sf)	Lead (µg/wipe) [2]	Lead (µg/100 cm^2) [3]	Lead (µg/sf) [4]	Location
Welding/Fabrication Shop					
WFR01	250	84	84	***780***	north wall, east of sink
WFR02	250	110	110	***1022***	north wall, west of work bench
WFR03	40	330	330	***3066***	floor, between work bench and sink
WFR04	40	58	58	***539***	floor, 1 foot west of grinder
Battery Shop					
BRA01	40	27	27	***251***	floor, in front of former work bench
BRA02	40	140	140	***1301***	floor, adjacent to floor drain

Notes
(1) Samples collected August 26, 2008
(2) as reported by laboratory
(3) 10 cm x 10 cm (100 cm2) sample wipe area; 1 mg equals 1000 µg
(4) 1 square foot equals 929 cm2
Preliminary data; not validated.
bold/italics result exceeds criteria
µg/sf microgram per square foot
mg/wipe milligram per wipe
µg/100 cm2 microgram per 100 square centimeters

TABLE 2
FIRST PHASE CLEANING EVENTS SURFACE WIPE SAMPLE LEAD RESULTS
BUILDINGS 225 AND 252 – TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

Sample Location	Lead (µg/sf)					
	Criteria	Sample Date				
		8/26/08	10/24/08	2/8/09	7/5/09	7/19/09
north wall, east of sink	250	***780***		**4100**	***490***	25
north wall, west of work bench	250	***1022***				
floor, between work bench and sink	40	***3066***	***1900***	***230***	***60***	
floor, 1 foot west of grinder	40	***539***				
steam pipe	250		***480***	20		
electric box top	250		***410***			
molding top	250		***290***			
band saw top	250		160			
breaker panel top	250		***750***			
work bench	250			75		
drill press	250			***250***	***290***	45
wall, south	250			10		

Notes
Preliminary data; not validated.
bold/italics result exceeds criteria
µg/sf microgram per square foot

TABLE 3
SECOND PHASE CLEANING EVENT SURFACE WIPE SAMPLE LEAD RESULTS
BUILDINGS 225 AND 252 – TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

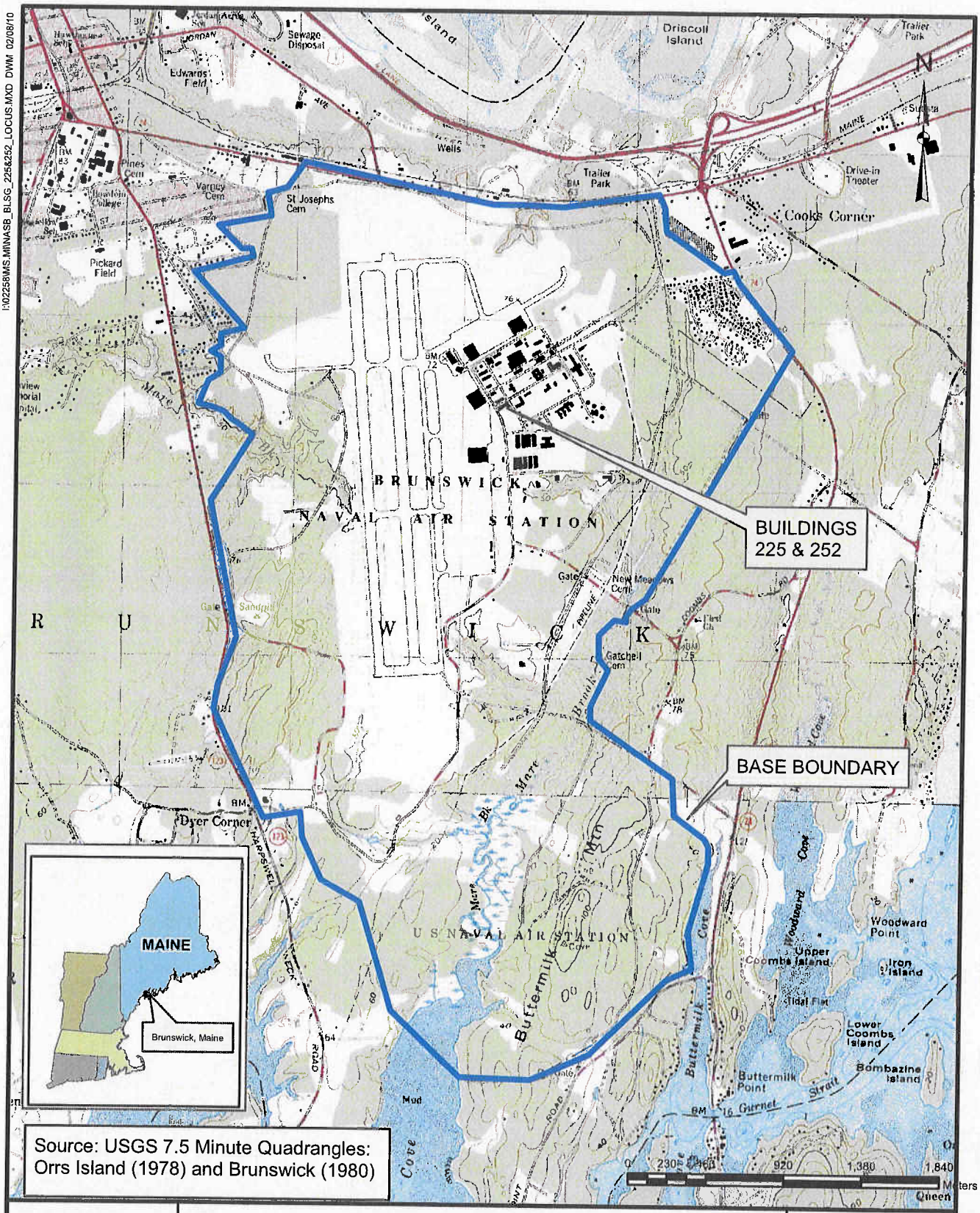
Location	Criteria, Lead (µg/sf)	Pre-Cleaning 12/22/2009		Post Cleaning 1/13-14/2010	
		Sample ID	Lead (µg/sf)[1]	Sample ID	Lead (µg/sf)[1]
Welding/Fabrication Shop					
floor NW	40	WP01	27	WF01	10
floor N center	40	WP02	***72***	WF02	14
floor NE	40	WP03	***130***	WF03	23
floor center W	40	WP04	***69***	WF04	9
floor center E	40	WP05	***111***	WF05	9[2]
floor SW	40	WP06	***102***	WF06	22
floor S center	40	WP07	***139***	WF07	6
floor SE	40	WP08	***49***	WF08	7
Machine Shop					
floor NE	40	WP09	***214***	MS01	29[2]
floor NW	40	WP10	***242***	MS02	11
floor SW	40	--	--	MS03	18
floor SE	40	--	--	MS04	38
wall west	250	--	--	MS05	< 3.7
wall east 1	250	WP11	< 3.7	MS07	< 3.7
wall north	250	WP12	< 3.7	MS06	5
wall east 2	250	--	--	MS08	< 3.7
Battery Shop					
floor NW	40	--	--	BS01	17
floor NE	40	--	--	BS02	9
floor SW	40	--	--	BS03	9
floor SE	40	--	--	BS04	12[2]
wall west	250	--	--	BS05	6
wall north	250	--	--	BS06	5
wall east	250	--	--	BS07	< 3.7
wall south	250	--	--	BS08	56

Notes
(1) results reported by laboratory as mg/wipe
10 cm x 10 cm (100 cm^2) sample wipe area; 1 mg equals 1000 µg
1 square foot equals 929 cm^2
(2) duplicate results averaged
Data not validated.

--	sample not collected at location
<	less than
bold/italics	result exceeds criteria
µg/sf	microgram per square foot

FIGURES

I:\02258\MS.MI\NASB_BLSG_225&252_LOCUS.MXD DWM 02/08/10



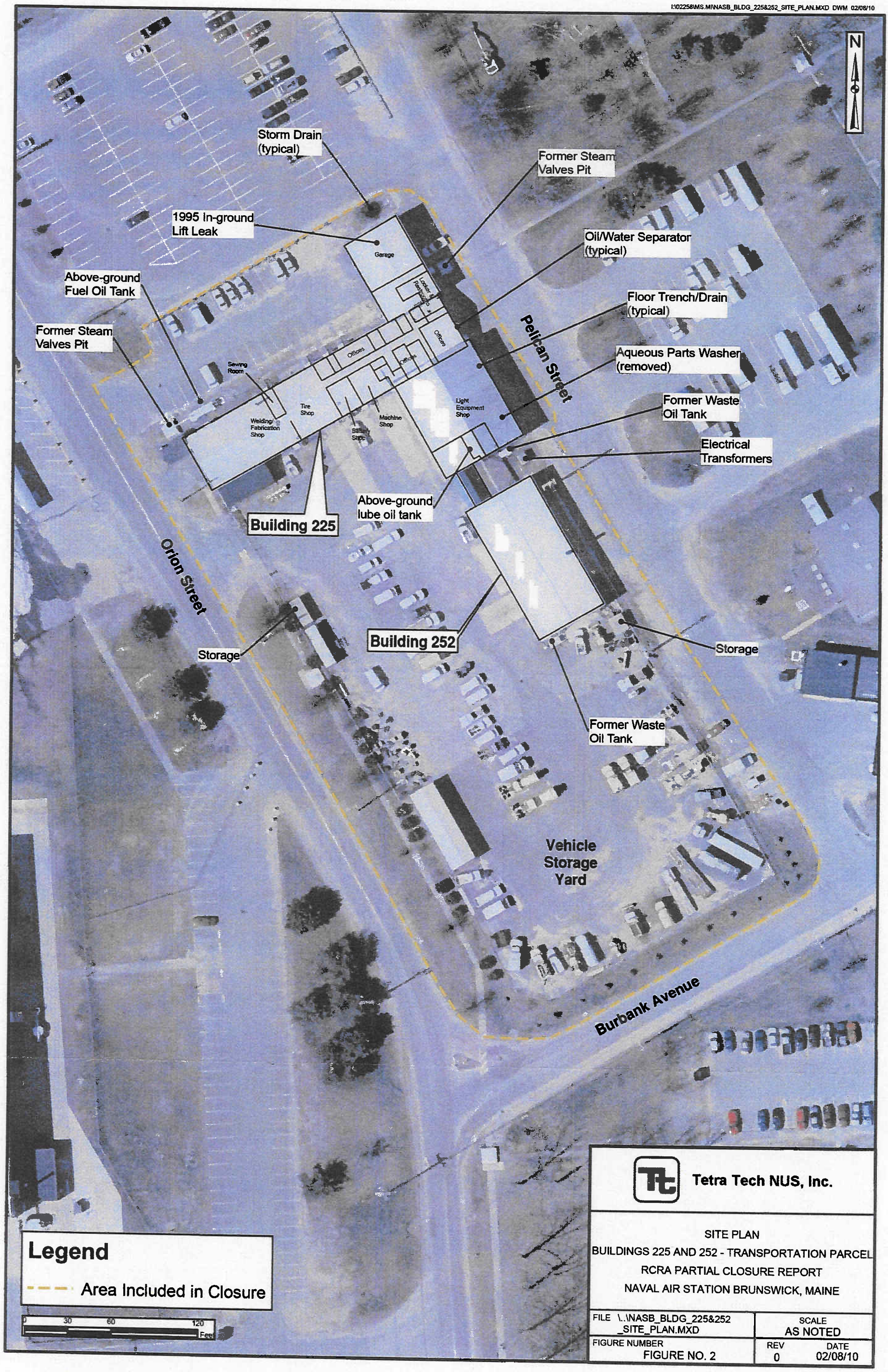
Source: USGS 7.5 Minute Quadrangles: Orrs Island (1978) and Brunswick (1980)

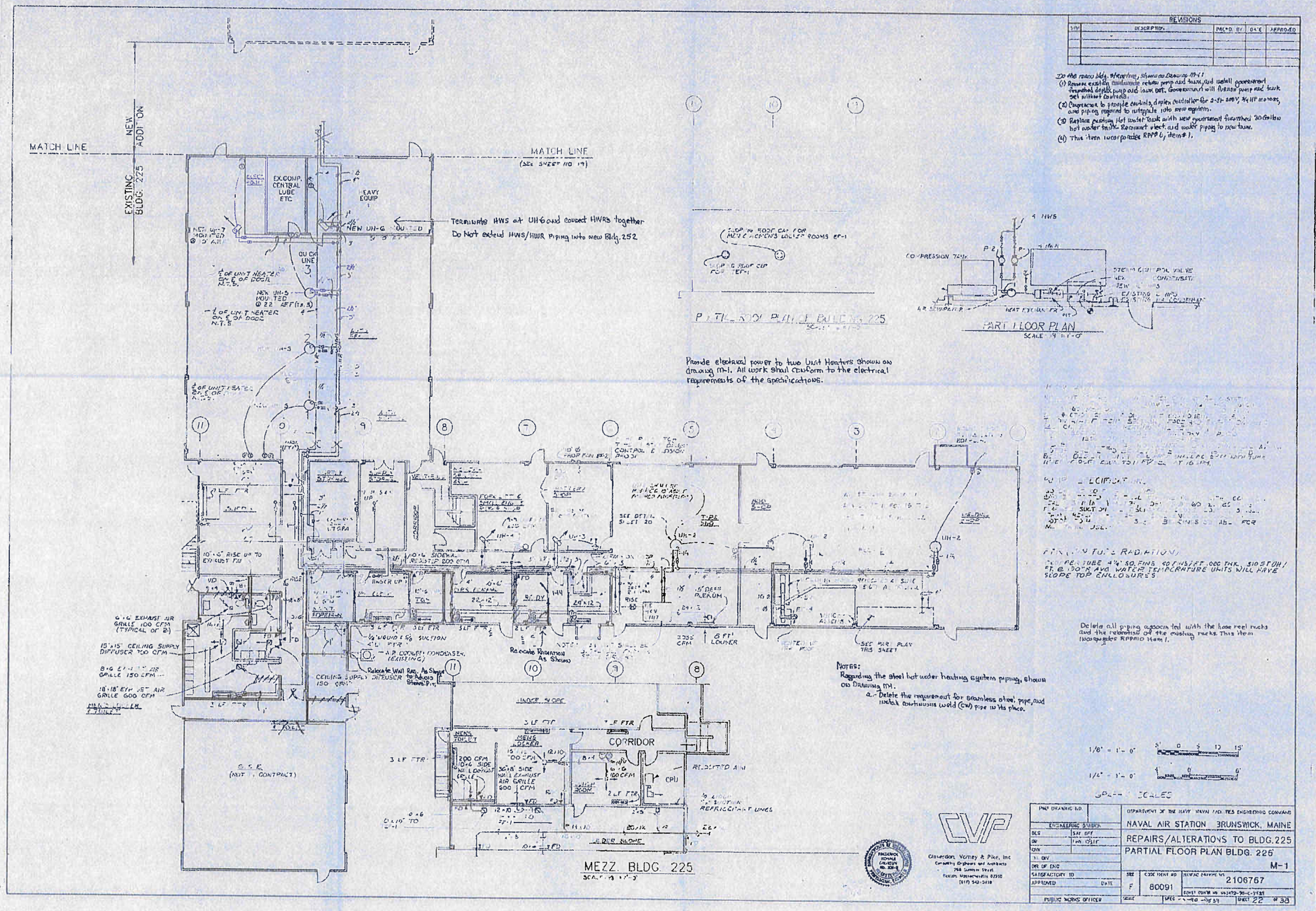
Tetra Tech NUS, Inc.

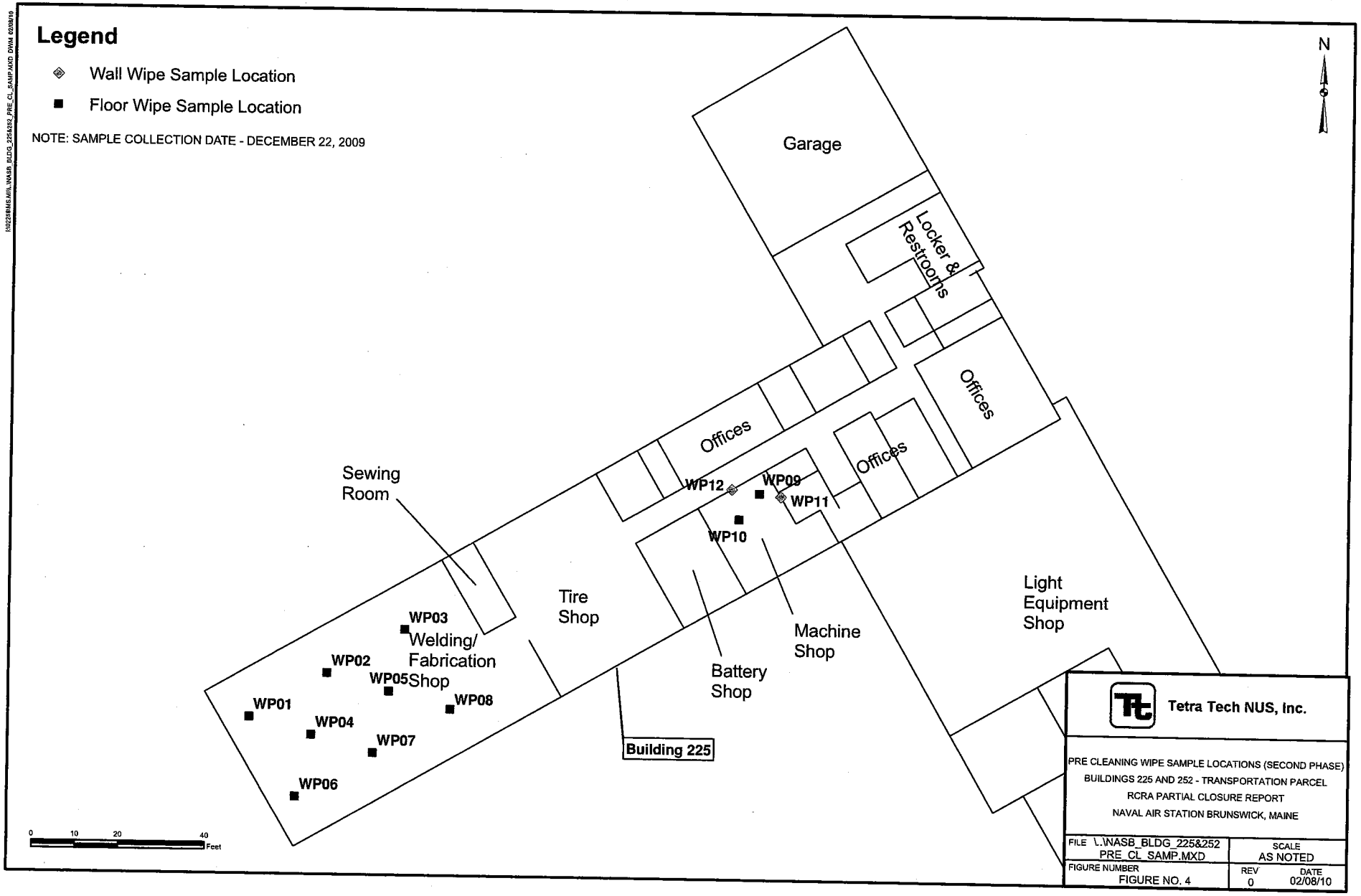
SITE LOCATION MAP
BUILDINGS 225 AND 252 - TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE

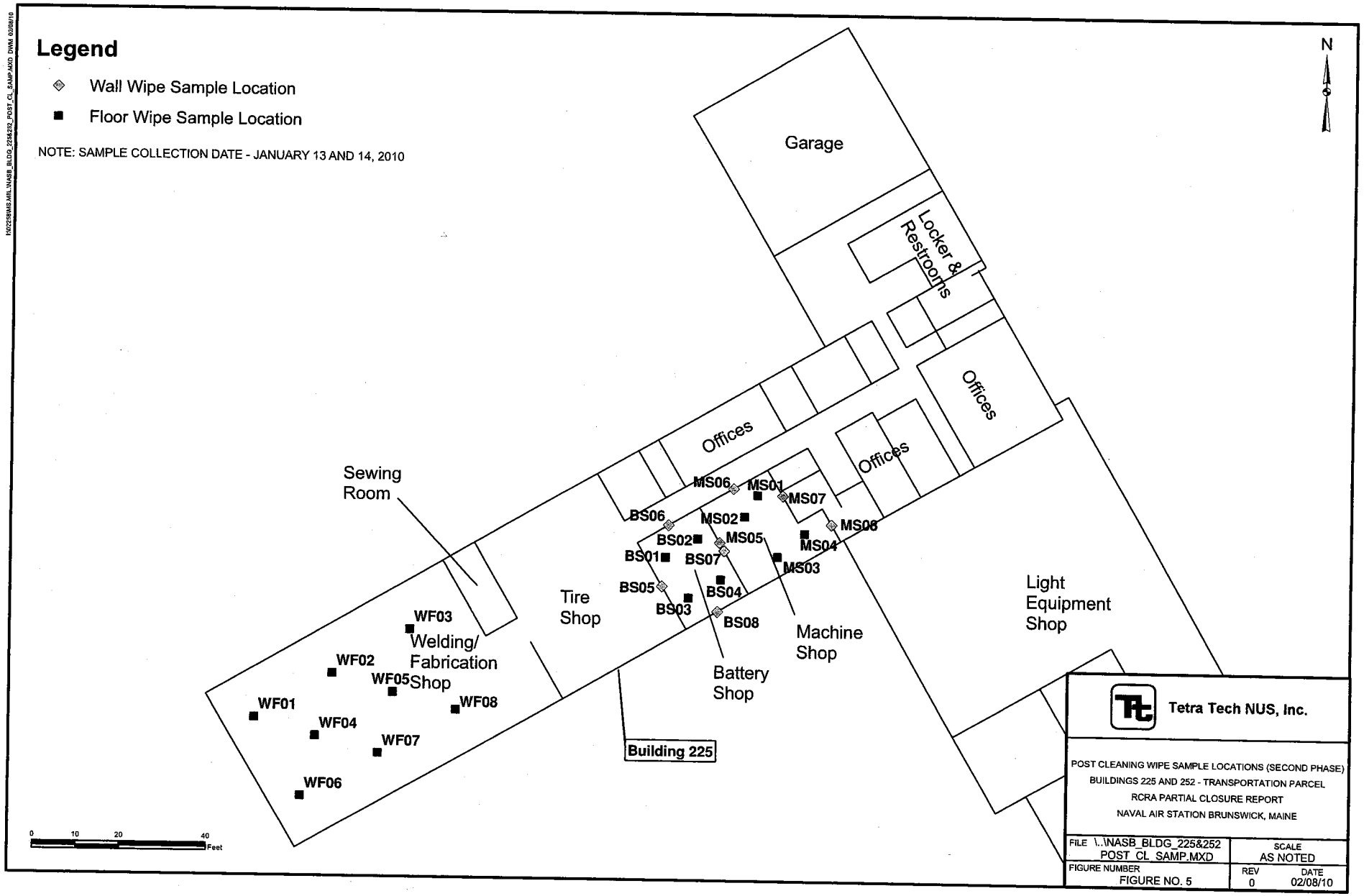
SCALE	
AS NOTED	
FILE	
I:\NASB_BLDG_225&252_LOCUS.MXD	
REV	DATE
0	02/08/10
FIGURE NUMBER	
1	

I:\02258\MS.MI\NASB_BLDG_225&252_SITE_PLAN.MXD DWM 02/08/10




MATCH LINE
NEW ADDITION
EXISTING BLDG. 225
MATCH LINE
(SEE SHEET NO 19)
EX. COMP. CENTRAL LUBE ETC
EAST EQUIP
NEW UH-6 MOUNTED
Terminate HWS at UH6 and connect HWR together
Do Not extend HWS/HWR piping into new Bldg. 252
NEW UH-5 MOUNTED @ 22' AFF
NEW UH-3 MOUNTED @ 5' AFF
PART FLOOR PLAN
SCALE 1/4" = 1'-0"
Provide electrical power to two Unit Heaters shown on drawing M-1. All work shall conform to the electrical requirements of the specifications.
MEZZ. BLDG. 225
CORRIDOR
MENS TOILET
MENS LOCKER
CPU
REFRIGERATOR UNITS
G.S.E. (NOT CONTRACT)
CEILING SUPPLY DIFFUSER 150 CFM
Relocate Wall Reg. As Shown to Avoid Steam Pipe
Relocate Radiation As Shown
8 FT LOUVER
SEE PLAN THIS SHEET
Notes:
Regarding the steel hot water heating system piping, shown on Drawing M1.
a. Delete the requirement for seamless steel pipe, and install continuous weld (CW) pipe in its place.
Delete all piping associated with the hose reel racks and the removal of the existing racks. This item incorporates RPPHO Item 1.
1/8" = 1'-0"
1/4" = 1'-0"
SPACE SCALES
REVISIONS
Do the room bldg. heating, shown on Drawing M-1:
(1) Remove existing continuous return pump and tank, and install government furnished duplex pump and tank set, Government will furnish pump and tank set without controls.
(2) Contractor to provide controls, duplex controller for 2-1/2 208V, 3/4 HP motors, and piping required to integrate into new system.
(3) Replace existing hot water tank with new government furnished 120 Gallon hot water tank. Reconnect elect. and water piping to new tank.
(4) This item incorporates RPPH by item #1.
Conversion, Verney & Pike, Inc
Consulting Engineers and Architects
768 Summer Street
Boston, Massachusetts 02210
(617) 542-2110
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION BRUNSWICK, MAINE
REPAIRS/ALTERATIONS TO BLDG. 225
PARTIAL FLOOR PLAN BLDG. 225
M-1
2106767
80091
22 of 33
TETRA TECH NUS, INC.
FLOOR PLAN
BUILDING 225 - TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE
\..\NASB_BLDG_225_FP.DWG
AS NOTED
FIGURE NO. 3
0
02/08/10


Legend
Wall Wipe Sample Location
Floor Wipe Sample Location
NOTE: SAMPLE COLLECTION DATE - DECEMBER 22, 2009
N
Garage
Locker & Restrooms
Offices
Offices
Offices
Sewing Room
Tire Shop
Welding/ Fabrication Shop
Battery Shop
Machine Shop
Light Equipment Shop
Building 225
WP01
WP02
WP03
WP04
WP05
WP06
WP07
WP08
WP09
WP10
WP11
WP12
0 10 20 40 Feet
Tetra Tech NUS, Inc.
PRE CLEANING WIPE SAMPLE LOCATIONS (SECOND PHASE)
BUILDINGS 225 AND 252 - TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE
FILE L:\NASB_BLDG_225&252 PRE_CL_SAMP.MXD
SCALE AS NOTED
FIGURE NUMBER FIGURE NO. 4
REV 0
DATE 02/08/10


Legend
Wall Wipe Sample Location
Floor Wipe Sample Location
NOTE: SAMPLE COLLECTION DATE - JANUARY 13 AND 14, 2010
N
Garage
Locker & Restrooms
Offices
Offices
Offices
Sewing Room
Tire Shop
Welding/ Fabrication Shop
Machine Shop
Battery Shop
Light Equipment Shop
Building 225
MS06
MS01
MS07
MS08
MS02
MS05
MS04
MS03
BS06
BS02
BS01
BS07
BS05
BS04
BS03
BS08
WF03
WF02
WF05
WF08
WF01
WF04
WF07
WF06
0 10 20 40 Feet
Tetra Tech NUS, Inc.
POST CLEANING WIPE SAMPLE LOCATIONS (SECOND PHASE)
BUILDINGS 225 AND 252 - TRANSPORTATION PARCEL
RCRA PARTIAL CLOSURE REPORT
NAVAL AIR STATION BRUNSWICK, MAINE
FILE \..\NASB_BLDG_225&252 POST_CL_SAMP.MXD
SCALE AS NOTED
FIGURE NUMBER FIGURE NO. 5
REV 0
DATE 02/08/10

ATTACHMENTS
RCRA PARTIAL CLOSURE REPORT
for
BUILDINGS 225 AND 252 – TRANSPORTATION
NAVAL AIR STATION BRUNSWICK, MAINE
USEPA IDENTIFICATION NUMBER ME8170022018

A - US EPA and MEDEP Memoranda and Reports (from MEDEP File Review)

B - RCRA Closure Checklist

C - Work Plan for RCRA Closure Activities (TtNUS, August 2008)

D - Trip Reports, Analytical Data and Closure Documentation

E – Correspondence - Electrical Transformer PCB Content

F – Public Works Transportation Manifests 1990-2002 Summary List

G – First Phase Cleaning Wipe Sample Results

H – Second Phase Cleaning Wipe Sample Results

I - Final Condition Photographs

A - US EPA and MEDEP Memoranda and Reports (from MEDEP File Review)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
J.F.KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203-2211

MEMORANDUM

DATE: May 7, 1992

SUBJ: RCRA Inspection - Naval Air Station (NASB), Brunswick, ME

FROM: John K. Gauthier, Chemical Engineer
ME, NH & VT Waste Regulation Section

TO: John Smaldone, Acting Chief
ME, NH & VT Waste Regulation Section

I. General Information

A. Facility Name: Naval Air Station, Brunswick
Brunswick, ME 04011

B. RCRA Contact: CDR Ronald E. Terry

C. Date of Inspection: September 5, 1991

D. Purpose of Inspection: Annual F/S/L Compliance Inspection

E. Personnel Participating in Inspection:

U.S. EPA - John Gauthier, RCRA
David Webster, RCRA
Daniel Granz, ESD
Dennisses Valdez, ESD
Timothy Bridges, ESD

Maine DEP- Camille Gagnon, BOHMC
Cherie Farr, BOHMC

NASB - LT CDR. Long
Mstr. Chief Rickel
Greg Appraham
Henry Beltramini

II. RCRA Reporting/Information Requirements

- Facility I.D. No. ME8170022018
- Type of Operation: Generator, Interim Status Storage Facility
- Notification of Operation: Generator, TSD, Transporter
- Date of Notification: August 18, 1980
- Date of Part A Submittal: November 5,1980
- Date of Part B Call by DEP: November 30, 1984

Building 225 - Temporary Hazardous Waste Storage Area

This building is permitted through October of 1991 to temporarily store hazardous wastes generated on-site. The ninety-day facility was inspected and found to be organized and well-segregated. Secondary containment was provided by berms. All hazardous wastes were dated and properly labeled.

Defense Reutilization and Marketing Office (DRMO)

NASB used to use building M020519Q1 at the DRMO for hazardous waste storage. This facility served as NASB's interim status storage facility. The building consists of two metal quonset huts placed together. This building has a six inch concrete berm around its perimeter. This building was recently approved for closure by the ME DEP.

No hazardous wastes were stored at the DRMO, however many records (i.e. manifests, shipping docs.) were still kept there.

Building 7 - Ground Support Equipment (GSE)

This satellite storage area contained two 10-gallon drums of antifreeze, one 10-gallon drum of thinner and epoxy paint, and one drum of diesel fuel.

Sample Locations and Results

See attached report from Daniel Granz on sample locations and results. Also attached is the sample validation package for all TCLP results as well.

Land Ban

NASB contracts for hazardous waste disposal through the DLA/DRMS as does most federal facilities. This has presented some logistical as well as compliance problems with the Land Disposal Restrictions in the past. There were numerour violations of the LDR that were encountered, although not as a result of the efforts from NASB staff (i.e. Mr. Beltramini). The problem appeared to be in the contract relationship with DRMS.

Record Review

Training records and spill plan appeared to be in order. Training records are retained for all hazardous waste coordinators, past and present.

Manifests from March 1990 to June 1991 reviewed. No problems were noted at that time.

To: Michael Hudson, ES IV

From: Juliette Garesche', ES III

Date: May 5, 1993

RE: Report for Hazardous Waste Generator Compliance Evaluation for United States Navy Base at Brunswick, Maine (USNB)

* *

I. Inspection Information

A. Facility: United States Navy at Brunswick (USNB)
Public Works
Box 33, Environmental Division
Brunswick, ME 04011
ph.#- 207-921-2445

B. EPA ID Number: ME8170022018

C. Type of Facility: Large Quantity Generator

D. Facility Contact: Lieutenant Commander Kirk Long
Environmental Division Director,
Greg Apraham
Mr. Don Rickel
Commanding Officer of the Base,
Captain Raucher
(Henry Beltramini retired 8/92)

E. Inspection Date: March 9, 10, 11, 1993

F. Inspection Participants:
Lt. Comdr. Kirk Long
Mr. Don Rickel, Environmental Services
Juliette Garesche', ES III, ME DEP
Barbara T. Parker, OHMS II, ME DEP
Cherrie Farr, ES II, ME DEP

G. Date of Last Inspection: March 25, 1992
February 6, 1990

II. Background

This inspection was conducted under the authority of the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S.A., Title 13, and the Department's Hazardous Waste Management Rules (the "Rules"). USNB was inspected for compliance with standards for generators of hazardous

use. No one was clear how often this material was removed to the SCA. When it was removed, it was poured to an open bucket, "sniffed" with a hand held tester, for halogens above 200 ppm. Then it is removed to the appropriate drum in the SCA.

BUILDING #611: TEST CELL

This area was inspected and no hazardous waste was identified. One 5-gallon, orange metal can was identified, marked "solvent rag can". The can was empty. KL stated that he had seen the can on a previous inspection. Because solvents are not used in this area he asked them to remove the can or repaint it. That request was made a week or two before this inspection.

HANGAR #1S

This vacant building was not inspected. It was under renovations at the time of the inspection. GA had concerns about how to dispose of debris from a wall that was found to have failed the TCLP test. He was told to send all hazardous waste contaminated debris to a licensed hazardous waste facility.

The SCA was inspected. No hazardous waste was stored there.

DEFENSE REUTILIZATION & MAINTENANCE ORGANIZATION

This building used to house the silver recovery unit. The fenced area within the building, where the unit used to reside, has been scrubbed clean as a part of the Closure Plan.

Behind Building #584 is a Quonset hut that was once used for hazardous waste storage. This hut too has been cleaned out as a part of the Closure Plan. The floor has been removed with the underlying 6-8 inches of soil. A black top floor has been laid. The Quonset hut is now used to store rags and paper.

BUILDING #93: THE OLD H.W. STORAGE AREA

This building was used as the hazardous waste storage area until three (3) weeks ago. It is a large garage type structure. There was a main bermed storage area surrounded by a one foot wide moat of frozen water. The area was empty of all drums and containers. This area was not included as part of the Closure Plan.

AUTO HOBBY SHOP

The hobby shop consisted of several areas. All were used by the base staff. The largest area was the garage. The only hazardous waste seen was a degreaser which is serviced regularly by Safety Kleen. They don't store batteries in this area. They had a spray booth in the past which wasn't used much. Now they only use spray cans to touch up auto bodies. An antifreeze recycler is on site.

KL and Andy, the manager of the hobby shop, agreed that the filter from the antifreeze recycler has not yet been changed. There is also a wood shop on site. No wood finishing is done there. A ventilation system was set up to handle the saw dust. There building also had washrooms and an office which rented recreational equipment.

NAVY EXCHANGE: SERVICE STATION

This location services vehicles. A 20-gallon degreaser is serviced by Safety Kleen. They recycle antifreeze and refrigerant. Waste oil is shipped off site as nonhazardous waste and oily rags are contracted off site once per week.

BUILDING #10: OLD PUBLIC WORKS BUILDING

This building was empty and slated to be demolished.

PUBLIC WORKS: OLD TRUMP BUILDING

This building was used at one time as the hazardous waste storage area. It is now a welding shop and body shop for trucks, forklifts and other equipment on base. It is a large building with several work areas. This is also the proposed site for a new elementary neutralization treatment unit.

In the area of the air station fleet service there was a battery room. It was used to drain the solution from lead acid batteries into 5-gallon carboys. A license is pending approval from the DEP to neutralized the sulfuric acid from this operation. Until that time, the acid is transported, 5-gallons at a time, to the AIMD building. The 5-gallon carboys used to transport the acid were not labeled as hazardous waste, they did not have accumulation start dates, and no daily log was kept of the inspection or transfer of the hazardous waste. The treatment sink and tank of dolomite limestone are in place, ready for use once the DEP approves the treatment system. Frank Douglas was called "the battery expert". When he was brought in for questioning he didn't know anything about the new treatment system or current practices for acid transport.

No hazardous waste was seen in the fork lift shop. One 5-gallon blue carboy marked "corrosive" was 1/4 full. When asked if it was waste no one knew. They thought it might be water.

The "old truck shop" was inspected next. It is used as an inspection bay before the actual work is performed on a vehicle. There is a sand blaster in this area that can be used to remove paint from parts. It is relatively new and blast media has not yet been sent off site or sampled.

The "light vehicle shop" had a degreaser which was serviced by Safety Kleen every 5-6 weeks. All of the manifests are processed through the Environmental Division. (Photo 39)

The "heavy weight truck shop" also had a large degreaser which was serviced by Safety Kleen each 5-6 weeks.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
J.F.K. FEDERAL BUILDING, BOSTON, MA 02203-2211

MEMORANDUM

DATE: July 22, 1993 - Revised September 1, 1993

SUBJ: Industrial Survey Report for RCRA Compliance Evaluation Inspection - U.S. Navy Naval Air Station, Brunswick, ME

FROM: Austine Frawley, Environmental Protection Specialist
RCRA Support Section Austine Frawley

THRU: Joan Jouzaitis, Senior Compliance/Enforcement Officer JJ
RCRA Support Section

TO: Bruce Marshall, Chief
RCRA Support Section

I. General Information

Facility Name and Address: US Navy Naval Air Station (NAS)
Brunswick, MA 04011
(207) 921-2445

RCRA Contact: Greg Apraham, Environmental Division Director
Public Work Department

Date of Visit: June 28-29, 1993

Purpose of Visit: Conduct a RCRA compliance evaluation inspection (CEI) as part of EPA's Federal Facility Multi-Media Initiative; follow-up to ME DEP March 9-11, 1993 CEI

Personnel Participating in Site Visit:

US EPA: Austine Frawley
Mel Cheeks
CPT Larry Jones, US Army, US EPA Federal Facilities Program

Brunswick NAS: Lt. Comdr. Kirk Long
Don Rickel
Dale Molsher

II. RCRA Reporting/Information Requirements

Facility I.D. No.: ME8170022018
Type of Operation: Generator, Interim Status Storage
Type of Operation for which notification has been received: Generator, TSDF, Transporter
Date of Notification: August 18, 1980

On June 30, we returned to the HWSA. We observed six 5 G carboys of photo processing waste, which were placarded for silver, but which were not labeled as hazardous waste. Base personnel stated that the waste material was being sent for off-site shipment rather than being recovered on-site at the AIMD building. The HWC was preparing labels for these containers at the time of the inspection.

Building 292, Fire Department

The Fire Department Building is located NW of Building 45. Inspectors observed the contents of an open flammables product storage locker, located outside of the building. No hazardous waste was observed.

Building 225, PWD Vehicle Maintenance Shop

Repair and maintenance of vehicles, forklifts and other Base equipment is performed in this building. At the time of the inspection, there was no maintenance or repair activity being done. Three waste oil tanks are located outside of the building. There is a closed system antifreeze recycling unit and two Safety-Kleen degreasers located in this building.

Lead Acid Battery Treatment: NAS has installed, but has not yet operated a lead battery acid neutralization unit in the Battery Shop located in this building. On June 24, 1993, the Base received a license by rule from the ME DEP to operate an elementary neutralization unit to treat electrolyte and battery acid/sulfuric acid. A copy of the license is included as Attachment 9 of this report.

According to the license, battery acid and electrolyte will be drained into a sink. This material will then enter the neutralization unit which contains limestone chips for neutralization at the rate of one gallon per hour. NAS estimates that it will neutralize approximately 25 gallons of waste sulfuric acid (EPA Hazardous Waste Number D002) per month. The neutralized acid will be discharged via the sanitary drain to the Brunswick Sewer System. Although the license requires NAS to test the effluent quarterly for pH and total lead, there are no lead parameters indicated nor is lead treatment discussed. The license states that the quarterly sampling will be inadequate to detect hazardous waste discharges to the sewer system. The license states that NAS has applied for a discharge permit from Brunswick Sewer District.

In correspondence dated April 1 and 2, 1993, (Attachment 10 of this report) the Brunswick Sewer District informed NAS that the District required additional information on the treatment unit and its discharge before a determination on the need for a discharge permit could be made. The correspondence does not

state which specific constituents or characteristics would be reviewed. The District further stated that the evaluation would be made by their consultant and that NAS would have to pay for the evaluation. At the time of the inspection, NAS had not pursued this option further. Please see additional information on lead acid battery treatment at the Post Inspection section of this report.

A sand blasting unit is located in the Transportation Unit of the building. We were told that "Black Beauty" media is used to remove paint and carbon from parts. We observed the spent, black/grey colored material from the operation of the unit, which is collected in an open topped metal tray beneath the unit. We were told that the unit has been in use for 6-8 years. The facility recently sampled the material but had not yet received the analytic results. On July 27, 1993, NAS forwarded copies of the analytical results for blast media generated in Building 250 (AIMD Building) which showed the waste was hazardous for lead and chromium. Copies of the test results are included as Attachment 14 of this report.

Accumulation Points

Free-standing wooden structures are used as waste accumulation points for wastes generated at the five hangars, AIMD building, Ground Support building, and the Sonobuoy locker. All sheds were designed with metal gratings covering shallow concrete depressions, on top of which waste containers were located. The structures are roofed, three sided, and a locked chain link doors in the front. The doors were covered with a yellow tarp. All storage areas were properly posted and all had adequate safety and spill equipment located adjacent to the area. In most instances, similar storage areas for hazardous and non-hazardous waste were adjacent to each other. Daily inspection logs of the areas are maintained by the HWC for each building.

Most of the containers stored in these areas had a large, metal, locked funnel inserted into the bung holes. Hazardous waste drums were labeled, marked with the type of waste they were to contain, and color coded based on the type of waste they held. All hazardous waste containers were marked with an accumulation start date. The date 90 days from the accumulation start date was also indicated. NAS personnel stated that it is Base policy not to store waste in satellite accumulation for greater than 90 days.

Hangar 3, VP Squadron 23 and SCA

Airplane maintenance operations generate hazardous waste paint, halogenated and non-halogenated solvent wastes and non-hazardous fuel and oil. There were two SCAs located outside of Hangar 3. The hazardous waste SCA contained a total of three 15 G drums,

To: US Naval Air Station -- Brunswick

From: Cherrie M. Farr

Date: June 23, 1994

RE: Report for Generator Hazardous Waste Management Compliance Evaluation on June 8-10, 1994

* *

I. Inspection Information

A. Facility Name:

US Naval Air Station - Brunswick
bounded by Routes 24 & 123
Brunswick, ME 04011

B. Facility Contact:

Lt. Cmdr. Kirk Long
(207)921-2445

C. Inspection Date:

June 8, 9, 10, 1994

D. Inspection Participants:

Cherrie M. Farr, ES II, ME DEP
Juliette Garesche', ES III, ME DEP
Lt. Cmdr. Kirk Long, BNAS
Dale Mosher, BNAS
Don Rickel, BNAS

E. Facility Information:

EPA ID Number:	ME8170022018
Licenses:	NPDES ME0000493
	LBR 0-26-95-B-N
Facility Type:	Hazardous Waste Generator
Inspection Type:	Generator Hazardous Waste Management Compliance Evaluation

the dates June 9 and 10 had the words "no inspection" written in. We told BNAS that we did not believe this SCA was appropriate. There were more than one point of generation for the satellite area. Some of the generators were across a street from the SCA.

Boiler House
Any painting done at the boiler house went to the SCA across the street at the paint shop. Any cleaning jobs use "Simple Green". Most of the waste generated here was waste oil. During our inspection a new underground storage tank was being installed.

Transportation Building 225
BNAS was considering an elementary neutralization unit for the transportation building during our last inspection. They decided not to get one due to the lead problems found in the AIMD neutralization unit. Dead automotive batteries are sent to DRMO for recycling.

June 10

Hazardous Waste Storage Building #45
The hazardous waste storage area is under the direct control of the Public Works Environmental group. The area was locked with the appropriate signage in place. Empty drums were stored behind a chain link fence directly adjacent to the building. The northeast corner of the building was for corrosive storage. Center north of the building was for flammable storage. The northwest corner of the building was for toxic hazardous waste. The southeast corner of the building was the office where paperwork and the phone was located. The entire south side, except the office, was for non-hazardous waste storage. The center of the room was clear. The flammable storage area was walled off from the other areas by concrete walls and a locking door. The containment in each area sloped in to itself.

Small bottles were placed in small containment pans and placed on a shelf in the corrosive section. The pans that the bottles were in were labelled "Hazardous Waste" and had 90-day start date on them. A 5-gallon container of hydrochloric acid, a 5-gallon container of battery acid, two lead acid batteries, and eight Ni-Cad batteries had their own plastic containment pans on the floor. Acids and bases were in the same section but the plastic pans were being used as secondary containment. Every container in this section had hazardous waste labels and 90-day start dates.

Four mini containment pans were on the shelves in the toxics section of the storage area. The pans were labelled with the words "Hazardous Waste" and the 90-day date. Five 55-gallon drums of solvent-contaminated waste oil were in the center of the section, all with the same 90-day start date.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number P - 261 - 95

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): BRUNSWICK NAVAL AIR STATION

Address: BATH RD Town: BRUNSWICK

State: ME Zip: 04011 Telephone: (207) 921-1110

Comments:

LOCATION / FACILITY INFORMATION

Spill Location: BRUNSWICK NAVAL AIR STATION

Address: BATH RD Location ID: 22215

Town: BRUNSWICK Zip: 04011

Latitude N: / / Longitude W: / /

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 20.99 G (Gals, Yds3, Lbs or Bbls)

Product Reported Spilled: 86 (Table B) Product Actually Found: 86 (Table B)

Date Of Spill: Time Of Spill: (Military)

Date Reported: Apr. 05, 1995 Time Reported: (Military)

Cause Of Spill: 04 (Table C) Detection Method: 6 I (Table D)

Incident Code: H - NA - S - (Table E)

DEP response time involved: 8 Wells At Risk: 0 Wells Impacted: 0

Investigators' names : BERNARD, SHERYL

PERSON REPORTING EVENT

Name (Last, First, MI): AMERITECH ENVIRONMENTAL SERVICES

Address: P. O. BOX 2808 Town: SOUTH PORTLAND

State: ME Zip Code: 04116-2808 Telephone:

DEC 01 1995

CLEAN-UP INFORMATION

Spill Number P- 261 -95

Total Product Recovered : 20.99 G (Gals, Yds3, Lbs, Tons or Bbls)

Method of Recovery : G

Non Recyclable : (Gals, Tons or Bbls)

Solids Combustible : (Yds3 or Tons)

Solids Non Combustible : Yds3

Recyclable : 44.35 T (Gals, Yds3, Lbs, Tons or Bbls)

Number Filters Installed : 0

Number Aerators Installed : 0

Disposal Information : CONTAMINATED SOIL TO COMMERCIAL RECYCLING.

OTHER ACTIONS

Expenditure (s) -	From Surface Water Fund	N	(Y or N)
	From Ground Water Fund	N	(Y or N)
	From Haz Waste Fund	N	(Y or N)
Third Party Damage Claim Expected		N	(Y or N)
Enforcement Referral		N	(Y or N)
Insurance Fund Claim		N	(Y or N)
Tech Services Referral		N	(Y or N)

UNDERGROUND TANKS INFORMATION

UNO/UST Site Number	Tank Number	Size Of Tank	Tank Material	Tank Age	Piping Material	Tank Status

Please use separate sheets of paper, as needed, for your detailed Recommendations and Spill Narrative. Remember to include/attach directions to find spill site (with a map if possible), all observations made, clean up actions performed and photos (if taken).

Include known chemical names when report is about Hazardous Materials.

Please, document your information carefully. It may be needed for future reference or legal action.

P-261-95 Brunswick Naval Air Station

On 4/5/95 I received a call from Gretchen Pickhard, a private consultant, indicating that she had been hired by AmeriTech to conduct soil screening at a hydraulic oil spill at building 225 on the base in Brunswick. I had talked to Ron Smalley of AmeriTech about this some months previous. The spill occurred as the result of a leaking underground hydraulic lift at a vehicle maintenance facility. Gretchen was looking for a set point to set her PID for screening of the soils. I advised her that PID screening was probably not appropriate for this type of contamination. I indicated that the fuel oil set point would probably give her the closest reading.

On 5/16/95 I visited the site and observed the lift being removed. A hole in the lift was discovered. Contaminated soil and a small amount of free product was also observed. I had determined the site to be a Baseline-1 cleanup goal. I presented the option of removing the contaminated soil, which was underneath the building, or conduction a thorough hydrogeologic investigation to determine the exact area of the contamination. Some time went by, AmeriTech was fired by the base, and in the end Clean Harbors was hired to remove the floor in the building and excavate the required amount of contaminated soil. On June 28, 1995 the soil was excavated into rolloff containers and was taken to Commercial Recycling for disposal. No further action required.

Sheryl J M Bernard

SHERYL J. M. BERNARD
OIL & HAZARDOUS MATERIALS SPECIALIST II

DEP HYDROCARBON SPILL DECISION TREE (February 1995)

Spill No. P 26d 95

Investigator: Sheryl Bernard

Town: Brunswick

Site Name, Address: BNAS

Date: 5 16 95

Please circle your responses:	If "Yes" Go To	If "No" Go To
1. Is a **public water supply well** located within 2000 feet of the leak or discharge site, or is the site located within wellhead protection zones 1 or 2 of a public water supply well?	12	2
2. Is the leak or discharge site located in or over a **sand and gravel** deposit?	2A	3
2A. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone**?	2B	12
2B. Is there potential for **vapor problems** within buildings or for a confined space fire or explosion hazard?	13	11A
3. Was the release directly into **bedrock** or is the bedrock groundwater system contaminated?	9	4
4. Was the release directly into a **glacial till** deposit?	9	5
5. Was the release into a **silt or clay** deposit?	6	N/A
6. Is there at least **10 feet of silt and/or clay** between the contaminated zone and underlying more permeable surficial deposits (such as glacial till or sand and gravel) or bedrock?	7	9
7. Are the area's **gradients** approximately horizontal (topographic gradient flat or groundwater gradient <1%)?	8	9
8. Does the seasonal low of the water table fall below the top of the underlying aquifer (sand and gravel deposit or bedrock)? If unknown, the answer is yes.	9	10
9. Is the area within 2000 feet downgradient or 1000 feet upgradient served by a **public water supply**?	10	12
10. Is there potential for **vapor problems** within buildings or for a confined space explosion hazard?	13	11
11. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone**?	11A	13
11A. Is the site now or in the past been in a predominantly industrial land use?	14A	14B

Check clean-up goal decided upon:

_____ 12. **Stringent (ST) Clean-Up Goals** Remove all free product. Remove or remediate contaminated soil containing greater than 10 ppm total fuel oil or kerosene, or 5 ppm total gasoline as determined by DEP-approved laboratory methods. Remediate groundwater containing greater than 50 ug/l total hydrocarbons (gasoline, kerosene, or fuel oil by DEP approved laboratory analytical methods or field techniques), 50 ug/l MTBE, and 5 ug/l benzene by DEP or EPA approved methods.

_____ 13. **Intermediate (IN) Clean-Up Goals** Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg total fuel oil or kerosene, or 5 mg/kg total gasoline as determined by DEP-approved laboratory methods or equivalent DEP-approved field techniques.

X 14A. **Baseline-1 (BL1) Goals** Remove all free product. Remove or remediate soil saturated with gasoline, kerosene, or fuel oil.

_____ 14B. **Baseline-2 (BL2) Goals** Remomve all free product. Remove or remediate contaminated soil to: 500-1,000 ppm gasoline or 200-400 ppm heating oil or kerosene, each as measured by the DEP field headspace analysis or its Department approved equivalent field method.

_____ **Other (Specify):** _____ Complete justification below.

Note: Where there is significant uncertainty regarding the identity of the product, the lower oil standards shall apply; and, in the stringent category, groundwater shall be analyzed for MTBE and benzene.

JUSTIFICATION OF ALTERNATE CLEAN-UP GOAL:

NOTE: This form must be included in the case's Spill Report if completed by Division of Response Services staff. Other Bureau staff must include this documentation in the project file.

MAINE ENVIRONMENTAL LABORATORY
198 Main Street, Yarmouth, Maine 04096-1690

TEL. 207-846-6869
TEL. 207-846-4673
FAX 207-846-9464

R. Smalley
AmeriTech Environmental Services
S. Portland, ME

Sample ID : BNAS - 02
Project No. : BNAS - Vehicle lift
Sampled by : R. Smalley
Date Sampled : 05/23/95
Date Received: 05/23/95

Lab ID : AES01195-01

Report : 06/06/95

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

Parameter	TCLP Results mg/L	Date Analyzed	Detection Limit mg/L	Regulatory Limit mg/L	Spike Recovery
Arsenic	<0.04	05/31/95	0.04	5.0	80.0 %
Barium	0.5	05/25/95	0.5	100.0	89.0 %
Cadmium	<0.01	05/25/95	0.01	1.0	103.0 %
Chromium	<0.2	05/25/95	0.2	5.0	104.0 %
Lead	0.1	05/25/95	0.1	5.0	92.0 %
Mercury	<0.002	05/31/95	0.002	0.2	95.0 %
Selenium	<0.04	06/01/95	0.04	1.0	97.0 %
Silver	<0.1	05/25/95	0.1	5.0	** %

Extraction Data

Initial pH: 7.38 pH units
Final pH: 5.05 pH units
Extraction: 18 hours
Extraction: Fluid #1
Extraction: 05/23/95

Extraction Fluid #1 is 0.57% acetic acid adjusted to pH 4.93 (+/- 0.05 pH units) with 1.0N NaOH.

METHODOLOGY REFERENCES

Arsenic	1311 Federal Register/7060 SW-846
Barium	1311 Federal Register/7080 SW-846
Cadmium	1311 Federal Register/7130 SW-846
Chromium	1311 Federal Register/7190 SW-846
Lead	1311 Federal Register/7420 SW-846
Mercury	1311 Federal Register/7470 SW-846
Selenium	1311 Federal Register/7740 SW-846
Silver	1311 Federal Register/7760A SW-846

** Matrix spike recovery is below acceptable limits analysis is by the method of standard additions.

AMERITECH

FAX COVER SHEET

DATE: 6/21/95

OF PAGES INCLUDING THIS ONE: 10

TO: Mr. Brett Branham

FAX #: 729-5018

FROM: Ron Smalley

MESSAGE:

Ray Asked me to Fax this to you.
Call with any Questions.

E N V I R O N M E N T A L S E R V I C E S
P.O. Box 2808 • South Portland, ME 04116-2808 • Phone 207-828-5136 / 1-800-400-1400 • Fax 207-773-2125

MAINE ENVIRONMENTAL LABORATORY
198 Main Street, Yarmouth, Maine 04096-1690

TEL. 207-846-6869
TEL. 207-846-4673
FAX 207-846-9064

Ron Smalley
AmeriTech Environmental Services
PO Box 2808
South Portland, ME 04116

June 06, 1995

Report No.: AES011-95

Enclosed are the results of the analysis of your sample(s). Samples were received in acceptable condition and were analyzed within the holding times specified in the referenced methods. All quality control data including method blank samples, matrix spike samples, duplicate samples and laboratory control samples were within laboratory acceptance limits. If you have questions regarding this report, please do not hesitate to call.

Sample Identification	Laboratory ID	Comments
BNAS - 02	AES01195-01	Matrix Spike QC Report

REFERENCES

SW8 - SW/846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, Third Edition, 1986.

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes USEPA, Cincinnati, Ohio, March, 1983.

STM - Standard Methods for the Examination of Water and Wastewater, 18th Edition, APHA,AWWA,WPCF, 1992.

Maine Environmental Laboratory is certified by the states of Maine, Massachusetts and New Hampshire. A list of actual certified tests is available upon request.

Authorized signature

Herbert S. Kodis, Laboratory Director

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006 RI A65

CERTIFICATE OF ANALYSIS

Client: Maine Environmental Labs

Address: 198 Main Street

Yarmouth, ME 04096

Attn: Tammy MacLeod

Project Number: AES011-95

Site:

Laboratory Job Number: L9503973

Invoice Number: 74291

Date Received: 25-MAY-95

Date Reported: 07-JUN-95

Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L9503973-01	BNAS-02	
L9503973-02	BNAS-02 TCLP EXTRACT	

Authorized by: Scott McLean - Laboratory Director

06079509:23 Page 1

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006 RI A65

Laboratory Sample Number: L9503973-01
ENAS-02
Sample Matrix: SOLID

Date Collected: 23-MAY-95
Date Received : 25-MAY-95
Date Reported : 07-JUN-95

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1 Glass

PARAMETER	RESULT	UNITS	RDL	REP	METHOD	DATES PREP	DATES ANALYSIS	ID
TCLP Volatile Organics				1	8260		01-Jun	DB
Benzene	ND	mg/l	0.005					
Carbon tetrachloride	ND	mg/l	0.005					
Chlorobenzene	ND	mg/l	0.018					
Chloroform	ND	mg/l	0.0075					
1,4-Dichlorobenzene	ND	mg/l	0.05					
1,2-Dichloroethane	ND	mg/l	0.0075					
1,1-Dichloroethene	ND	mg/l	0.0075					
Tetrachloroethene	ND	mg/l	0.0075					
Trichloroethene	ND	mg/l	0.005					
Vinyl chloride	ND	mg/l	0.018					
Methyl ethyl ketone	ND	mg/l	0.05					
SURROGATE RECOVERY								
Toluene-d8	102.	%						
4-Bromofluorobenzene	99.0	%						
Dibromofluoromethane	105.	%						
TCLP Extraction				1	1311	30-May		

Comments: Complete list of References and Glossary of Terms found in Addendum I

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ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006 RI A65

Laboratory Sample Number: L9503973-02
Sample Matrix: BNAS-02 TCLP EXTRACT LIQUID

Date Collected: 23-MAY-95
Date Received : 25-MAY-95
Date Reported : 07-JUN-95

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 3 Amber Glass

PARAMETER	RESULT	UNITS	RDL	REP	METHOD	DATES PREP	DATES ANALYSIS	ID
TCLP Semi-Volatile Organics				1	8270	30-May	08-Jun	IG
Cresol, Total	ND	mg/l	0.029					
2,4-Dinitrotoluene	ND	mg/l	0.015					
Hexachlorobenzene	ND	mg/l	0.011					
Hexachloro-1,3-butadiene	ND	mg/l	0.032					
Hexachloroethane	ND	mg/l	0.020					
Nitrobenzene	ND	mg/l	0.0076					
Pentachlorophenol	ND	mg/l	0.0368					
2,4,5-Trichlorophenol	ND	mg/l	0.019					
2,4,6-Trichlorophenol	ND	mg/l	0.011					
Pyridine	ND	mg/l	0.10					
SURROGATE RECOVERY								
2-Fluorophenol	16.0	%						
Phenol-d6	24.0	%						
Nitrobenzene-d5	72.0	%						
2-Fluorobiphenyl	102.	%						
2,4,6-Tribromophenol	75.0	%						
4-Terphenyl-d14	133.	%						
TCLP Pesticides				1	8080	30-May	01-Jun	AL
Chlordane	ND	mg/l	0.01					
Endrin	ND	mg/l	0.001					
Heptachlor	ND	mg/l	0.001					
Heptachlor epoxide	ND	mg/l	0.001					
Lindane	ND	mg/l	0.001					
Methoxychlor	ND	mg/l	0.002					
Toxaphene	ND	mg/l	0.01					
SURROGATE RECOVERY								
2,4,5,6-Tetrachloro-m-xylene	103.	%						
Decachlorobiphenyl	109.	%						
TCLP Extraction				1	1311	23-May		

Comments: Complete list of References and Glossary of Terms found in Addendum I

06079509:23 Page 3

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9503973-02
BNAS-02 TCLP EXTRACT

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	DATES ANALYSIS	ID
TCLP Herbicides				1	8150	26-May	31-May	AL
2,4-D	ND	mg/l	0.005					
2,4,5-TP	ND	mg/l	0.005					
TCLP Extraction				1	1311	24-May		

Comments: Complete list of References and Glossary of Terms found in Addendum I

06079509:23 Page 4

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE MS/MSD ANALYSIS

Laboratory Job Number: L9503973

Parameter	MS %	MSD %	RPD
TCLP Volatile Organics	**MS/MSD for sample(s) 01**		
Benzene	109	99	10
Carbon tetrachloride	96	86	11
Chlorobenzene	101	91	10
Chloroform	112	104	7
1,4-Dichlorobenzene	91	89	2
1,2-Dichloroethane	104	102	2
1,1-Dichloroethene	121	96	23
Tetrachloroethene	94	83	12
Trichloroethene	100	92	8
Vinyl chloride	111	88	23
Methyl ethyl ketone	96	87	10
SURROGATE RECOVERY			
Toluene-d8	103	103	0
4-Bromofluorobenzene	96	93	3
Dibromofluoromethane	107	115	7
TCLP Semi-Volatile Organics	**MS/MSD for sample(s) 02**		
Cresol, Total	8	5	46
2,4-Dinitrotoluene	106	94	12
Hexachlorobenzene	106	96	10
Hexachloro-1,3-butadiene	71	54	27
Hexachloroethane	74	62	18
Nitrobenzene	68	67	1
Pentachlorophenol	65	17	117
2,4,5-Trichlorophenol	26	5	135
2,4,6-Trichlorophenol	28	6	129
Pyridine	19	7	92
SURROGATE RECOVERY			
2-Fluorophenol	2	1	67
Phenol-d6	2	1	67
Nitrobenzene-d5	70	69	1
2-Fluorobiphenyl	88	79	11
2,4,6-Tribromophenol	38	8	130
4-Terphenyl-d14	122	133	9

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE MS/MSD ANALYSIS

Laboratory Job Number: L9503973

Continued

Parameter	MS %	MSD %	RPD
TCLP Pesticides	**MS/MSD for sample(s) 02**		
Endrin	92	101	9
Heptachlor	86	98	13
Heptachlor epoxide	71	83	16
Lindane	62	86	32
Methoxychlor	110	122	10
SURROGATE RECOVERY			
2,4,5,6-Tetrachloro-m-xylene	85	94	10
Decachlorobiphenyl	60	64	6

ALPHA ANALYTICAL LABS
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.

GLOSSARY OF TERMS AND SYMBOLS

< Indicates analyte not detected at stated value, i.e. Reporting Detection Limit.

REF Reference number in which test method may be found.

METHOD Method number by which analysis was performed.

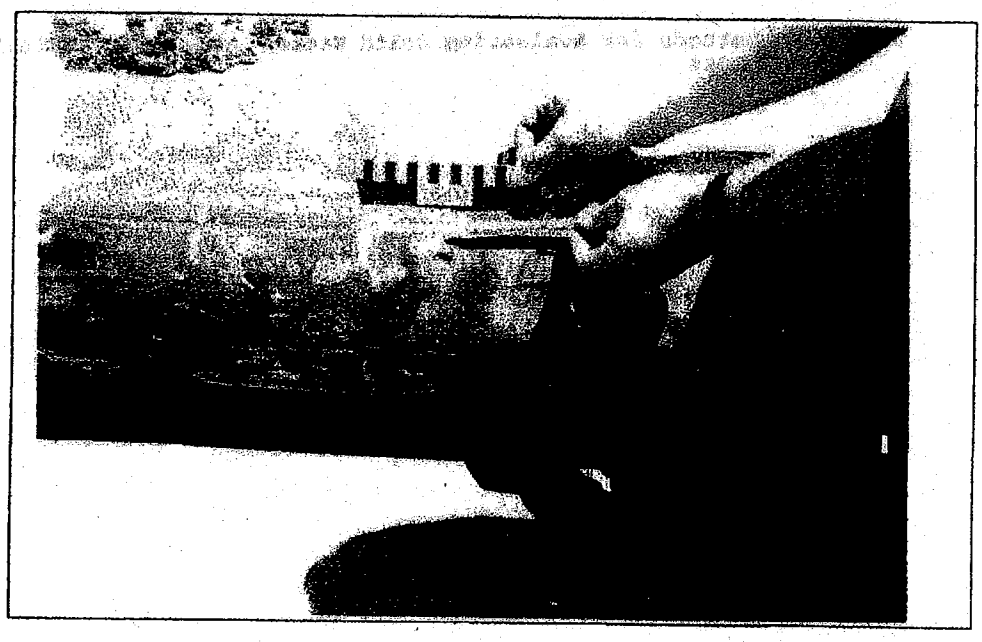
ID Initials of the analyst.

SPILL REPORT PHOTO LOG

SPILL #: P-261-95
DATE TAKEN: 6/28/95
TAKEN BY: S. Bernard
PHOTO #: 1
COMMENTS: Hole in hydraulic lift.

COMPANY NAME: Brunswick Naval Air Station

SITE LOCATION: BNAS, Brunswick



SPILL #: P-261-95
DATE TAKEN: 6/28/95
TAKEN BY: S. Bernard
PHOTO #: 2
COMMENTS: Open excavation.

COMPANY NAME: Brunswick Naval Air Station

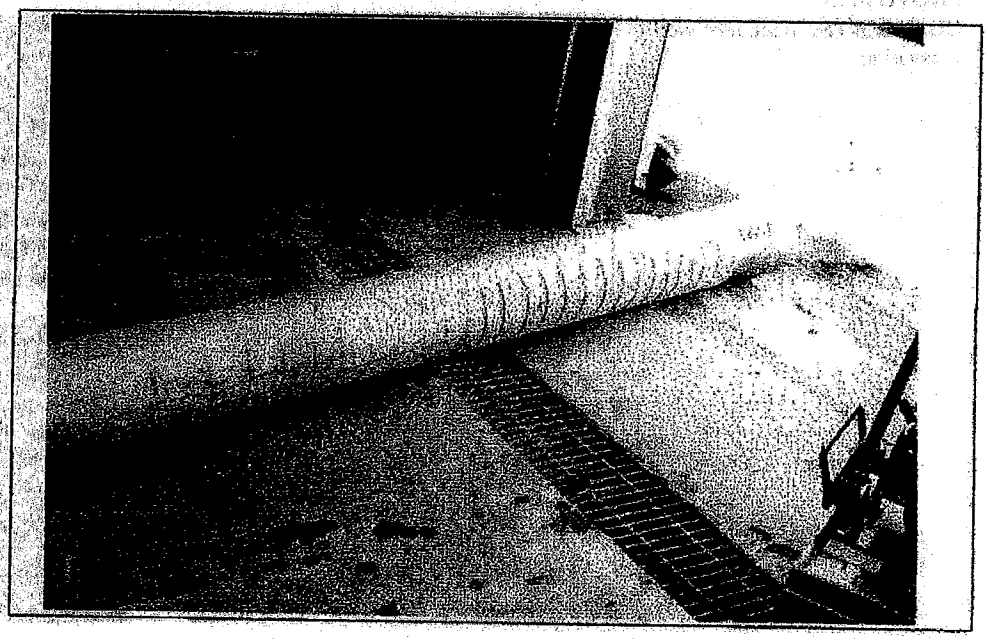
SITE LOCATION: BNAS, Brunswick

SPILL REPORT PHOTO LOG

SPILL #: P-261-95
DATE TAKEN: 6/28/95
TAKEN BY: S. Bernard
PHOTO #: 3
COMMENTS: Slotted pipe installed in excavation

COMPANY NAME: Brunswick Naval Air Station

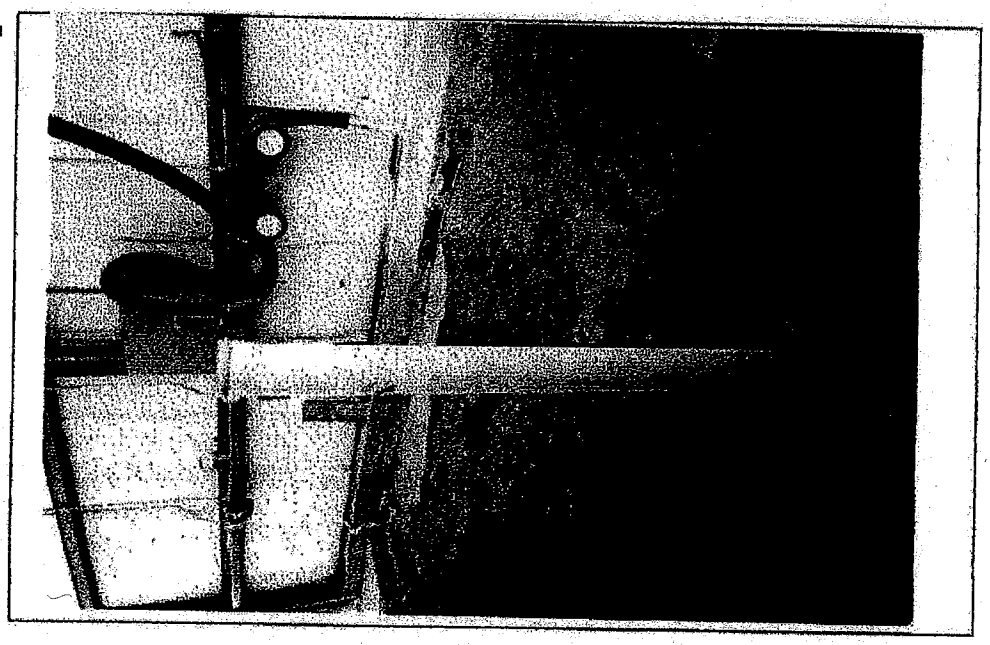
SITE LOCATION: BNAS, Brunswick



SPILL #: P-261-95
DATE TAKEN: 6/28/95
TAKEN BY: S. Bernard
PHOTO #: 4
COMMENTS: Recovery well in excavation.

COMPANY NAME: Brunswick Naval Air Station

SITE LOCATION: BNAS, Brunswick

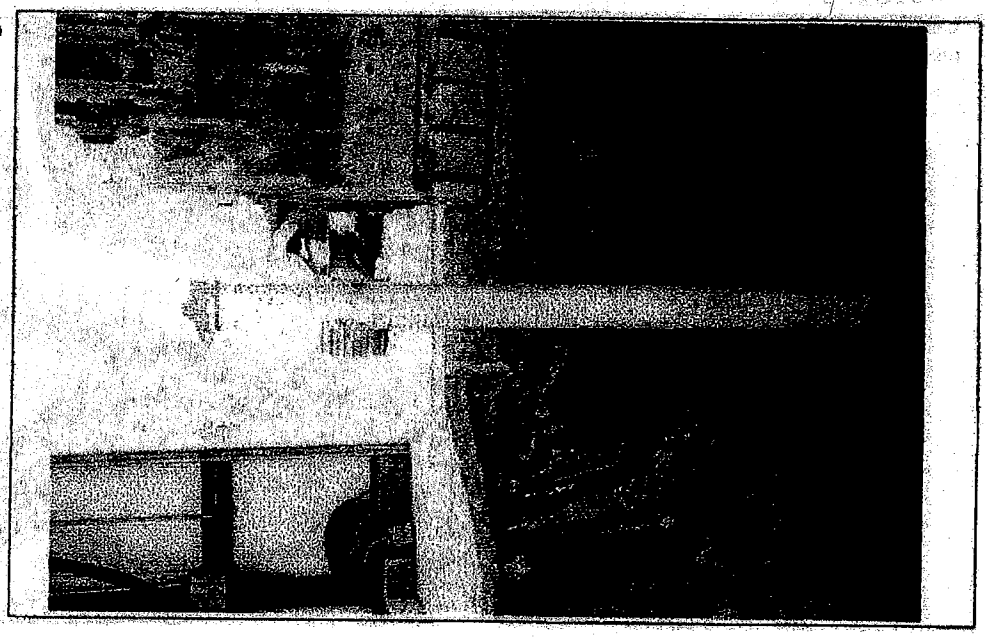


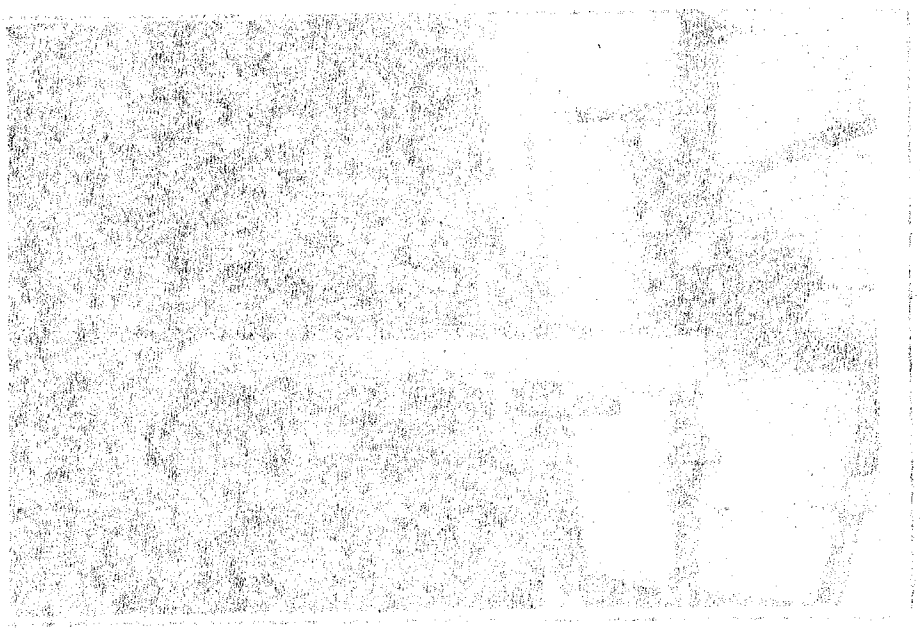
SPILL REPORT PHOTO LOG

SPILL #: P-261-95
DATE TAKEN: 6/28/95
TAKEN BY: S. Bernard
PHOTO #: 5
COMMENTS: Recovery well in excavation.

COMPANY NAME: Brunswick Naval Air Station

SITE LOCATION: BNAS, Brunswick





DEPARTMENT OF THE NAVY
NAVAL AIR STATION
BRUNSWICK, MAINE 04011-5000

IN REPLY REFER TO
5090
Ser N8B/153
May 2, 2007

Mr. Richard M. Currie
17 State House Station
Augusta, Maine 04333-0017

SUBJECT: NOTICE OF VIOLATION, U.S. NAVAL AIR STATION, BRUNSWICK

Dear Mr. Currie:

Please reference your letter (Certified Mail #7002 3150 0003 4308 2048) dated March 29, 2007, related to the Notice of Violation. The following response outlining corrective actions is submitted in order of the requirements listed in the Compliance Schedule:

1. "Henceforth, comply with 38 M.R.S.A. Section 1301 through 1310-Y and all applicable standards of the Rules, Chapter 850 through 857, pertaining to generators of hazardous waste."

a. NAS Brunswick is committed to ensuring and maintaining compliance with all applicable standards of the Rules, Chapter 850 through 857, pertaining to generators of hazardous waste.

2. "Henceforth, ensure all hazardous waste is collected and managed in accordance with the Rules."

a. NAS Brunswick Environmental Department held a training session on April 12, 2007, with all available personnel from the Medical Department. The training guide and roster are attached as enclosure (1). Training topics discussed were:

(1) Identifying a hazardous material.

(2) Procedures for proper disposal of waste generated after using a hazardous material.

(3) Response procedures for hazardous waste spill.

3. "Immediately, discontinue the practice of discharging hazardous waste methanol to the sanitary sewer."

a. The process that uses methanol has been relocated to ensure no further discharges to the sanitary sewer system.

b. The Medical Department, in coordination with the Environmental Department, has established a satellite accumulation area (i.e., the Medical Lab) to collect all waste associated with the methanol usage. Other actions include:

(1) A flammable material locker is in place in the Medical Lab to store the waste as well as the virgin product.

(2) Proper labels are affixed to all entrances to the SAA.

(3) The operator of the SAA attended the training session and has been briefed on the importance of waste identification and proper handling. In addition, the operator has received SAA-specific training. The training guide and roster are attached as enclosure (2).

(4) This SAA has been included in the NASB Environmental Audit Program.

4. "Henceforth, conduct hazardous waste determinations on all waste generated by U.S. Naval Air Station Brunswick."

a. NAS Brunswick held a special meeting of assigned Environmental Coordinators to establish new policies for hazardous waste identification. The attendance roster and topics discussed are forwarded as enclosure (3).

b. An in-depth review of processes that use hazardous material is in progress. The main focus is to ensure the appropriate product is being used and to determine the characteristics of the waste that could be generated.

5. "Henceforth, ensure all treatments of hazardous waste are licensed by the department prior to use."

a. NAS Brunswick immediately discontinued the practice of puncturing empty aerosol cans when the DEP questioned this process. At that point, any accumulated residuals were combined with a paint solvent drum to be disposed of as hazardous waste.

6. "Henceforth, comply with the special requirements for managing universal waste pursuant to the Rule, Chapter 850, Section 3(A)(13)."

a. NAS Brunswick has established a new policy that:

(1) All spent fluorescent lamps will be transported in containers that are properly closed and labeled with the date and command information.

(2) Universal waste generated at a facility will be given directly to or picked up by the operator at Building 45 (i.e., the less-than-90-day storage facility). The outside storage building at Building 45 is to be used only when the Building 45 facility operator is not immediately available. This outside storage building is checked at least twice a day during normal working hours.

b. An All-Hands message to inform all base employees of universal waste regulations and procedures was sent via e-mail on May 1, 2007, and will be published in the Station's Plan of the Week. The All-Hands e-mail is provided as enclosure (4).

7. "On or before May 15, 2007, submit to the Department, sample results for Maine waste oil parameters for a sample of waste oil from the waste oil tank in the Auto Hobby Shop."

a. Analysis Report AJ03975 for waste oil parameters is submitted as enclosure (5) for a sample of waste oil from the waste oil tank at the Auto Hobby Shop.

b. Clean Harbors Manifest Number 000911064FLE for the disposal of the contaminated waste oil is provided as enclosure (6).

c. To ensure no future occurrence of waste oil contamination, the Auto Hobby Shop , in coordination with the Environmental Department, has instituted the following policies:

(1) The Auto Hobby Shop will require the use of a break cleaner that does not contain listed solvents. Options include:

(a) Isopropyl wipes.

(b) Isopropyl Heptane aerosol cleaner.

(c) Citrus-based brake parts washer.

(2) The Auto Hobby Shop will no longer accept waste oil unless it is generated on-site.

(3) Only Auto Hobby Shop personnel are allowed to add fluids to the waste oil tank.

(4) When a patron is using a solvent cleaner, the Auto Hobby Shop Floor Supervisor will closely monitor the individual to ensure that all spent solvent and associated solid waste generated during the process are collected and properly disposed of.

d. Initial hazardous waste training was held with the Auto Hobby Shop personnel to inform them of general requirements. The training syllabus and roster are provided as enclosure (7). Hazardous material identification, waste determination, and waste disposal procedures were discussed.

e. Job-specific hazardous waste training will be provided to Auto Hobby Shop personnel on a regular, recurring basis.

Sincerely,

G. G. WOMACK
Captain, U. S. Navy
Commanding Officer

Enclosures: (1) through (7)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 000911064 FLE

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	001	TT	00500	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Douglas B. Smith — Signature — Month 4 Day 30 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MICHAEL MCKAY — Signature — Month 04 Day 30 Year 07

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Enclosure (6)

B - RCRA Closure Checklist

Table 2
BNAS Bldgs 225 252 RCRA Closure Checklist

Issue #	Description	Cleaning Required?	Testing Before Cleaning?	What Tests to Perform	Resolution
1	Inspect Oil/Water Separators	Unknown	Yes	Sediment: DRO, GRO, VOCs, PCBs, RCRA 8 Metals, PAHs	Pumped out and cleaned twice
2	Remove 3 unattached (waste?) oil tanks	Unknown	No	None unless required for residual disposal	Tanks were removed
3	Clean out aqueous parts washer	Yes	No	None unless required for residual disposal	Parts washer removed
4	Paint chip Testing	N/A	N/A	Lead, PCBs. 3 chips from main garage 252, 3 from one other space	Completed with acceptably low levels
5	Floor drains in all garage areas having them	Yes	No	Flush and Clean before testing Oil/Water Separators	Dry cleaned first; then wet cleaned with detergent, but oil/water separators cleaned out before testing
6	Remove Batteries from Emergency Lighting and Dispose	No	No	N/A	Completed
7	Remove Broken Fluorescent Bulbs from Floor	Yes	No	N/A	Completed
8	Vacuum floor of welding and fabrication Room	Yes	No	Surface wipes for RCRA 8 metals: One on Floor where grinding dust was located; 2 on wall behind radiator repair area; one on floor in front of radiator repair area	Dry cleaned first; then wet cleaned with detergent; then metal filings cleaned out of base of drill press
9	Clean out Waste Oil Tank near Transformer	Yes	No	None unless required for residual disposal	Emptied and cleaned.
10	Clean out hydraulic oil from two tanks in Bldg 252	Yes	No	None unless required for residual disposal	Completed.
11	drain oil from hydraulic lines in service bay	Yes	No	None unless required for residual disposal	Completed.
12	Remove wooden work bench from Battery Repair Area	Yes	No	None unless required for residual disposal	Completed, and a number of metal workbenches were also removed.
13	Check drain hole in corner and sump under metal grate near wooden bench in Battery Repair Area; is this the "neutralization unit"?	Yes	No	Surface wipes for RCRA 8 metals: One on Floor in front of wooden work bench; one in sump under metal grate in front of wooden work bench	Not cleaned out before sampling; wet cleaned with detergent after sampling
14	Clean up grease on floor of northeast corner of Battery Room	Yes	No	No	Completed
15	Remove barrel in northwest corner of southern service bay (heavy equipment room) of Bldg 252 that has grease and oily residue in the bottom	Yes	No	No	Completed
16	Test soil around outdoor electrical transformer for possible PCB spills from the past	No	N/A	PCBs in soil: Take four composite samples (one composite from within one foot of each side of the concrete foundation). Composite would be composed on 6 equally spaced samples on a side: 3 at 0-6"; 3 at 6-12" on each side.	Testing complete and detectable but acceptable concentrations of PCB found
17	Misc Information needed: Full Access Database for Transportation Haz Waste Generation; Cleaning Schedule of Oil/Water Separators				Delivered To STI and included in report
18	Where was 90 day haz waste storage area with berms prior to Oct 1991 (north end bay where lift leak occurred?)? Check for signs of spills				Identified as "garage" area in north corner of Bldg 225, although the closure plan never found by BNAS or MDEP
19	Where was antifreeze recycling done? Check for signs of spills				No confirmation of antifreeze recycling
20	Where was "sand blasting unit" located?--may need wipe tests--residue tested as hazardous				No confirmation of sand blasting activity
21	Clarification of whether "Auto Hobby Shop" ever located here (DEP files suggest 252 may have been used)				Bldg 252 was the Auto Hobby Shop in a different location up to 1990
22	check to see if there is an oil/water separator in front of door to wash rack				Found and confirmed and cleaned out

C - Work Plan for RCRA Closure Activities (TtNUS, August 2008)

TETRA TECH

C-NAVY-08-08-2857

August 13, 2008

Project Number G01074

Mr. Todd Bober
Remedial Project Manager
BRAC PMO Northeast
4911 S. Broad Street
Philadelphia, PA
19112-1303

Reference: CLEAN Contract No. N62472-03-D-0057
Contract Task Order (CTO) No. 127

Subject: Revised Letter Work Plan
RCRA Closure Sampling – Buildings 225 and 252
Naval Air Station Brunswick (NASB)
Brunswick, Maine

Dear Mr. Bober:

Tetra Tech NUS, Inc. (TtNUS) is providing you with two copies of this Letter Work Plan (Plan) for RCRA Closure Sampling prepared for Buildings 225 and 252 at the NASB in Brunswick, Maine. This Plan has been developed to collect analytical data to support the closure of Buildings 225 and 252 under Chapter 851, Section 11 of the Maine Hazardous Waste Management Rules, as specified in the TtNUS Concurrence Letter for Conducting Building Inspections for Hazardous Waste Closure dated May 23, 2008, and signed by the Navy on June 10, 2008.

The Plan is based on the results of the building inspections that were performed on June 16 and 17, 2008, by the Navy, TtNUS, Sebago Technics, and the Maine Department of Environmental Protection (ME DEP), and the recommendations prepared by TtNUS's subcontractor, Robert Gerber, P.E., of Sebago Technics, (submitted to the Navy on June 30, 2008 via email) as modified during subsequent telephone conversations with the Navy. The following sections describe the buildings and key observations from site walks and file reviews and the proposed sampling and analysis approach. Figures and Tables are attached.. In addition, sampling and quality control procedures are provided as Attachment 1. The laboratory project quantitation limits are included as Attachment 2.

Building Description and Findings. Buildings 225 and 252 are located adjacent to each other in the industrial portion of NASB and are connected by a covered breezeway (Figures 1 and 2). Building 225 was constructed in 1953 and Building 252 in 1957. Both Buildings 225 and 252 were used by the NASB Public Works Department for general vehicle maintenance and repair until approximately 1999 according to NASB personnel. Building 225 consists of an approximately 4,500 ft^2 open structure that contained a number of service bays and a small office and approximately 11,000 ft^2 of office space, storage, and smaller garages/service bays including a welding/fabrication area, radiator repair area, tire storage and repair area, and battery repair area (Figure 2). Building 252 consists of an approximately 5,200 ft^2 open structure that contained a number of service bays and a small office and restroom area.

The following observations are noted from the site walks performed in May 2008:

- There are four oil/water separators (OWS) associated with Building 225 and 252 that will be

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sampled. In addition, a possible fifth oil/water separator may be present in front of the door to the wash rack in Building 225. The suspected oil/water separator will be opened and inspected by NASB personnel prior to the sampling activities.

- An electrical transformer and associated pad were observed between Buildings 252 and 225. There was no visible staining or contamination present.

- Significant amounts of white paint were observed flaking off walls in the former service bays in both Buildings 225 and 252. MEDEP was concerned that the paint could contain lead or PCBs.

- Grinding dust was observed in the welding and fabrication room in Building 225 during the site walk. The grinder solids were subsequently removed and analyzed for TCLP metals and found to be non-hazardous.

- In the former battery repair room, possible battery residues were observed on the floor and in a sump adjacent to a work bench.

Sampling and Analysis Approach. TtNUS will collect sediment samples, subsurface soil samples, wipe samples, and paint chip samples for laboratory analysis. Laboratory analyses will be conducted for analytes including the following: volatile organic compounds (VOCs), diesel range organics (DRO), gasoline range organics (GRO), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and RCRA 8 metals. Samples will be collected to assess potential hazardous waste residue in OWS locations, around a transformer pad, in paint chips, on floors where grinding dust was observed, and in an area where batteries were repaired. Sampling rationale and sample summary are provided in Table 1. Proposed sample locations are shown on Figure 2. Sample analyses, sample container, preservative, analytical methods, and holding time requirements are summarized in Table 2.

Analytical Results. Analytical results will be provided by Mitkem Corporation in Warwick, RI, within 21 days of receipt by the laboratory. The data package will be transmitted to the Navy and Sebago Technics with a cover letter indicating any significant changes to or deviations from the letter work plan. Data will be used to support RCRA closure certification and/or recommendations for further work, as appropriate.

Schedule. Sampling will be coordinated with Mr. Paul Burgio, BRAC Environmental Coordinator, and Ms. Lisa Joy, the facility Environmental Manager. Currently, the sampling event is scheduled for the fourth week of August 2008, once the activity has removed equipment stored in the buildings.

TtNUS looks forward to working with you this project. If you have any questions, please do not hesitate to contact me at 978-474-8448 or by e-mail at *jane.connet@tetratech.com*.

Very truly yours,

Jane M. Connet

Jane M. Connet, P.G.
Project Manager

JC/lh

Attachment

c: P. Burgio, Navy PMO NE (w/attach.)
B. Smith, TtNUS Wilmington (w/attach.)
J. Trepanowski, TtNUS Philadelphia (w/attach.)
G. Glenn, TtNUS Norfolk (w/attach.)
R. Gerber, Sebago Technics (w/attach.)
File G01074 (w/attach.)

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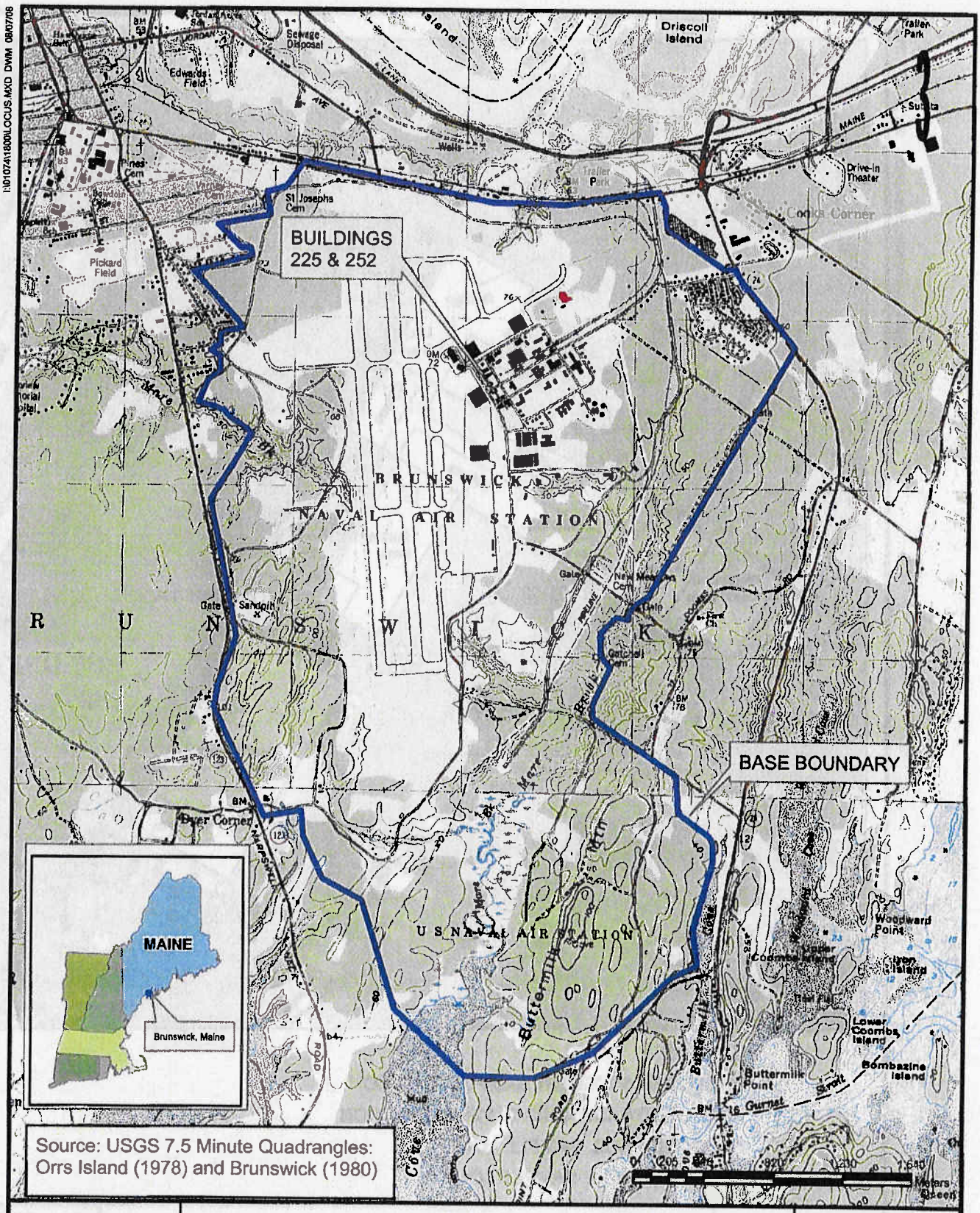

Tetra Tech NUS, Inc.

BUILDINGS 225 & 252
SITE LOCATION MAP
NAVAL AIR STATION
BRUNSWICK, MAINE

SCALE	
AS NOTED	
FILE	
\01074\1800\LOCUS.MXD	
REV	DATE
0	08/07/08
FIGURE NUMBER	
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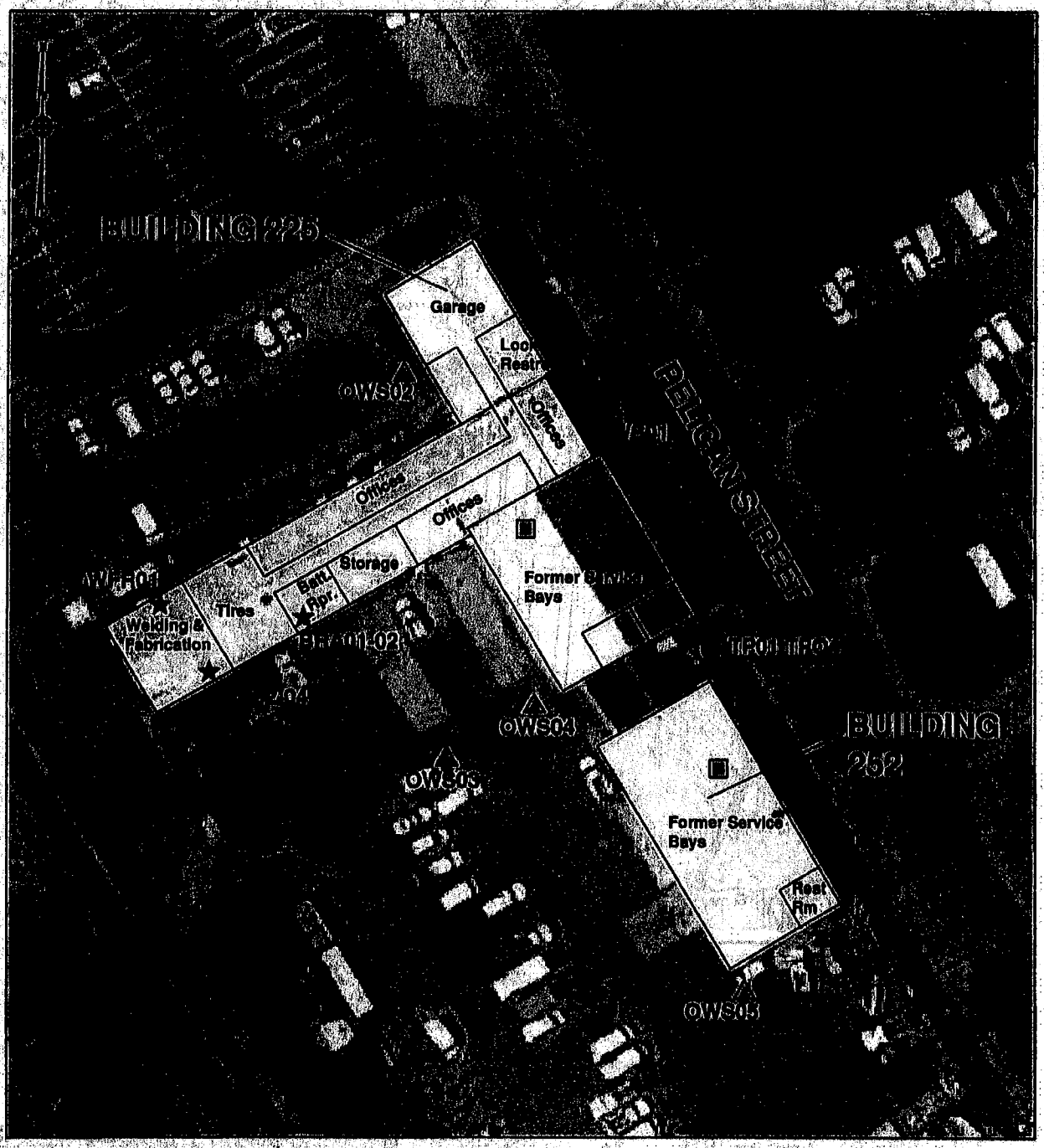


LEGEND

- ▲ PROPOSED SEDIMENT SAMPLE LOCATION
- ■ PROPOSED PAINT CHIP SAMPLE LOCATION
- ● PROPOSED SOIL SAMPLE LOCATION
- ★ PROPOSED WIPE SAMPLE LOCATION

TETRA TECH NUS, INC.

BUILDINGS 225 & 252
PROPOSED SAMPLE LOCATIONS
NAVAL AIR STATION
BRUNSWICK, MAINE

SCALE	AS NOTED
FILE	\PROP_SAMP.DWG
REV	0
DATE	08/12/08
FIGURE NUMBER	2

TABLE 1
SAMPLING RATIONALE AND SUMMARY

Location	Sample Type	Sample Numbers	Sampling Rationale	Analysis	Field Samples	Trip Blanks[1]	Total
Oil/Water Separators [2]	Sediment (Sludge)	B225-SD-OWS01 B225-SD-OWS02 B225-SD-OWS03 B225-SD-OWS04[2] B252-SD-OWS05	Floor drains in both Building 225 and 252 drained to one of a series of oil/water separators. Sample analyses chosen based on historical uses of the building for vehicle maintenance and service. If not enough sediment present, prioritize VOCs and RCRA 8 Metals.	VOCs	4	1	5
				GRO	4	1	5
				DRO	4	0	4
				PAHs	4	0	4
				PCBs	4	0	4
				RCRA 8 Metals	4	0	4
Electrical Transformer	Soil	B225-SO-TP01-0006 B225-SO-TP01-0612 B225-SO-TP02-0006 B225-SO-TP02-0612 B225-SO-TP03-0006 B225-SO-TP03-0612 B225-SO-TP04-0006 B225-SO-TP04-0612	MEDEP request to confirm the presense/absence of PCBs around transformer pad. Eight composite samples, two from each side of the transformer pad. Each composite sample will consist of three equally spaced samples per side located one foot away from the concrete transformer pad. One composite sample will be collected from 0 to 6-inches below ground surface (bgs) and one from 6 to 12-inches bgs.	PCBs	8	0	8
Former Service Bays – Building 225 and 252	Paint Chips	B225-PC-01 B225-PC-02 B225-PC-03 B252-PC-04 B252-PC-05 B252-PC-06	Paint observed flaking off the walls in the former service bays in Buildings 225 and 252 MEDEP request to test for PCBs and LBP.	Total lead	6	0	6
				PCBs	6	0	6
Welding/ Fabrication Room – Building 225	Wipe Samples	B225-WP-WFR01 B225-WP-WFR02 B225-WP-WFR03 B225-WP-WFR04	Grinding dust was present in the welding and fabrication room in Building 225. Current dust cleaned up and determined to be non-hazardous. Sample to evaluate potential older residue. Collect one wipe sample on the floor where grinding dust was, two from the wall located behind the radiator repair area, and one on the floor in front of the radiator repair area.	RCRA 8 Metals	4	0	4
Battery Repair Area – Building 225	Wipe Samples	B225-WP-BRA-01 B225-WP-BRA-02	Possible battery residue was observed near a wooden work bench in the battery repair area in Building 225. One wipe sample will be collected on the floor in front of the wooden work bench and one in the sump on the floor in front of the wooden work bench.	RCRA 8 Metals	2	0	2

Notes:

(1) Collect 1 trip blank per VOC sample shipment.

(2) One additional sediment (sludge) sample may be collected after NASB personnel determine if there is a 5th oil/water separator present in front of the door to the wash rack.

Abbr:

VOCs - Volatile organic compounds
GRO - Gasoline range organics
DRO - Diesel range organics
PAHs - Polycyclic aromatic hydrocarbons
PCBs - Polychlorinated biphenyls
RCRA 8 Metals - Resource Conservation and Recovery Act Metals

TABLE 2
SAMPLING AND ANALYTICAL REQUIREMENTS

Sample Medium	Analysis[1]	Analytical Method	Reference	Sample Container[2]	Preservative	Holding Time
Soil / Sediment	VOCs	5035/8260B	SW846	3-40-mL VOA vials	1-5-mL MeOH 2-5-mL DI water – freeze at <-7°C within 48 hours	14 Days (Analyze)
	GRO	Method 4.2.17	MEDEP	1-40-mL VOA vials	1-5-mL MeOH	14 Days (Analyze)
	DRO	Method 4.1.25	MEDEP	1-8 oz wide mouth jar	Cool to 4°C	14 Days (Extraction) / 40 Days (Analyze)
	PAH	8270C SIM	SW846	1-8 oz wide mouth jar	Cool to 4°C	14 Days (Extraction) / 40 Days (Analyze)
	PCBs	8082	SW846	1-4 oz wide mouth jar	Cool to 4°C	14 Days (Extraction) / 40 Days (Analyze)
	RCRA 8 Metals	6010B	SW846	1-4 oz wide mouth jar	Cool to 4°C	6 Months (Analyze) / 28 Days for Mercury
Paint Chips	PCBs	8082	SW846	1-4 oz wide mouth jar	Cool to 4°C	14 Days (Extraction) / 40 Days (Analyze)
	Total Lead	6010B	SW846	1-4 oz wide mouth jar	Cool to 4°C	6 Months (Analyze)
Wipe Samples	RCRA 8 Metals	6010B	SW846	1-4 oz wide mouth jar	Cool to 4°C	6 Months (Analyze) / 28 Days for Mercury

Notes:

(1) Method detection limits shall be adequate for comparisons to MEDEP Reportable Concentrations.
(2) Collect 1 gram of soil for each 1 mL of methanol.

VOC: volatile organic compound
GRO: gasoline range organics
DRO: diesel range organics
PAH: polycyclic aromatic hydrocarbon
PCB: polychlorinated biphenyl
RCRA 8 Metals: Resource Conservation and Recovery Act Metals

ATTACHMENT A

RCRA CLOSURE SAMPLING AND QUALITY CONTROL PROCEDURES
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

RCRA CLOSURE SAMPLING AND QUALITY CONTROL PROCEDURES
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

1.0 FIELD SAMPLING PLAN

This Attachment was prepared to summarize sampling and other procedures for sample collection at buildings at NASB that are undergoing closure with respect to Chapter 851, Section 11 of the Maine Hazardous Waste Management Rules; and specifically, Buildings 225 and 252. TtNUS will collect sediment samples, subsurface soil samples, wipe samples, and paint chip samples for laboratory analysis. Laboratory analyses will be conducted for analytes including the following: volatile organic compounds (VOCs), diesel range organics (DRO), gasoline range organics (GRO), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and RCRA 8 metals.

1.1 UTILITY CLEARANCE

Maine DigSafe does not require clearance of hand auger locations. No mechanical excavation or drilling will occur as part of the sampling effort. Therefore, DIGSAFE utility clearance is not required. However, TtNUS will take all reasonable precautions (review of utility maps, direct observation, and consultation with Base personnel) to identify areas where underground utilities may be present prior to collecting samples.

1.2 SAMPLING AND ANALYSIS

Samples will be collected at locations described in the Letter Work Plan dated August 13, 2008, Table 1, and as shown in Figure 2. Analyses, sample container, preservative, analytical methods, and holding time requirements are summarized in Table 2. Samples will be collected in accordance with TtNUS Standard Operating Procedures (SOPs) or as specified below.

- Sediment samples will be collected from each of the oil/water separators (Figure 2) with a hand auger, trowel, or other handheld sampling equipment following procedures consistent with TtNUS SOP SA-1.2.

- Soil samples around the transformer pad will be collected in accordance with TtNUS SOP SA-1.3.
- Paint chip samples will be collected from the designated walls and placed in sample jars.
- Wipe samples will be collected in accordance with TtNUS SOP SA-5.1.

1.3 DECONTAMINATION PROCEDURES

Non-disposable sampling equipment that comes in contact with the sample medium will be decontaminated to prevent cross-contamination between sampling points. This includes equipment such as hand augers, scoops, etc.

Sampling equipment and tools will be free of paint or any petroleum-based greases/lubricants.

Decontamination will be conducted consistent with TtNUS SOP SA-7.1. The following sequence will be used to decontaminate equipment and tools to be used to collect soil samples:

- remove gross contamination by scrubbing with potable water,
- scrub with potable water/liquinox,
- rinse with potable water,
- rinse with deionized water,
- rinse with 2-propanol,
- rinse with deionized water,
- air dry (to extent possible), and
- wrap with aluminum foil, dull side toward equipment.

1.4 INVESTIGATION DERIVED WASTE MANAGEMENT

It is anticipated that waste materials will be generated during the field investigation activities. These Investigation-Derived Waste (IDW) materials include:

- Used personal protective equipment (PPE); and
- Used disposable sampling equipment.

Used PPE, such as sampling gloves, paper towels, or other materials will be bagged and sealed prior to disposal as general refuse. If PPE becomes grossly contaminated, it will be segregated from other PPE, labeled and staged as "contaminated material."

Used disposable sampling equipment, which generally has minor contamination, will be disposed of with the PPE as general refuse. Contaminated disposable equipment will require segregation from other equipment and proper disposal.

TtNUS will coordinate with the Navy for the removal and proper disposal of all accumulated waste materials. IDW will be managed in accordance with 310 CMR 40.0030 through 40.0049. Storage, manifests and shipping papers, transportation, and disposal will be handled by the Navy.

1.5 SITE HEALTH AND SAFETY

Field activities will be performed by in accordance with the site-specific Health and Safety Plan (HASP) for NAS Brunswick RCRA Closure Site Inspections and Multi-Media Sampling Activities dated June 2008. Project personnel that will be performing work on site will review the pertinent sections of the HASP prior to work performance. The Site Safety Officer (SSO/FOL) will review health and safety requirements at the start of each task with the appropriate on-site personnel.

2.0 FIELD QUALITY CONTROL

A discussion of field Quality Control (QC) is presented in the following sections.

2.1 QUALITY CONTROL SAMPLES

Trip blank samples will be analyzed to assess the accuracy of the VOC data resulting from the field sampling and analytical programs. Trip blanks are used to assess the potential for contamination of VOC samples due to contaminant migration during sample shipment and storage. Sediment trip blanks will consist of two vials containing 5-mL volatile-free deionized water and one vial containing 5-mL of methanol. The vials will remain in the shipping container from the time the sampling kit leaves the laboratory until it is received back from the field. Trip blanks will be required at a frequency of one set per cooler in which VOC samples are shipped. Trip blanks should contain no VOC target compounds above the quantitation limit.

2.2 SAMPLE DESIGNATION AND CUSTODY

This section describes the sample designation and chain-of-custody requirements for all samples.

Each sample collected will be assigned a unique sample tracking number that will be used to catalog the results. The sample tracking number will consist of alpha-numeric characters identifying the Site, sample medium, the sample location, the sample depth (if appropriate) or date. Any other pertinent information regarding sample identification will be recorded on the sample log-sheets or in the field logbooks.

The alpha-numeric (A-N) coding to be used in the sample system is detailed below and in the subsequent definitions.

AAA	-	AAA	- (AA-NNN)	-	(NNNNNN)
(Site ID)	-	(Medium)	- (Location)	-	(Sample Depth or Month/Year)

<u>Site identifier</u>: "B225" for Building 225
"B252" for Building 252

<u>Medium identifier</u>: "SO" for soil samples
"SD" for sediment samples
"PC" for paint chip samples
"WP" for wipe samples

<u>Sample location identifier</u>: Each sample location will be assigned a unique identifier that can be composed of both alpha and numeric characters.

<u>Examples</u>:

A soil sample collected from Buildings 225 at location SB01 at a depth interval of 0 to 6 inches will be labeled B225-SO-SB01-0006.

QC samples collected during the investigation will use the same coding system as for environmental samples. Field QC designations will conform to the standard formats for trip blanks.

2.3 SAMPLE CHAIN-OF-CUSTODY AND MANAGEMENT

Chain-of-custody begins when samples are collected in the field, and is maintained by storing the samples in secure areas until custody can be passed on. A chain-of-custody form that lists each sample,

the analytical parameters, and the persons who are responsible for their integrity will accompany all samples. Samples will be placed on ice and attended by TtNUS personnel or placed in locked vehicles or designated storage areas until analysis or shipment to an off-site laboratory. Samples will be managed according to standard TtNUS procedures (SOP SA-6.1). The maximum allowable sample holding times before sample extraction, digestion, or analysis are presented in Letter Work Plan, Table 2.

2.4 CALIBRATION PROCEDURES

Field equipment normally requiring calibration or checks (i.e., screening instruments) will be calibrated or checked and operated in accordance with the manufacturer's instructions and manuals. A calibration log will be kept to document the periodic calibration results for each field instrument.

Calibration procedures for laboratory equipment used in the analysis of environmental samples will be performed in accordance with the laboratory's QC plan.

2.5 LABORATORY ANALYSES

Chemical analyses will be performed by a subcontracted fixed-base Maine certified laboratory, Mitkem Corporation. Analyses will be performed in accordance with the specified analytical methods identified in Table 2. Samples will be analyzed with a standard 21-day turnaround. Project quantitation limits, laboratory quantitation limits and method detection limits are provided in Attachment 2. The project quantitation limits were specified to be consistent with accepted practice for RCRA closures in Maine.

2.6 DATA REDUCTION, VALIDATION, AND REPORTING

Laboratory analytical data will be reviewed by TtNUS technical staff for completeness. Data validation will not be performed. The data package will be provided to the Navy with a transmittal letter noting any deviations from the letter work plan. Data will be used to support recommendations and RCRA closure certifications.

2.7. INTERNAL QUALITY CONTROL

Section 2.1 discussed the types and frequency of QC samples that will be prepared during the field investigation activities. Laboratory analysis will follow the QC criteria described in the analytical method procedures.

2.8 PERFORMANCE AND SYSTEM AUDITS

System audits will be performed as appropriate to ensure that the work is being implemented in accordance with the approved project SOPs and in an overall satisfactory manner.

- The TtNUS Field Operations Leader (FOL) will supervise the field operations. The FOL will perform a daily check to ensure that the equipment are properly decontaminated, samples are collected and handled properly, and the fieldwork is accurately and neatly documented.
- The data reviewer(s) will review the data to ensure they were obtained through the approved methodology, and that the appropriate level of QC effort and reporting were conducted. The data review effort will be supervised by the TtNUS CLEAN Quality Assurance Manager or designee.
- The PM will oversee the FOL and data reviewer, and check that management of the acquired data proceeds in an organized and expeditious manner.

2.9 PREVENTATIVE MAINTENANCE

Rental equipment and instruments will be used in the field. The rental firms will be responsible for the proper care, maintenance, and repair of these items, and for tracking and documenting equipment and instrument maintenance and repairs. TtNUS will be responsible for the instrument calibration and documentation prior to use in the field.

2.10 CORRECTIVE ACTION

The CLEAN QA program will enable problems to be identified, controlled, and corrected. Potential problems may involve non-conformance with the SOPs and/or analytical procedures established for the project, or other unforeseen difficulties. Any person identifying an unacceptable condition will notify the FOL and the PM. The PM, with the assistance of the CLEAN Quality Assurance Manager and the project QA/QC officer, will be responsible for developing and initiating appropriate corrective action and verifying that the corrective action has been effective.

Corrective actions may include re-sampling and/or re-analysis of samples or modifying project procedures. If warranted by the severity of the problem (e.g., if a change in the approved work plan is required), the Navy will be notified by telephone and their approval will be obtained prior to implementing any change. Additional work that depends on a nonconforming activity will not be performed until the source of the problem has been addressed.

2.11 FIELD AND DATA DOCUMENTATION AND MANAGEMENT

This section describes how all project information will be managed, organized, and maintained for efficient use by the project personnel. Detailed and accurate documentation is necessary in order to ensure data integrity. The data management process begins at the point of data generation and continues to ultimate storage.

A project-specific field logbook will be used to provide daily records of significant events, observations, and measurements during field investigations. The field logbook also will be used to document all sampling activities. Field logbooks will be maintained according to TtNUS SOP No. SA-6.3. Logbooks will be kept in the possession of the field team leader during the on-site work and all members of the field team will have access to the notebook. Field sample log sheets will be used to document sample collection details, while other observations and activities will be recorded in the field logbook. Instrument calibration logs will be used to record the daily instrument calibration. Soil and sediment sample log sheets will be used to document each sample collected.

After the field investigation is completed, the field sampling log sheets will be organized and filed in the project files. The field logbooks for this project will be used only for this investigation, and will also be categorized and maintained in the project files after the completion of the field program. The TtNUS PM (or designee) is responsible for the overall tracking and control of data generated for the project.

ATTACHMENT B

LABORATORY PROJECT QUANTITATION LIMITS

LABORATORY PROJECT QUANTITATION LIMITS

Soil/Sediment Project Quantitation Limits and Achievable Laboratory Limits

Matrix: Soil/Sediment				
Analyte	CAS Number	Project Quantitation Limit (µg/kg dry wgt)	Achievable Laboratory Limits	
			QLs (µg/kg dry wgt)	MDLs (µg/kg dry wgt)
Volatile Organic Compounds				
1,1,1-Trichloroethane	71-55-6	5	5	0.42
1,1,2,2-Tetrachloroethane	79-34-5	5	5	0.57
1,1,2-Trichloroethane	79-00-5	5	5	0.49
1,1-Dichloroethane	75-34-3	5	5	0.33
1,1-Dichloroethene	75-35-4	5	5	0.92
1,2-Dichloroethane	107-06-2	5	5	0.36
1,2-Dichloropropane	78-87-5	5	5	0.29
2-Butanone (MEK)	78-93-3	10	5	1.3
2-Hexanone	591-78-6	10	5	0.95
4-Methyl-2-pentanone (MIBK)	108-10-1	10	5	0.85
Acetone	67-64-1	10	5	1.5
Benzene	71-43-2	5	5	0.33
Bromodichloromethane	75-27-4	5	5	0.27
Bromoform	75-25-2	5	5	0.57
Bromomethane	74-83-9	10	5	0.97
Carbon disulfide	75-15-0	10	5	0.27
Carbon tetrachloride	56-23-5	5	5	0.3
Chlorobenzene	108-90-7	5	5	0.47
Chloroethane	75-00-3	10	5	0.8
Chloroform	67-66-3	5	5	0.29
Chloromethane	74-87-3	10	5	0.86
cis-1,2-Dichloroethene	156-59-2	5	5	0.71
cis-1,3-Dichloropropene	10061-01-5	5	5	0.32
Dibromochloromethane	124-48-1	5	5	0.28

Matrix: Soil/Sediment				
Analyte	CAS Number	Project Quantitation Limit (µg/kg dry wgt)	Achievable Laboratory Limits	
			QLs (µg/kg dry wgt)	MDLs (µg/kg dry wgt)
Ethylbenzene	100-41-4	5	5	0.39
Methylene chloride	75-09-2	5	5	0.75
Styrene	100-42-5	5	5	0.28
Tetrachloroethene	127-18-4	5	5	0.39
Toluene	108-88-3	5	5	0.55
Trans-1,2-Dichloroethene	156-60-5	5	5	0.57
Trans-1,3-Dichloropropene	10061-02-6	5	5	0.26
Trichloroethene	79-01-6	5	5	0.35
Vinyl chloride	75-01-4	10	5	0.43
o-Xylene	95-47-6	5	5	0.44
m,p-Xylenes	179601-23-1	5	5	0.8
Polyaromatic Hydrocarbons				
2-Methylnaphthalene	91-57-6	20	3.3	NA
Acenaphthene	83-32-9	20	3.3	NA
Acenaphthylene	208-96-8	20	3.3	NA
Anthracene	120-12-7	20	3.3	NA
Benzo(a)anthracene	56-55-3	20	3.3	NA
Benzo(a)pyrene	50-32-8	20	3.3	NA
Benzo(b)fluoranthene	205-99-2	20	3.3	NA
Benzo(g,h,i)perylene	191-24-2	20	3.3	NA
Benzo(k)fluoranthene	207-08-9	20	3.3	NA
Chrysene	218-01-9	20	3.3	NA
Dibenzo(a,h)anthracene	53-70-3	20	3.3	NA
Fluoranthene	206-44-0	20	3.3	NA
Fluorene	86-73-7	20	3.3	NA
Indeno(1,2,3-c,d)pyrene	193-39-5	20	3.3	NA
Naphthalene	91-20-3	20	3.3	NA

Matrix: Soil/Sediment				
Analyte	CAS Number	Project Quantitation Limit (µg/kg dry wgt)	Achievable Laboratory Limits	
			QLs (µg/kg dry wgt)	MDLs (µg/kg dry wgt)
Phenanthrene	85-01-8	20	3.3	NA
Pyrene	129-00-0	20	3.3	NA
Polychlorinated Biphenyls (PCBs)				
Aroclor-1016	12674-11-2	17	17	4.7
Aroclor-1221	11104-28-2	17	17	2.8
Aroclor-1232	11141-16-5	17	17	4.7
Aroclor-1242	53469-21-9	17	17	4.5
Aroclor-1248	12672-29-6	17	17	4.9
Aroclor-1254	11097-69-1	17	17	2
Aroclor-1260	11096-82-5	17	17	6.2

Sediment Project Quantitation Limits and Achievable Laboratory Limits

Matrix: Sediment				
Analyte	CAS Number	Project Quantitation Limit (mg/kg dry wgt)	Achievable Laboratory Limits	
			QLs (mg/kg dry wgt)	MDLs (mg/kg dry wgt)
Metals				
Arsenic	7440-38-2	1	1	0.14
Barium	7440-39-3	20	10	0.1
Cadmium	7440-43-9	1	0.25	0.007
Chromium	7440-47-3	1.5	1	0.01
Lead	7439-92-1	2.4	0.5	0.037
Mercury	7439-97-6	0.5	0.0061	0.0061
Selenium	7782-49-2	4.6	1.5	0.15
Silver	7440-22-4	1.5	1.5	0.047
Petroleum Hydrocarbons				
Gasoline Range Organics	-	1	2.5	1
Diesel Range Organics	-	1	9	1.4

Paint Chips Project Quantitation Limits and Achievable Laboratory Limits

Matrix: Paint Chips				
Analyte	CAS Number	Project Quantitation Limit (mg/kg dry wgt)	Achievable Laboratory Limits	
			QLs (mg/kg dry wgt)	MDLs (mg/kg dry wgt)
Metals				
Lead	7439-92-1	0.5	0.5	0.037

Paint Chips Project Quantitation Limits and Achievable Laboratory Limits

Matrix: Paint Chips				
Analyte	CAS Number	Project Quantitation Limit (µg/kg dry wgt)	Achievable Laboratory Limits	
			QLs (µg/kg dry wgt)	MDLs (µg/kg dry wgt)
Polychlorinated Biphenyls (PCBs)				
Aroclor-1016	12674-11-2	33	33	4.7
Aroclor-1221	11104-28-2	33	33	2.8
Aroclor-1232	11141-16-5	33	33	4.7
Aroclor-1242	53469-21-9	33	33	4.5
Aroclor-1248	12672-29-6	33	33	4.9
Aroclor-1254	11097-69-1	33	33	2
Aroclor-1260	11096-82-5	33	33	6.2

Wipes Project Quantitation Limits and Achievable Laboratory Limits

Matrix: Wipes				
Analyte	CAS Number	Project Quantitation Limit (µg/wipe)	Achievable Laboratory Limits	
			QLs (µg/wipe)	MDLs (µg/wipe)
Metals				
Arsenic	7440-38-2	1	1	0.14
Barium	7440-39-3	10	10	0.1
Cadmium	7440-43-9	0.3	0.25	0.007
Chromium	7440-47-3	1	1	0.01
Lead	7439-92-1	0.5	0.5	0.037
Mercury	7439-97-6	0.02	0.0061	0.0061
Selenium	7782-49-2	1.5	1.5	0.15
Silver	7440-22-4	1.5	1.5	0.047

D - Trip Reports, Analytical Data and Closure Documentation

TETRA TECH NUS, INC.

MEMORANDUM

To: Todd Bober, Navy

From: Jane M. Connet, TtNUS

Date: 11/17/08

Subject: Updated Trip Report for Buildings 225 and 252 RCRA Sampling, August 26 and 27, 2008, NAS Brunswick, Brunswick, ME; CTO 127,

Cc: P. Burgio, Navy BRAC PMO NE
L. Joy, NASB
R. Gerber, Sebago Technics
B. Smith, TtNUS

TtNUS Representative: Brandon Smith, Jane Connet (08/27/08 only)
NASB Representative: Bruce Smith, Walter Lach (08/27/08 only), Dale Mosher (08/26/08 A.M. only)
BRAC PMO NE Representative: Paul Burgio

Tuesday August 26, 2008

As part of the RCRA Closure Sampling at Buildings 225 and 252 at NAS Brunswick, TtNUS, NASB, and BRAC representatives inspected the five oil/water separators (labeled OWS01 through OWS05 on Figure 2 of the Sampling Plan). All five O/W separators were opened and inspected for signs of sediment. Each contained standing water greater than 2 feet in depth that appeared free of sheen, odor or other signs of contamination. Each was scraped on the bottom to determine if sediment was present and if a sample could be collected. All five separators did not have sediment present and therefore no samples were collected for laboratory analysis. The floor drains located in the service bays of Building 225 had not been cleaned or flushed prior to the sampling event as had been planned with NASB. This may have resulted in no sediment being present in the oil/water separators. After discussion, P. Burgio and B. Smith agreed to collect samples from the floor drains in the former service bays of Building 225, if material was present, based on the discussion during the site inspection with Ed Vigneault (MEDEP).

NASB environmental personnel had cleaned and removed some of the action items identified during the building inspection conducted on June 17, 2008. Floor drains in the service bays were not cleaned/flushed and the floor drain in the Battery Repair Area (BRA) was not opened and cleaned out prior to the sampling event.

Paint chip samples were collected from the southeast (PC-01), southwest (PC-02), and

northeast (PC-03) walls of the service bays in Building 225 and were submitted for PCB and total lead analysis. Paint chip samples were collected from the overhead ducts north of service bay #5 in Building 252 (PC-04 and PC-05) and the center of the north wall (PC-06) and were submitted for PCB and total lead analysis.

Sediment was collected in the eastern floor trenches adjacent to the 2 northern-most service bays in Building 225. The sediment sample was submitted for VOC, GRO, DRO, PAH, PCB, and RCRA 8 metals analysis.

Soil samples were collected around the concrete transformer pad with a hand auger. Two composite samples were collected from each side of the transformer pad: east (TP01), north (TP02), west (TP03), and south (TP04) at depths of 0 to 6-inches bgs and 6 to 12-inches bgs. Each composite sample consisted of 3 grab samples collected 1 foot from the concrete pad, equally spaced along each side of the pad. The sample collected on the north side from 6-12 inches was a one point grab sample due to an obstruction at approximately 6 inches along the majority of that side. The obstruction appeared to be concrete. Soil samples were submitted for PCB analysis.

Two wipe samples were collected in the Battery Repair Area (BRA) of Building 225. A former workbench along the southern wall identified during the initial site inspection had been removed during NASB cleanup prior to the sampling event. The first wipe sample was collected in front of where the former workbench had been (BRA-01). The second wipe sample (BRA-02) was collected on the floor adjacent to the floor drain in the southwest corner of the BRA. The floor drain was opened and inspected. Some staining and sludge/sediment were present.

Four wipe samples were collected in the welding and fabrication room (WFR) of Building 225. Two samples were collected along the north wall of the WFR between the sink and workbench associated with the radiator repair area (WFR01 and WFR02). One wipe samples was collected on the floor between the sink and workbench associated with the radiator repair area (WFR03). One wipe sample was collected along the southern wall north of the grinder where grinding dust had been observed (WFR04). All wipe samples were submitted for RCRA 8 metals analysis. All wipe samples were collected using 10 cm by 10 cm templates (100cm2).

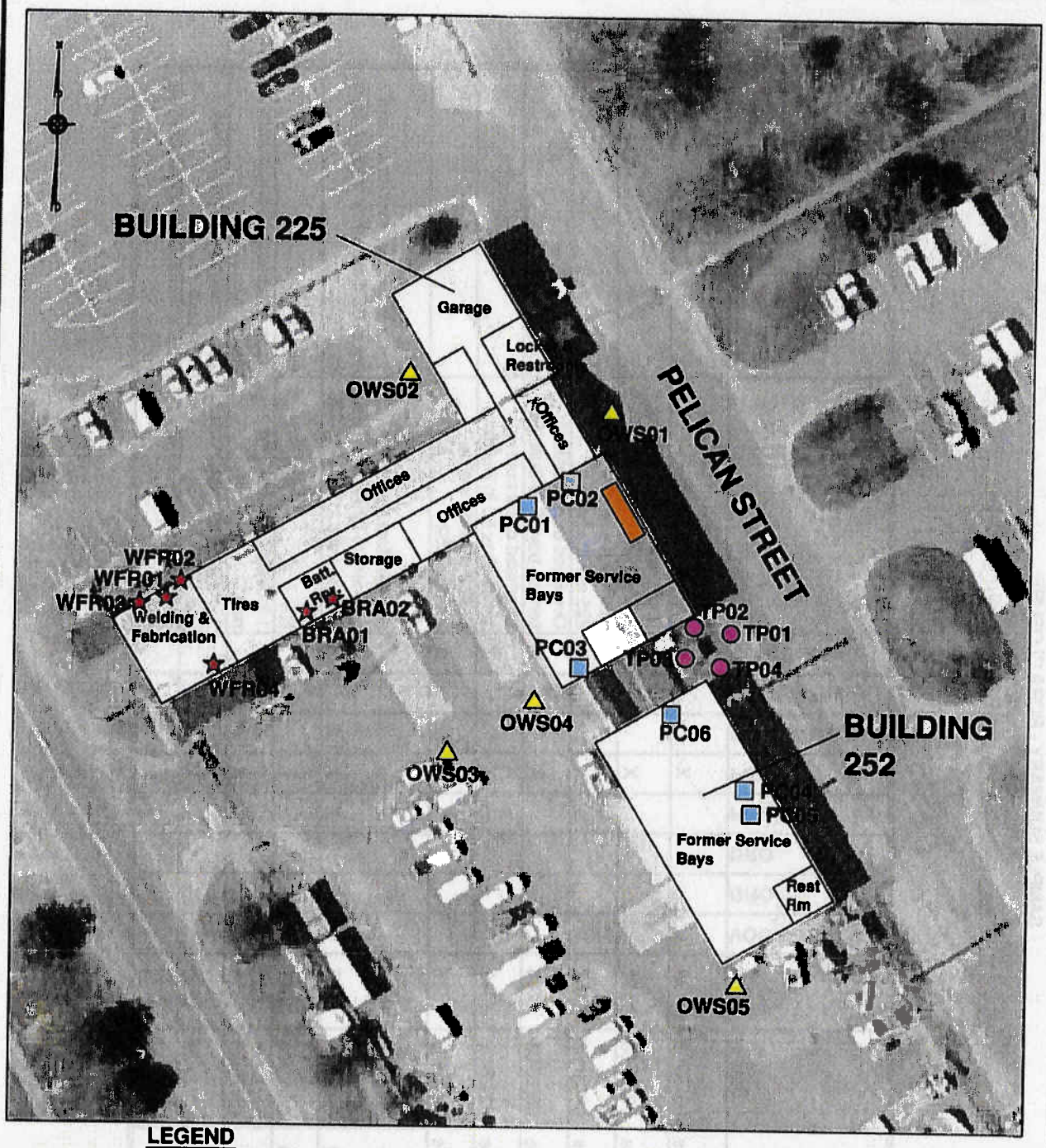
Photographs were taken of all sampling locations, and during inspection of the oil water separators and the floor drain. All samples were placed in a cooler on ice and shipped overnight via Fedex to Mitkem Corporation of Warwick, RI, for laboratory analysis.

Wednesday August 27, 2008

Mitkem Corporation contacted B. Smith on 08/27/08 regarding the wipe samples collected on 08/26/08. The laboratory had not specified that 2 wipe samples were required for each location. Mercury analysis is run separately from the other RCRA 8 Metals and requires an additional wipe sample.

B. Smith and J. Connet (TtNUS) and B. Smith and W. Lach (NASB) remobilized to Buildings 225 and 252 to collect additional wipe samples. B. Smith located the 6 additional wipe samples in the same locations as the previous wipe samples collected on 08/26/08. All wipe samples collected for mercury analysis received an "A" designation. Samples were shipped on 08/28/08 to Mitkem Corporation for Mercury analysis.

ACAD: \01074\1800\SAMP_LOCS.DWG 10/01/08 DWM



LEGEND

- OIL WATER SEPARATOR
- PAINT CHIP SAMPLE LOCATION
- SOIL SAMPLE LOCATION
- WIPE SAMPLE LOCATION
- EAST TRENCH

TETRA TECH NUS, INC.

BUILDINGS 225 & 252
SAMPLE LOCATIONS
NAVAL AIR STATION
BRUNSWICK, MAINE

SCALE	AS NOTED
FILE	\SAMP_LOCS.DWG
REV	0
DATE	10/01/08
FIGURE NUMBER	2

SAMPLE SUMMARY - RCRA CLOSURE
BUILDINGS 225 AND 252
NAS BRUNSWICK, BRUNSWICK, ME

Sample ID	Sample Type	Date	Time	VOC	GRO	DRO	PAHs	PCBs	RCRA 8 Metals	Mercury Only	Total Lead	Location	Comments
B225-PC-01	Paint Chips	08/26/08	1150					X			X	Southeast wall of Building 225 service bays	
B225-PC-02	Paint Chips	08/26/08	1151					X			X	Southwest wall of Building 225 service bays	
B225-PC-03	Paint Chips	08/26/08	1152					X			X	Northeast wall of Building 225 service bays	
B252-PC-04	Paint Chips	08/26/08	1140					X			X	Overhead ducts north of service bay #5 in Building	
B252-PC-05	Paint Chips	08/26/08	1142					X			X	Overhead ducts north of service bay #5 in Building	
B252-PC-06	Paint Chips	08/26/08	1145					X			X	Center of north wall in Building 252	
B225-SD-EASTTRENCH	Sediment	08/26/08	1200	X	X	X	X	X	X			Eastern floor trenches adjacent to 2 northernmost service bays in Building 225	The service bay floor drains had not been cleaned by NASB prior to sampling.
B225-SD-TB01	Trip Blank	08/26/08	1415	X	X							NA	Trip Blank
B225-SO-TP01-0006	Soil	08/26/08	1310					X				1 foot east of transformer pad	3 point composite sample from 0-6 inches
B225-SO-TP01-0612	Soil	08/26/08	1320					X				1 foot east of transformer pad	3 point composite sample from 6-12 inches
B225-SO-TP02-0006	Soil	08/26/08	1330					X				1 foot north of transformer pad	3 point composite sample from 0-6 inches

SAMPLE SUMMARY - RCRA CLOSURE
BUILDINGS 225 AND 252
NAS BRUNSWICK, BRUNSWICK, ME

Sample ID	Sample Type	Date	Time	VOC	GRO	DRO	PAHs	PCBs	RCRA 8 Metals	Mercury Only	Total Lead	Location	Comments
B225-SO-TP02-0612	Soil	08/26/08	1335					X				1 foot north of transformer pad	1 point sample from 6-12 inches due to obstruction in other 2 locations
B225-SO-TP03-0006	Soil	08/26/08	1340					X				1 foot west of transformer pad	3 point composite sample from 0-6 inches
B225-SO-TP03-0612	Soil	08/26/08	1345					X				1 foot west of transformer pad	3 point composite sample from 6-12 inches
B225-SO-TP04-0006	Soil	08/26/08	1355					X				1 foot south of transformer pad	3 point composite sample from 0-6 inches
B225-SO-TP04-0612	Soil	08/26/08	1400					X				1 foot south of transformer pad	3 point composite sample from 6-12 inches
B225-WP-BRA-01	Wipe Sample	08/26/08	1210						X			On the floor in front of former workbench along southern wall of battery repair room	
B225-WP-BRA-01A	Wipe Sample	08/27/08	1500							X		On the floor in front of former workbench along southern wall of battery repair room	Additional volume for mercury analysis
B225-WP-BRA-02	Wipe Sample	08/26/08	1215						X			On the floor adjacent to the floor drain (SW corner) of battery repair room	Floor drain had not been opened and cleaned out by NASB personnel prior to sampling.
B225-WP-BRA-02A	Wipe Sample	08/27/08	1505							X		On the floor adjacent to the floor drain (SW corner) of battery repair room	Additional volume for mercury analysis

SAMPLE SUMMARY - RCRA CLOSURE
BUILDINGS 225 AND 252
NAS BRUNSWICK, BRUNSWICK, ME

Sample ID	Sample Type	Date	Time	VOC	GRO	DRO	PAHs	PCBs	RCRA 8 Metals	Mercury Only	Total Lead	Location	Comments
B225-WP-WFR01	Wipe Sample	08/26/08	1225						X			North wall of Welding and fabrication room, east of sink area	
B225-WP-WFR01A	Wipe Sample	08/27/08	1510							X		North wall of Welding and fabrication room, east of sink area	Additional volume for mercury analysis
B225-WP-WFR02	Wipe Sample	08/26/08	1226						X			North wall of welding and fabrication room, west of work bench	
B225-WP-WFR02A	Wipe Sample	08/27/08	1511							X		North wall of welding and fabrication room, west of work bench	Additional volume for mercury analysis
B225-WP-WFR03	Wipe Sample	08/26/08	1228						X			On the floor between work bench and sink on north wall, ~ 2 feet from wall	
B225-WP-WFR03A	Wipe Sample	08/27/08	1512							X		On the floor between work bench and sink on north wall, ~ 2 feet from wall	Additional volume for mercury analysis
B225-WP-WFR04	Wipe Sample	08/26/08	1230						X			On the floor 1 foot west of the grinder on the south wall	
B225-WP-WFR04A	Wipe Sample	08/27/08	1515							X		On the floor 1 foot west of the grinder on the south wall	Additional volume for mercury analysis

RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
POSITIVE ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
PAINT CHIP	B225-B252-PC-04	8/26/08	M	MG/KG	LEAD	41	E
PAINT CHIP	B225-B252-PC-05	8/26/08	M	MG/KG	LEAD	351	E
PAINT CHIP	B225-B252-PC-06	8/26/08	M	MG/KG	LEAD	71.7	E
PAINT CHIP	B225-PC-01	8/26/08	M	MG/KG	LEAD	306	E
PAINT CHIP	B225-PC-02	8/26/08	M	MG/KG	LEAD	63.7	E
PAINT CHIP	B225-PC-03	8/26/08	M	MG/KG	LEAD	3.2	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	ARSENIC	12.5	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	BARIUM	92.3	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	CADMIUM	6.1	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	CHROMIUM	121	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	LEAD	357	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	MERCURY	0.033	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	ANTHRACENE	22	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(A)ANTHRACENE	100	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(A)PYRENE	110	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(B)FLUORANTHENE	330	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(G,H,I)PERYLENE	190	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(K)FLUORANTHENE	110	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	CHRYSENE	220	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	DIBENZO(A,H)ANTHRACENE	33	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	FLUORANTHENE	340	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	INDENO(1,2,3-CD)PYRENE	150	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	PHENANTHRENE	180	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	PYRENE	300	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1254	59	P
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1260	25	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PET	MG/KG	DIESEL RANGE ORGANICS	420	
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	METHYLENE CHLORIDE	8.5	
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	87	
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	32	P
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	41	P
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	27	
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	47	
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	28	
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	BARIUM	21	
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	CHROMIUM	2.7	

B - Method blank contamination; E - Estimated due to presence of interference;
P - Greater than 25% difference between two GC columns

RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
POSITIVE ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	LEAD	27	B
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	BARIUM	29	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	CADMIUM	1.4	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	CHROMIUM	16	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	LEAD	140	B
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	SELENIUM	1.9	
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	BARIUM	120	
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	CHROMIUM	3.5	
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	LEAD	84	B
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	BARIUM	120	
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	CADMIUM	0.94	
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	CHROMIUM	8.1	
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	LEAD	110	B
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	SILVER	1.8	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	ARSENIC	2.2	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	BARIUM	570	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	CADMIUM	7	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	CHROMIUM	43	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	LEAD	330	B
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	SELENIUM	3.1	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	SILVER	13	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	ARSENIC	3.2	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	BARIUM	170	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	CADMIUM	3.6	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	CHROMIUM	67	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	LEAD	58	B
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	SELENIUM	3.9	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	SILVER	6.4	

B - Method blank contamination; E - Estimated due to presence of interference;
P - Greater than 25% difference between two GC columns

RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
PAINT CHIP	B225-B252-PC-04	8/26/08	M	MG/KG	LEAD	41	E
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1016	99	U
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1221	99	U
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1232	99	U
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1242	99	U
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1248	99	U
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1254	99	U
PAINT CHIP	B225-B252-PC-04	8/26/08	PCB	UG/KG	AROCLOR-1260	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	M	MG/KG	LEAD	351	E
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1016	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1221	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1232	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1242	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1248	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1254	99	U
PAINT CHIP	B225-B252-PC-05	8/26/08	PCB	UG/KG	AROCLOR-1260	99	U
PAINT CHIP	B225-B252-PC-06	8/26/08	M	MG/KG	LEAD	71.7	E
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1016	400	U
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1221	400	U
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1232	400	U
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1242	400	U
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1248	400	U
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1254	400	U
PAINT CHIP	B225-B252-PC-06	8/26/08	PCB	UG/KG	AROCLOR-1260	400	U
PAINT CHIP	B225-PC-01	8/26/08	M	MG/KG	LEAD	306	E
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1016	99	U
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1221	99	U
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1232	99	U
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1242	99	U
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1248	99	U
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1254	99	U
PAINT CHIP	B225-PC-01	8/26/08	PCB	UG/KG	AROCLOR-1260	99	U
PAINT CHIP	B225-PC-02	8/26/08	M	MG/KG	LEAD	63.7	E
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1016	99	U
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1221	99	U
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1232	99	U
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1242	99	U

U - Not detected; B - Method blank contamination;
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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1248	99	U
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1254	99	U
PAINT CHIP	B225-PC-02	8/26/08	PCB	UG/KG	AROCLOR-1260	99	U
PAINT CHIP	B225-PC-03	8/26/08	M	MG/KG	LEAD	3.2	E
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1016	99	U
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1221	99	U
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1232	99	U
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1242	99	U
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1248	99	U
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1254	99	U
PAINT CHIP	B225-PC-03	8/26/08	PCB	UG/KG	AROCLOR-1260	99	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	ARSENIC	12.5	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	BARIUM	92.3	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	CADMIUM	6.1	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	CHROMIUM	121	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	LEAD	357	E
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	MERCURY	0.033	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	SELENIUM	0.35	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	M	MG/KG	SILVER	0.066	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,1,1-TRICHLOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,1,2,2-TETRACHLOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,1,2-TRICHLOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,1,2-TRICHLOROTRIFLUOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,1-DICHLOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,1-DICHLOROETHENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,2,4-TRICHLOROBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,2-DIBROMOETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,2-DICHLOROBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,2-DICHLOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,2-DICHLOROPROPANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,3-DICHLOROBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	1,4-DICHLOROBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	2-BUTANONE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	2-HEXANONE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	4-METHYL-2-PENTANONE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	ACETONE	4.5	U

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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	BENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	BROMODICHLOROMETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	BROMOFORM	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	BROMOMETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CARBON DISULFIDE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CARBON TETRACHLORIDE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CHLOROBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CHLORODIBROMOMETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CHLOROETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CHLOROFORM	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CHLOROMETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CIS-1,2-DICHLOROETHENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CIS-1,3-DICHLOROPROPENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	CYCLOHEXANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	DICHLORODIFLUOROMETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	ETHYLBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	ISOPROPYLBENZENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	METHYL ACETATE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	METHYL CYCLOHEXANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	METHYL TERT-BUTYL ETHER	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	METHYLENE CHLORIDE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	STYRENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TETRACHLOROETHENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TOLUENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TOTAL XYLENES	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TRANS-1,2-DICHLOROETHENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TRANS-1,3-DICHLOROPROPENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TRICHLOROETHENE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	TRICHLOROFLUOROMETHANE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	OV	UG/KG	VINYL CHLORIDE	4.5	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	2-METHYLNAPHTHALENE	17	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	ACENAPHTHENE	17	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	ACENAPHTHYLENE	17	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	ANTHRACENE	22	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(A)ANTHRACENE	100	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(A)PYRENE	110	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(B)FLUORANTHENE	330	

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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(G,H,I)PERYLENE	190	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	BENZO(K)FLUORANTHENE	110	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	CHRYSENE	220	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	DIBENZO(A,H)ANTHRACENE	33	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	FLUORANTHENE	340	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	FLUORENE	17	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	INDENO(1,2,3-CD)PYRENE	150	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	NAPHTHALENE	17	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	PHENANTHRENE	180	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PAH	UG/KG	PYRENE	300	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1016	16	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1221	16	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1232	16	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1242	16	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1248	16	U
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1254	59	P
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PCB	UG/KG	AROCLOR-1260	25	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PET	MG/KG	DIESEL RANGE ORGANICS	420	
SEDIMENT	B225-SD-EASTTRENCH	8/26/08	PET	UG/KG	GASOLINE RANGE ORGANICS	4100	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,1,1-TRICHLOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,1,2,2-TETRACHLOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,1,2-TRICHLOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,1,2-TRICHLOROTRIFLUOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,1-DICHLOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,1-DICHLOROETHENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,2,4-TRICHLOROBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,2-DIBROMOETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,2-DICHLOROBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,2-DICHLOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,2-DICHLOROPROPANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,3-DICHLOROBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	1,4-DICHLOROBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	2-BUTANONE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	2-HEXANONE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	4-METHYL-2-PENTANONE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	ACETONE	5	U

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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	BENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	BROMODICHLOROMETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	BROMOFORM	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	BROMOMETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CARBON DISULFIDE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CARBON TETRACHLORIDE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CHLOROBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CHLORODIBROMOMETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CHLOROETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CHLOROFORM	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CHLOROMETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CIS-1,2-DICHLOROETHENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CIS-1,3-DICHLOROPROPENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	CYCLOHEXANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	DICHLORODIFLUOROMETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	ETHYLBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	ISOPROPYLBENZENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	METHYL ACETATE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	METHYL CYCLOHEXANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	METHYL TERT-BUTYL ETHER	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	METHYLENE CHLORIDE	8.5	
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	STYRENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TETRACHLOROETHENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TOLUENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TOTAL XYLENES	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TRANS-1,2-DICHLOROETHENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TRANS-1,3-DICHLOROPROPENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TRICHLOROETHENE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	TRICHLOROFLUOROMETHANE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	OV	UG/KG	VINYL CHLORIDE	5	U
SEDIMENT	B225-SD-TB01	8/26/08	PET	UG/KG	GASOLINE RANGE ORGANICS	2500	U
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1254	17	U

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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
SOIL	B225-SO-TP01-0006	8/26/08	PCB	UG/KG	AROCLOR-1260	17	U
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	87	
SOIL	B225-SO-TP01-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	32	P
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1254	17	U
SOIL	B225-SO-TP02-0006	8/26/08	PCB	UG/KG	AROCLOR-1260	17	U
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	41	P
SOIL	B225-SO-TP02-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	27	
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1254	17	U
SOIL	B225-SO-TP03-0006	8/26/08	PCB	UG/KG	AROCLOR-1260	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	17	U
SOIL	B225-SO-TP03-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	17	U
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1016	18	U

U - Not detected; B - Method blank contamination;
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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1221	18	U
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1232	18	U
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1242	18	U
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1248	18	U
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1254	18	U
SOIL	B225-SO-TP04-0006	8/26/08	PCB	UG/KG	AROCLOR-1260	18	U
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1016	17	U
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1221	17	U
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1232	17	U
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1242	17	U
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1248	17	U
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1254	47	
SOIL	B225-SO-TP04-0612	8/26/08	PCB	UG/KG	AROCLOR-1260	28	
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	ARSENIC	1	U
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	BARIUM	21	
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	CADMIUM	0.3	U
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	CHROMIUM	2.7	
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	LEAD	27	B
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	SELENIUM	1.5	U
WIPE	B225-WP-BRA01	8/26/08	M	UG/WI	SILVER	1.5	U
WIPE	B225-WP-BRA01A	8/27/08	M	UG/WI	MERCURY	0.02	U
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	ARSENIC	1	U
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	BARIUM	29	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	CADMIUM	1.4	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	CHROMIUM	16	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	LEAD	140	B
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	SELENIUM	1.9	
WIPE	B225-WP-BRA02	8/26/08	M	UG/WI	SILVER	1.5	U
WIPE	B225-WP-BRA02A	8/27/08	M	UG/WI	MERCURY	0.02	U
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	ARSENIC	1	U
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	BARIUM	120	
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	CADMIUM	0.3	U
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	CHROMIUM	3.5	
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	LEAD	84	B
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	SELENIUM	1.5	U
WIPE	B225-WP-WFR01	8/26/08	M	UG/WI	SILVER	1.5	U
WIPE	B225-WP-WFR01A	8/27/08	M	UG/WI	MERCURY	0.02	U

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RCRA CLOSURE, BUILDING 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
ALL ANALYTICAL RESULTS (UNVALIDATED)

MATRIX	SAMPLE_NO	SAMPLE_DATE	FRACTION	UNITS	PARAMETER	LAB_RESULT	LAB_QUAL
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	ARSENIC	1	U
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	BARIUM	120	
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	CADMIUM	0.94	
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	CHROMIUM	8.1	
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	LEAD	110	B
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	SELENIUM	1.5	U
WIPE	B225-WP-WFR02	8/26/08	M	UG/WI	SILVER	1.8	
WIPE	B225-WP-WFR02A	8/27/08	M	UG/WI	MERCURY	0.02	U
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	ARSENIC	2.2	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	BARIUM	570	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	CADMIUM	7	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	CHROMIUM	43	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	LEAD	330	B
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	SELENIUM	3.1	
WIPE	B225-WP-WFR03	8/26/08	M	UG/WI	SILVER	13	
WIPE	B225-WP-WFR03A	8/27/08	M	UG/WI	MERCURY	0.02	U
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	ARSENIC	3.2	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	BARIUM	170	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	CADMIUM	3.6	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	CHROMIUM	67	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	LEAD	58	B
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	SELENIUM	3.9	
WIPE	B225-WP-WFR04	8/26/08	M	UG/WI	SILVER	6.4	
WIPE	B225-WP-WFR04A	8/27/08	M	UG/WI	MERCURY	0.02	U

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RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SO-TP01-0006		B225-SO-TP01-0612		B225-SO-TP02-0006		B225-SO-TP02-0612		B225-SO-TP03-0006		B225-SO-TP03-0612	
SDG: G1408	LAB_ID	G1408-02A		G1408-04A		G1408-03A		G1408-05A		G1408-06A		G1408-07A	
FRACTION: PCB	SAMP_DATE	8/26/2008		8/26/2008		8/26/2008		8/26/2008		8/26/2008		8/26/2008	
MEDIA: SOIL	QC_TYPE	NM		NM		NM		NM		NM		NM	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
	PCT_SOLIDS	96.0		95.0		95.0		96.0		94.0		96.0	
	DUP_OF												
PARAMETER		RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL
AROCLOR-1016		17	U	17	U	17	U	17	U	17	U	17	U
AROCLOR-1221		17	U	17	U	17	U	17	U	17	U	17	U
AROCLOR-1232		17	U	17	U	17	U	17	U	17	U	17	U
AROCLOR-1242		17	U	17	U	17	U	17	U	17	U	17	U
AROCLOR-1248		17	U	17	U	17	U	17	U	17	U	17	U
AROCLOR-1254		17	U	87		17	U	41	P	17	U	17	U
AROCLOR-1260		17	U	32	P	17	U	27		17	U	17	U

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RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SO-TP04-0006		B225-SO-TP04-0612	
SDG: G1408	LAB_ID	G1408-08A		G1408-09A	
FRACTION: PCB	SAMP_DATE	8/26/2008		8/26/2008	
MEDIA: SOIL	QC_TYPE	NM		NM	
	UNITS	UG/KG		UG/KG	
	PCT_SOLIDS	95.0		94.0	
	DUP_OF				
PARAMETER		RESULT	VQL	RESULT	VQL
AROCLOR-1016		18	U	17	U
AROCLOR-1221		18	U	17	U
AROCLOR-1232		18	U	17	U
AROCLOR-1242		18	U	17	U
AROCLOR-1248		18	U	17	U
AROCLOR-1254		18	U	47	
AROCLOR-1260		18	U	28	

U - Not detected; P - Greater than 25% difference between two GC columns

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SD-EASTTRENCH		B225-SD-TB01	
SDG: G1408	LAB_ID	G1408-01A		G1408-19A	
FRACTION: OV	SAMP_DATE	8/26/2008		8/26/2008	
MEDIA: SEDIMENT	QC_TYPE	NM		NM	
	UNITS	UG/KG		UG/KG	
	PCT_SOLIDS	99.0		100.0	
	DUP_OF				
PARAMETER		RESULT	VQL	RESULT	VQL
1,1,1-TRICHLOROETHANE		4.5	U	5	U
1,1,2,2-TETRACHLOROETHANE		4.5	U	5	U
1,1,2-TRICHLOROETHANE		4.5	U	5	U
1,1,2-TRICHLOROTRIFLUOROETHANE		4.5	U	5	U
1,1-DICHLOROETHANE		4.5	U	5	U
1,1-DICHLOROETHENE		4.5	U	5	U
1,2,4-TRICHLOROBENZENE		4.5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE		4.5	U	5	U
1,2-DIBROMOETHANE		4.5	U	5	U
1,2-DICHLOROBENZENE		4.5	U	5	U
1,2-DICHLOROETHANE		4.5	U	5	U
1,2-DICHLOROPROPANE		4.5	U	5	U
1,3-DICHLOROBENZENE		4.5	U	5	U
1,4-DICHLOROBENZENE		4.5	U	5	U
2-BUTANONE		4.5	U	5	U
2-HEXANONE		4.5	U	5	U
4-METHYL-2-PENTANONE		4.5	U	5	U
ACETONE		4.5	U	5	U
BENZENE		4.5	U	5	U
BROMODICHLOROMETHANE		4.5	U	5	U
BROMOFORM		4.5	U	5	U
BROMOMETHANE		4.5	U	5	U
CARBON DISULFIDE		4.5	U	5	U
CARBON TETRACHLORIDE		4.5	U	5	U
CHLOROBENZENE		4.5	U	5	U
CHLORODIBROMOMETHANE		4.5	U	5	U
CHLOROETHANE		4.5	U	5	U
CHLOROFORM		4.5	U	5	U
CHLOROMETHANE		4.5	U	5	U
CIS-1,2-DICHLOROETHENE		4.5	U	5	U
CIS-1,3-DICHLOROPROPENE		4.5	U	5	U
CYCLOHEXANE		4.5	U	5	U
DICHLORODIFLUOROMETHANE		4.5	U	5	U
ETHYLBENZENE		4.5	U	5	U
ISOPROPYLBENZENE		4.5	U	5	U
METHYL ACETATE		4.5	U	5	U
METHYL CYCLOHEXANE		4.5	U	5	U
METHYL TERT-BUTYL ETHER		4.5	U	5	U
METHYLENE CHLORIDE		4.5	U	8.5	
STYRENE		4.5	U	5	U
TETRACHLOROETHENE		4.5	U	5	U
TOLUENE		4.5	U	5	U
TOTAL XYLENES		4.5	U	5	U

U - Not detected

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SD-EASTTRENCH		B225-SD-TB01	
SDG: G1408	LAB_ID	G1408-01A		G1408-19A	
FRACTION: OV	SAMP_DATE	8/26/2008		8/26/2008	
MEDIA: SEDIMENT	QC_TYPE	NM		NM	
	UNITS	UG/KG		UG/KG	
	PCT_SOLIDS	99.0		100.0	
	DUP_OF				
PARAMETER		RESULT	VQL	RESULT	VQL
TRANS-1,2-DICHLOROETHENE		4.5	U	5	U
TRANS-1,3-DICHLOROPROPENE		4.5	U	5	U
TRICHLOROETHENE		4.5	U	5	U
TRICHLOROFLUOROMETHANE		4.5	U	5	U
VINYL CHLORIDE		4.5	U	5	U

U - Not detected

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SD-EASTTRENCH	
SDG: G1408	LAB_ID	G1408-01E	
FRACTION: PCB	SAMP_DATE	8/26/2008	
MEDIA: SEDIMENT	QC_TYPE	NM	
	UNITS	UG/KG	
	PCT_SOLIDS	99.0	
	DUP_OF		
PARAMETER		RESULT	VQL
AROCLOR-1016		16	U
AROCLOR-1221		16	U
AROCLOR-1232		16	U
AROCLOR-1242		16	U
AROCLOR-1248		16	U
AROCLOR-1254		59	P
AROCLOR-1260		25	

U - Not detected; P - Greater than 25% difference between two GC columns

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SD-EASTTRENCH	
SDG: G1408	LAB_ID	G1408-01E	
FRACTION: PAH	SAMP_DATE	8/26/2008	
MEDIA: SEDIMENT	QC_TYPE	NM	
	UNITS	UG/KG	
	PCT_SOLIDS	99.0	
	DUP_OF		
PARAMETER		RESULT	VQL
2-METHYLNAPHTHALENE		17	U
ACENAPHTHENE		17	U
ACENAPHTHYLENE		17	U
ANTHRACENE		22	
BENZO(A)ANTHRACENE		100	
BENZO(A)PYRENE		110	
BENZO(B)FLUORANTHENE		330	
BENZO(G,H,I)PERYLENE		190	
BENZO(K)FLUORANTHENE		110	
CHRYSENE		220	
DIBENZO(A,H)ANTHRACENE		33	
FLUORANTHENE		340	
FLUORENE		17	U
INDENO(1,2,3-CD)PYRENE		150	
NAPHTHALENE		17	U
PHENANTHRENE		180	
PYRENE		300	

U - Not detected

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SD-EASTTRENCH	
SDG: G1408	LAB_ID	G1408-01D	
FRACTION: M	SAMP_DATE	8/26/2008	
MEDIA: SEDIMENT	QC_TYPE	NM	
	UNITS	MG/KG	
	PCT_SOLIDS	99.0	
	DUP_OF		
PARAMETER		RESULT	VQL
ARSENIC		12.5	E
BARIUM		92.3	E
CADMIUM		6.1	
CHROMIUM		121	E
LEAD		357	E
MERCURY		0.033	
SELENIUM		0.35	U
SILVER		0.066	U

U - Not detected; E - Estimated due to presence of interference

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-SD-EASTTRENCH				B225-SD-TB01	
SDG: G1408	LAB_ID	G1408-01C				G1408-19B	
FRACTION: PET	SAMP_DATE	8/26/2008				8/26/2008	
MEDIA: SEDIMENT	QC_TYPE	NM				NM	
	UNITS	MG/KG		UG/KG		UG/KG	
	PCT_SOLIDS	99.0		99.0		100.0	
	DUP_OF						
PARAMETER		RESULT	VQL	RESULT	VQL	RESULT	VQL
DIESEL RANGE ORGANICS		420					
GASOLINE RANGE ORGANICS				4100	U	2500	U

U - Not detected

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-B252-PC-04		B225-B252-PC-05		B225-B252-PC-06		B225-PC-01		B225-PC-02		B225-PC-03	
SDG: G1408	LAB_ID	G1408-20A		G1408-21A		G1408-22A		G1408-10A		G1408-11A		G1408-12A	
FRACTION: PCB	SAMP_DATE	8/26/2008		8/26/2008		8/26/2008		8/26/2008		8/26/2008		8/26/2008	
MEDIA: PAINT CHIP	QC_TYPE	NM		NM		NM		NM		NM		NM	
	UNITS	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
	PCT_SOLIDS												
	DUP_OF												
PARAMETER		RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL
AROCLOR-1016		99	U	99	U	400	U	99	U	99	U	99	U
AROCLOR-1221		99	U	99	U	400	U	99	U	99	U	99	U
AROCLOR-1232		99	U	99	U	400	U	99	U	99	U	99	U
AROCLOR-1242		99	U	99	U	400	U	99	U	99	U	99	U
AROCLOR-1248		99	U	99	U	400	U	99	U	99	U	99	U
AROCLOR-1254		99	U	99	U	400	U	99	U	99	U	99	U
AROCLOR-1260		99	U	99	U	400	U	99	U	99	U	99	U

U - Not detected

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-B252-PC-04		B225-B252-PC-05		B225-B252-PC-06		B225-PC-01		B225-PC-02		B225-PC-03	
SDG: G1408	LAB_ID	G1408-20A		G1408-21A		G1408-22A		G1408-10A		G1408-11A		G1408-12A	
FRACTION: M	SAMP_DATE	8/26/2008		8/26/2008		8/26/2008		8/26/2008		8/26/2008		8/26/2008	
MEDIA: PAINT CHIP	QC_TYPE	NM		NM		NM		NM		NM		NM	
	UNITS	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
	PCT_SOLIDS												
	DUP_OF												
PARAMETER		RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL
LEAD		41	E	351	E	71.7	E	306	E	63.7	E	3.2	E

E - Estimated due to presence of interference

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-WP-BRA01		B225-WP-BRA01A		B225-WP-BRA02		B225-WP-BRA02A		B225-WP-WFR01		B225-WP-WFR01A		B225-WP-WFR02		B225-WP-WFR02A		B225-WP-WFR03	
SDG: G1636	LAB_ID	G1636-05A		G1636-05A		G1636-06A		G1636-06A		G1636-01A		G1636-01A		G1636-02A		G1636-02A		G1636-03A	
FRACTION: M	SAMP_DATE	8/26/2008		8/27/2008		8/26/2008		8/27/2008		8/26/2008		8/27/2008		8/26/2008		8/27/2008		8/26/2008	
MEDIA: WIPE	QC_TYPE	NM		NM		NM		NM		NM		NM		NM		NM		NM	
	UNITS	UG/WI		UG/WI		UG/WI		UG/WI		UG/WI		UG/WI		UG/WI		UG/WI		UG/WI	
	PCT_SOLIDS	100.0		100.0		100.0		100.0		100.0		100.0		100.0		100.0		100.0	
	DUP_OF																		
PARAMETER		RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL	RESULT	VQL
ARSENIC		1	U			1	U			1	U			1	U			2.2	
BARIUM		21				29				120				120				570	
CADMIUM		0.3	U			1.4				0.3	U			0.94				7	
CHROMIUM		2.7				16				3.5				8.1				43	
LEAD		27	B			140	B			84	B			110	B			330	B
MERCURY				0.02	U			0.02	U			0.02	U			0.02	U		
SELENIUM		1.5	U			1.9				1.5	U			1.5	U			3.1	
SILVER		1.5	U			1.5	U			1.5	U			1.8				13	

U - Not detected; B - Method blank contamination

RCRA CLOSURE, BUILDINGS 225/252
NAS BRUNSWICK, BRUNSWICK, MAINE
UNVALIDATED ANALYTICAL RESULTS

PROJ_NO: 01074	NSAMPLE	B225-WP-WFR03A		B225-WP-WFR04		B225-WP-WFR04A	
SDG: G1636	LAB_ID	G1636-03A		G1636-04A		G1636-04A	
FRACTION: M	SAMP_DATE	8/27/2008		8/26/2008		8/27/2008	
MEDIA: WIPE	QC_TYPE	NM		NM		NM	
	UNITS	UG/WI		UG/WI		UG/WI	
	PCT_SOLIDS	100.0		100.0		100.0	
	DUP_OF						
PARAMETER		RESULT	VQL	RESULT	VQL	RESULT	VQL
ARSENIC				3.2			
BARIUM				170			
CADMIUM				3.6			
CHROMIUM				67			
LEAD				58	B		
MERCURY		0.02	U			0.02	U
SELENIUM				3.9			
SILVER				6.4			

U - Not detected; B - Method blank contamination

Mitkem Laboratories

Date: *18-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-SD-EASTTRENCH
Lab ID: G1408-01

Project: CTO-127, Brunswick
Collection Date: 08/26/08 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8015 -- Diesel Range Organics (DRO) by GC-FID							DRO_S
Diesel Range Organics	420		45	mg/Kg	1	09/12/2008 14:16	38511
Surrogate: 5a-Androstane	70.6		58-115	%REC	1	09/12/2008 14:16	38511
Surrogate: ortho-Terphenyl	64.8		50-150	%REC	1	09/12/2008 14:16	38511

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *17-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-SD-EASTTRENCH
Lab ID: G1408-01

Project: CTO-127, Brunswick
Collection Date: 08/26/08 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8015 -- Gasoline Range Organic (GRO) by GC-FID							**GRO_S**
Gasoline Range Organics	ND		4100	µg/Kg	1	09/05/2008 14:22	38487
Surrogate: Bromofluorobenzene	103		79-118	%REC	1	09/05/2008 14:22	38487

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
- B - Analyte detected in the associated Method Blank
- DF - Dilution Factor
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- RL - Reporting Limit

Mitkem Laboratories

Date: *17-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-SD-TB01
Lab ID: G1408-19

Project: CTO-127, Brunswick
Collection Date: 08/26/08 14:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8015 -- Gasoline Range Organic (GRO) by GC-FID							**GRO_S**
Gasoline Range Organics	ND		2500	µg/Kg	1	09/05/2008 14:57	38487
Surrogate: Bromofluorobenzene	100		79-118	%REC	1	09/05/2008 14:57	38487

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B225-B252-PC-04

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-20

Level (low/med): MED Date Received: 08/27/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	41.0		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B225-B252-PC-05

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-21

Level (low/med): MED Date Received: 08/27/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	351		E	P

Comments:

FORM I - IN SW846

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B225-B252-PC-06

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-22

Level (low/med): MED Date Received: 08/27/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	71.7		E	P

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
B225-PC-01

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-10

Level (low/med): MED Date Received: 08/27/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	306		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B225-PC-02

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-11

Level (low/med): MED Date Received: 08/27/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	63.7		E	P

Comments:

FORM I - IN SW846

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
B225-PC-03

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-12

Level (low/med): MED Date Received: 08/27/2008

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	3.2		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B225-SD-EASTTRENCH

Lab Name: Mitkem Laboratories Contract: 55-127, 100

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1408

Matrix (soil/water): SOIL Lab Sample ID: G1408-01

Level (low/med): MED Date Received: 08/27/2008

% Solids: 99.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.5		E	P
7440-39-3	Barium	92.3		E	P
7440-43-9	Cadmium	6.1			P
7440-47-3	Chromium	121		E	P
7439-92-1	Lead	357		E	P
7439-97-6	Mercury	0.033			CV
7782-49-2	Selenium	0.35	U		P
7440-22-4	Silver	0.066	U		P

Comments:

1F - FORM I SV-SIM

SEMIVOLATILE SIM ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SD-EASTTRENCH

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: G1408-01E

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S1F8045.D

Extraction: (Type) SONC

% Moisture: 1.0 Decanted: (Y/N) N

Date Received: 08/27/2008

Concentrated Extract Volume: 5000 (uL)

Date Extracted: 09/03/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00

Date Analyzed: 09/09/2008

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	17	U
91-57-6	2-Methylnaphthalene	17	U
208-96-8	Acenaphthylene	17	U
83-32-9	Acenaphthene	17	U
86-73-7	Fluorene	17	U
85-01-8	Phenanthrene	180	
120-12-7	Anthracene	22	
206-44-0	Fluoranthene	340	
129-00-0	Pyrene	300	
56-55-3	Benzo(a)anthracene	100	
218-01-9	Chrysene	220	
205-99-2	Benzo(b)fluoranthene	330	
207-08-9	Benzo(k)fluoranthene	110	
50-32-8	Benzo(a)pyrene	110	
193-39-5	Indeno(1,2,3-cd)pyrene	150	
53-70-3	Dibenzo(a,h)anthracene	33	
191-24-2	Benzo(g,h,i)perylene	190	

TH - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SD-EASTTRENCH

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-01E

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E1H0951F.D/E1H0951R.D

% Moisture: 1.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	16	U
11104-28-2	Aroclor-1221	16	U
11141-16-5	Aroclor-1232	16	U
53469-21-9	Aroclor-1242	16	U
12672-29-6	Aroclor-1248	16	U
11097-69-1	Aroclor-1254	59	P
11096-82-5	Aroclor-1260	25	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP01-0006

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

Mod. Ref No.:

SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: G1408-02A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: E1H0952F.D/E1H0952R.D

% Moisture: 4.0

Decanted: (Y/N) N

Date Received: 08/27/2008

Extraction: (Type) SONC

Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL)

GPC Factor: 1.00

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	17	U
11096-82-5	Aroclor-1260	17	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP02-0006

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-03A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1H0953F.D/E1H0953R.D

% Moisture: 5.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	17	U
11096-82-5	Aroclor-1260	17	U

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP01-061 2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-04A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E1H0954F.D/E1H0954R.D

% Moisture: 5.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	87	
11096-82-5	Aroclor-1260	32	P

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP02-061 2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-05A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E1H0955F.D/E1H0955R.D

% Moisture: 4.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	41	P
11096-82-5	Aroclor-1260	27	

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP03-0006

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-06A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1H0956F.D/E1H0956R.D

% Moisture: 6.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	17	U
11096-82-5	Aroclor-1260	17	U

IH - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP03-061
2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-07A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E1H0957F.D/E1H0957R.D

% Moisture: 4.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	17	U
11096-82-5	Aroclor-1260	17	U

SW846

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP04-0006

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-08A

Sample wt/vol: 28.2 (g/mL) G Lab File ID: E1H0958F.D/E1H0958R.D

% Moisture: 5.0 Decanted: (Y/N) N Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	18	U
11104-28-2	Aroclor-1221	18	U
11141-16-5	Aroclor-1232	18	U
53469-21-9	Aroclor-1242	18	U
12672-29-6	Aroclor-1248	18	U
11097-69-1	Aroclor-1254	18	U
11096-82-5	Aroclor-1260	18	U

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SO-TP04-0612

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

Mod. Ref No.:

SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: G1408-09A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: E1H0959F.D/E1H0959R.D

% Moisture: 6.0

Decanted: (Y/N) N

Date Received: 08/27/2008

Extraction: (Type) SONC

Date Extracted: 09/02/2008

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL)

GPC Factor: 1.00

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	17	U
11104-28-2	Aroclor-1221	17	U
11141-16-5	Aroclor-1232	17	U
53469-21-9	Aroclor-1242	17	U
12672-29-6	Aroclor-1248	17	U
11097-69-1	Aroclor-1254	47	
11096-82-5	Aroclor-1260	28	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-PC-01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: G1408-10A

Sample wt/vol: 2.0 (g/mL) G

Lab File ID: E1H0960F.D/E1H0960R.D

% Moisture: Decanted: (Y/N)

Date Received: 08/27/2008

Extraction: (Type) SONC

Date Extracted: 09/02/2008

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	99	U
11097-69-1	Aroclor-1254	99	U
11096-82-5	Aroclor-1260	99	U

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-PC-02

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL

Lab Sample ID: G1408-11A

Sample wt/vol: 2.0 (g/mL) G

Lab File ID: E1H0976F.D/E1H0976R.D

% Moisture: Decanted: (Y/N)

Date Received: 08/27/2008

Extraction: (Type) SONC

Date Extracted: 09/02/2008

Concentrated Extract Volume: 2000 (uL)

Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	99	U
11097-69-1	Aroclor-1254	99	U
11096-82-5	Aroclor-1260	99	U

SW846

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-PC-03

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-12A

Sample wt/vol: 2.0 (g/mL) G Lab File ID: E1H0977F.D/E1H0977R.D

% Moisture: Decanted: (Y/N) Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	99	U
11097-69-1	Aroclor-1254	99	U
11096-82-5	Aroclor-1260	99	U

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-B252-PC-04

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-20A

Sample wt/vol: 2.0 (g/mL) G Lab File ID: E1H0981F.D/E1H0981R.D

% Moisture: Decanted: (Y/N) Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	99	U
11097-69-1	Aroclor-1254	99	U
11096-82-5	Aroclor-1260	99	U

SW846

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-B252-PC-05

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-21A

Sample wt/vol: 2.0 (g/mL) G Lab File ID: E1H0982F.D/E1H0982R.D

% Moisture: Decanted: (Y/N) Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	99	U
11097-69-1	Aroclor-1254	99	U
11096-82-5	Aroclor-1260	99	U

SW846

1H - FORM 1 ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-B252-PC-06

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-22A

Sample wt/vol: 0.5 (g/mL) G Lab File ID: E1H0983F.D/E1H0983R.D

% Moisture: Decanted: (Y/N) Date Received: 08/27/2008

Extraction: (Type) SONC Date Extracted: 09/02/2008

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 09/16/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U
11096-82-5	Aroclor-1260	400	U

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SD-EASTTRENCH

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-01A

Sample wt/vol: 5.60 (g/mL) G Lab File ID: V6G0283.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/27/2008

% Moisture: not dec. 1.0 Date Analyzed: 08/28/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	4.5	U
74-87-3	Chloromethane	4.5	U
75-01-4	Vinyl chloride	4.5	U
74-83-9	Bromomethane	4.5	U
75-00-3	Chloroethane	4.5	U
75-69-4	Trichlorofluoromethane	4.5	U
75-35-4	1,1-Dichloroethene	4.5	U
67-64-1	Acetone	4.5	U
75-15-0	Carbon disulfide	4.5	U
75-09-2	Methylene chloride	4.5	U
156-60-5	trans-1,2-Dichloroethene	4.5	U
1634-04-4	Methyl tert-butyl ether	4.5	U
75-34-3	1,1-Dichloroethane	4.5	U
78-93-3	2-Butanone	4.5	U
156-59-2	cis-1,2-Dichloroethene	4.5	U
67-66-3	Chloroform	4.5	U
71-55-6	1,1,1-Trichloroethane	4.5	U
56-23-5	Carbon tetrachloride	4.5	U
107-06-2	1,2-Dichloroethane	4.5	U
71-43-2	Benzene	4.5	U
79-01-6	Trichloroethene	4.5	U
78-87-5	1,2-Dichloropropane	4.5	U
75-27-4	Bromodichloromethane	4.5	U
10061-01-5	cis-1,3-Dichloropropene	4.5	U
108-10-1	4-Methyl-2-pentanone	4.5	U
108-88-3	Toluene	4.5	U
10061-02-6	trans-1,3-Dichloropropene	4.5	U
79-00-5	1,1,2-Trichloroethane	4.5	U
127-18-4	Tetrachloroethene	4.5	U
591-78-6	2-Hexanone	4.5	U
124-48-1	Dibromochloromethane	4.5	U
106-93-4	1,2-Dibromoethane	4.5	U
108-90-7	Chlorobenzene	4.5	U
100-41-4	Ethylbenzene	4.5	U
1330-20-7	Xylene (Total)	4.5	U

SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SD-EASTTRENCH

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-01A

Sample wt/vol: 5.60 (g/mL) G Lab File ID: V6G0283.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/27/2008

% Moisture: not dec. 1.0 Date Analyzed: 08/28/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	Styrene	4.5	U
75-25-2	Bromoform	4.5	U
98-82-8	Isopropylbenzene	4.5	U
79-34-5	1,1,2,2-Tetrachloroethane	4.5	U
541-73-1	1,3-Dichlorobenzene	4.5	U
106-46-7	1,4-Dichlorobenzene	4.5	U
95-50-1	1,2-Dichlorobenzene	4.5	U
96-12-8	1,2-Dibromo-3-chloropropane	4.5	U
120-82-1	1,2,4-Trichlorobenzene	4.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.5	U
110-82-7	Cyclohexane	4.5	U
79-20-9	Methyl acetate	4.5	U
108-87-2	Methylcyclohexane	4.5	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B225-SD-EASTTRENCH

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-01A

Sample wt/vol: 5.60 (g/mL) G Lab File ID: V6G0283.D

Level: (TRACE or LOW/MED) LOW Date Received: 08/27/2008

% Moisture: not dec. 1.0 Date Analyzed: 08/28/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SD-TB01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-19A

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V6G0284.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/27/2008

% Moisture: not dec. 0.0 Date Analyzed: 08/28/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	8.5	
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	Xylene (Total)	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B225-SD-TB01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-19A

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V6G0284.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/27/2008

% Moisture: not dec. 0.0 Date Analyzed: 08/28/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B225-SD-TB01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1408

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: G1408-19A

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V6G0284.D

Level: (TRACE or LOW/MED) LOW Date Received: 08/27/2008

% Moisture: not dec. 0.0 Date Analyzed: 08/28/2008

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

Mitkem Laboratories

Date: *29-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-WP-WFR01
Lab ID: G1636-01

Project: CTO-127, Brunswick
Collection Date: 08/27/08 15:10

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							**SW6010_WIPE**
Arsenic	ND		1.0	µg/wipe	1	09/26/2008 16:39	38981
Barium	120		10	µg/wipe	1	09/26/2008 16:39	38981
Cadmium	ND		0.30	µg/wipe	1	09/26/2008 16:39	38981
Chromium	3.5		1.0	µg/wipe	1	09/26/2008 16:39	38981
Lead	84	B	0.50	µg/wipe	1	09/26/2008 16:39	38981
Selenium	ND		1.5	µg/wipe	1	09/26/2008 16:39	38981
Silver	ND		1.5	µg/wipe	1	09/26/2008 16:39	38981
SW846 7471 MOD -- Mercury by FIA							**SW747X_WIPE**
Mercury	ND		0.020	µg/wipe	1	09/24/2008 18:43	38974

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *29-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-WP-WFR02
Lab ID: G1636-02

Project: CTO-127, Brunswick
Collection Date: 09/27/08 15:11

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							**SW6010_WIPE**
Arsenic	ND		1.0	µg/wipe	1	09/26/2008 16:42	38981
Barium	120		10	µg/wipe	1	09/26/2008 16:42	38981
Cadmium	0.94		0.30	µg/wipe	1	09/26/2008 16:42	38981
Chromium	8.1		1.0	µg/wipe	1	09/26/2008 16:42	38981
Lead	110	B	0.50	µg/wipe	1	09/26/2008 16:42	38981
Selenium	ND		1.5	µg/wipe	1	09/26/2008 16:42	38981
Silver	1.8		1.5	µg/wipe	1	09/26/2008 16:42	38981
SW846 7471 MOD -- Mercury by FIA							**SW747X_WIPE**
Mercury	ND		0.020	µg/wipe	1	09/24/2008 18:44	38974

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *29-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-WP-WFR03
Lab ID: G1636-03

Project: CTO-127, Brunswick
Collection Date: 09/27/08 15:12

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							**SW6010_WIPE**
Arsenic	2.2		1.0	µg/wipe	1	09/26/2008 16:46	38981
Barium	570		10	µg/wipe	1	09/26/2008 16:46	38981
Cadmium	7.0		0.30	µg/wipe	1	09/26/2008 16:46	38981
Chromium	43		1.0	µg/wipe	1	09/26/2008 16:46	38981
Lead	330	B	0.50	µg/wipe	1	09/26/2008 16:46	38981
Selenium	3.1		1.5	µg/wipe	1	09/26/2008 16:46	38981
Silver	13		1.5	µg/wipe	1	09/26/2008 16:46	38981
SW846 7471 MOD -- Mercury by FIA							**SW747X_WIPE**
Mercury	ND		0.020	µg/wipe	1	09/24/2008 18:45	38974

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *29-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-WP-WFR04
Lab ID: G1636-04

Project: CTO-127, Brunswick
Collection Date: 09/27/08 15:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							**SW6010_WIPE**
Arsenic	3.2		1.0	µg/wipe	1	09/26/2008 16:56	38981
Barium	170		10	µg/wipe	1	09/26/2008 16:56	38981
Cadmium	3.6		0.30	µg/wipe	1	09/26/2008 16:56	38981
Chromium	67		1.0	µg/wipe	1	09/26/2008 16:56	38981
Lead	58	B	0.50	µg/wipe	1	09/26/2008 16:56	38981
Selenium	3.9		1.5	µg/wipe	1	09/26/2008 16:56	38981
Silver	6.4		1.5	µg/wipe	1	09/26/2008 16:56	38981
SW846 7471 MOD -- Mercury by FIA							**SW747X_WIPE**
Mercury	ND		0.020	µg/wipe	1	09/24/2008 18:47	38974

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *29-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-WP-BRA01
Lab ID: G1636-05

Project: CTO-127, Brunswick
Collection Date: 09/27/08 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							**SW6010_WIPE**
Arsenic	ND		1.0	µg/wipe	1	09/26/2008 16:59	38981
Barium	21		10	µg/wipe	1	09/26/2008 16:59	38981
Cadmium	ND		0.30	µg/wipe	1	09/26/2008 16:59	38981
Chromium	2.7		1.0	µg/wipe	1	09/26/2008 16:59	38981
Lead	27	B	0.50	µg/wipe	1	09/26/2008 16:59	38981
Selenium	ND		1.5	µg/wipe	1	09/26/2008 16:59	38981
Silver	ND		1.5	µg/wipe	1	09/26/2008 16:59	38981
SW846 7471 MOD -- Mercury by FIA							**SW747X_WIPE**
Mercury	ND		0.020	µg/wipe	1	09/24/2008 18:48	38974

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *29-Sep-08*

Client: Tetra Tech NUS Inc.
Client Sample ID: B225-WP-BRA02
Lab ID: G1636-06

Project: CTO-127, Brunswick
Collection Date: 09/27/08 15:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							**SW6010_WIPE**
Arsenic	ND		1.0	µg/wipe	1	09/26/2008 17:02	38981
Barium	29		10	µg/wipe	1	09/26/2008 17:02	38981
Cadmium	1.4		0.30	µg/wipe	1	09/26/2008 17:02	38981
Chromium	16		1.0	µg/wipe	1	09/26/2008 17:02	38981
Lead	140	B	0.50	µg/wipe	1	09/26/2008 17:02	38981
Selenium	1.9		1.5	µg/wipe	1	09/26/2008 17:02	38981
Silver	ND		1.5	µg/wipe	1	09/26/2008 17:02	38981
SW846 7471 MOD -- Mercury by FIA							**SW747X_WIPE**
Mercury	ND		0.020	µg/wipe	1	09/24/2008 18:52	38974

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *29-Sep-08*

CLIENT: Tetra Tech NUS Inc.
Work Order: G1636
Project: CTO-127, Brunswick

ANALYTICAL QC SUMMARY REPORT

SW6010_WIPE
SW846 6010 -- Metals by ICP

Sample ID: **MB-38981** SampType: **MBLK** TestCode: **SW6010_WIPE** Prep Date: **9/26/2008** Run ID: **OPTIMA3_080926A**
Client ID: **MB-38981** Batch ID: **38981** Units: **µg/wipe** Analysis Date: **9/26/2008** SeqNo: **889327**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	0.30									
Chromium	ND	1.0									
Lead	0.8089	0.50									
Selenium	ND	1.5									
Silver	ND	1.5									

Sample ID: **LCS-38981** SampType: **LCS** TestCode: **SW6010_WIPE** Prep Date: **9/26/2008** Run ID: **OPTIMA3_080926A**
Client ID: **LCS-38981** Batch ID: **38981** Units: **µg/wipe** Analysis Date: **9/26/2008** SeqNo: **889328**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	17.82	1.0	22.75	0	78.3	80	120	0			S
Barium	372.0	10	455.0	0	81.8	80	120	0			
Cadmium	9.292	0.30	11.35	0	81.9	80	120	0			
Chromium	37.23	1.0	45.50	0	81.8	80	120	0			
Lead	19.69	0.50	22.75	0	86.5	80	120	0			B
Selenium	18.16	1.5	22.75	0	79.8	80	120	0			S
Silver	44.28	1.5	56.50	0	78.4	80	120	0			S

Sample ID: **LCSD-38981** SampType: **LCSD** TestCode: **SW6010_WIPE** Prep Date: **9/26/2008** Run ID: **OPTIMA3_080926A**
Client ID: **LCSD-38981** Batch ID: **38981** Units: **µg/wipe** Analysis Date: **9/26/2008** SeqNo: **889329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	18.66	1.0	22.75	0	82.0	80	120	17.82	4.61	20	
Barium	400.0	10	455.0	0	87.9	80	120	372.0	7.24	20	
Cadmium	9.747	0.30	11.35	0	85.9	80	120	9.292	4.77	20	
Chromium	39.76	1.0	45.50	0	87.4	80	120	37.23	6.58	20	
Lead	20.55	0.50	22.75	0	90.3	80	120	19.69	4.28	20	
Selenium	18.64	1.5	22.75	0	81.9	80	120	18.16	2.62	20	B
Silver	47.48	1.5	56.50	0	84.0	80	120	44.28	6.98	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Tetra Tech NUS Inc.
Work Order: G1636
Project: CTO-127, Brunswick

ANALYTICAL QC SUMMARY REPORT

SW747X_WIPE
SW846 7471 MOD -- Mercury by FIA

Sample ID: **MB-38974** SampType: **MBLK** TestCode: **SW747X_WIPE** Prep Date: **9/24/2008** Run ID: **FIMS1_080924A**
Client ID: **MB-38974** Batch ID: **38974** Units: **µg/wipe** Analysis Date: **9/24/2008** SeqNo: **888154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.020									

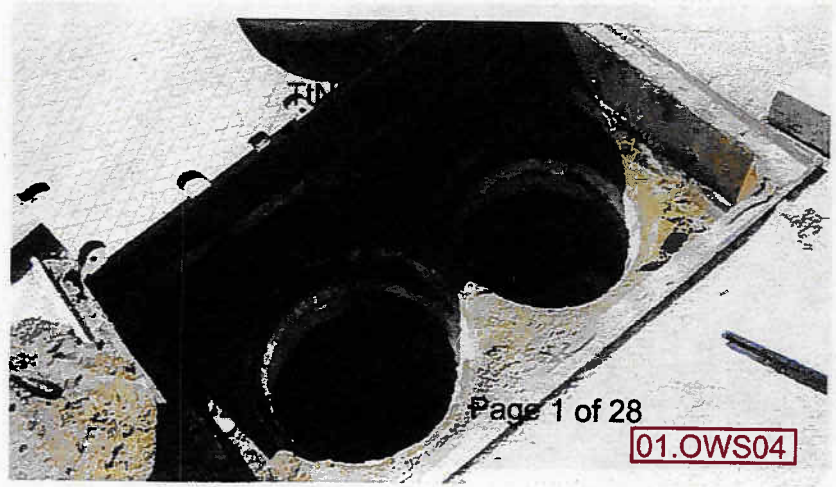
Sample ID: **LCS-38974** SampType: **LCS** TestCode: **SW747X_WIPE** Prep Date: **9/24/2008** Run ID: **FIMS1_080924A**
Client ID: **LCS-38974** Batch ID: **38974** Units: **µg/wipe** Analysis Date: **9/24/2008** SeqNo: **888155**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4100	0.020	0.4550	0	90.1	81.8	124	0			

Sample ID: **LCSD-38974** SampType: **LCSD** TestCode: **SW747X_WIPE** Prep Date: **9/24/2008** Run ID: **FIMS1_080924A**
Client ID: **LCSD-38974** Batch ID: **38974** Units: **µg/wipe** Analysis Date: **9/24/2008** SeqNo: **888156**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3947	0.020	0.4550	0	86.7	79.1	126	0.4100	3.79	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank



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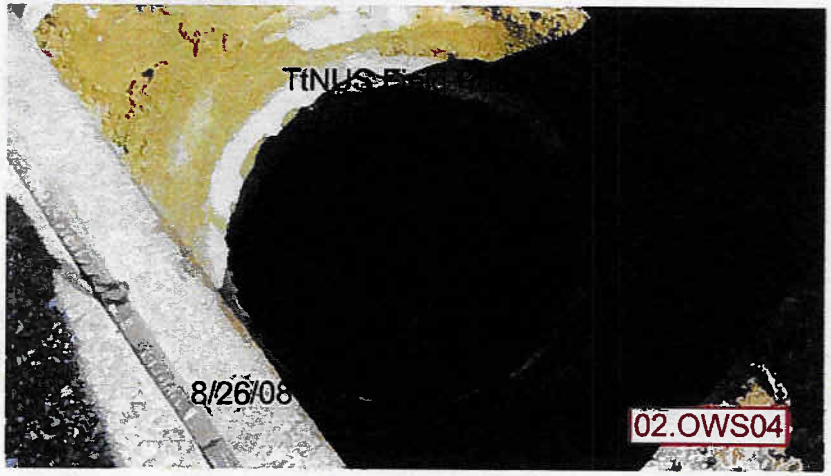
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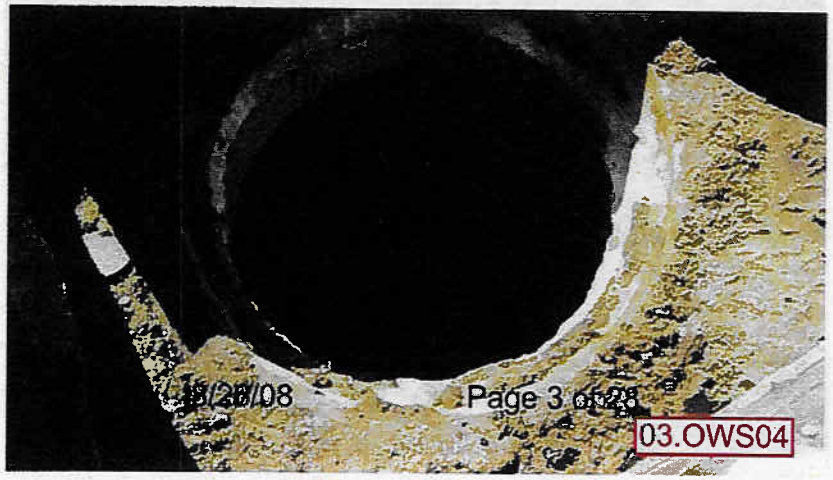
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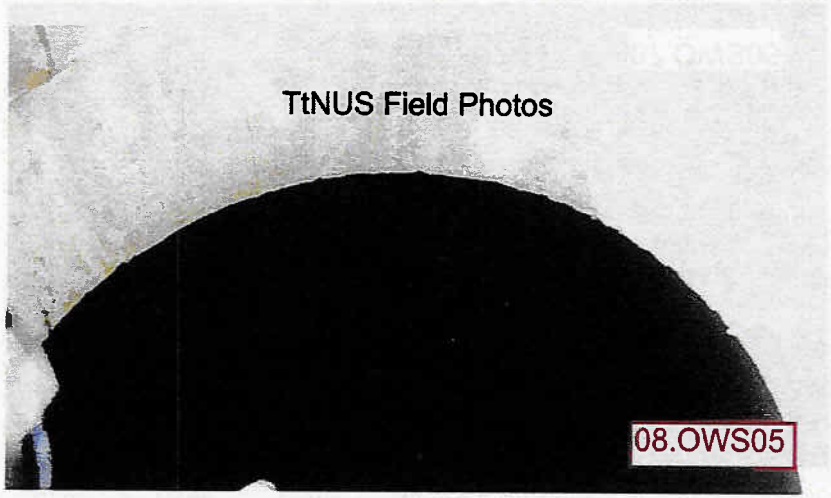
Page 3 of 28
03.OWS04

04 OWS03

8/26
05.OWS03

TINYS Field Photos
06.OWS03

07.OWS05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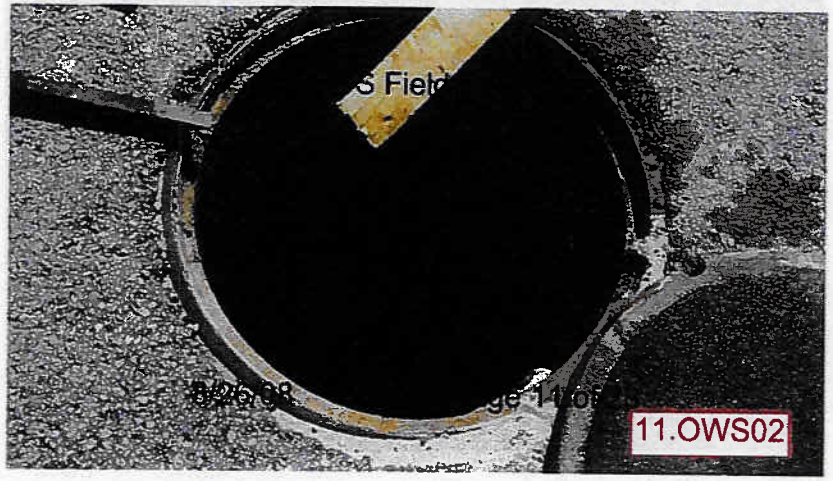
08.OWS05

Field Photos
09.OWS05

10.OWS02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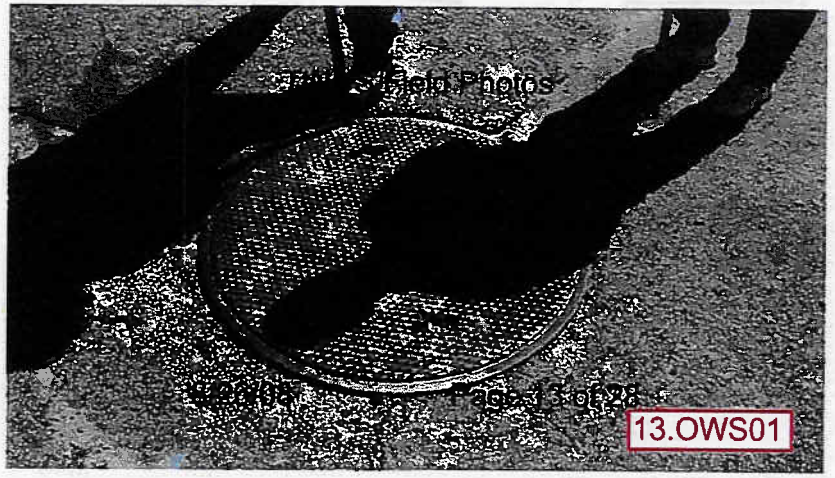
Field Photos
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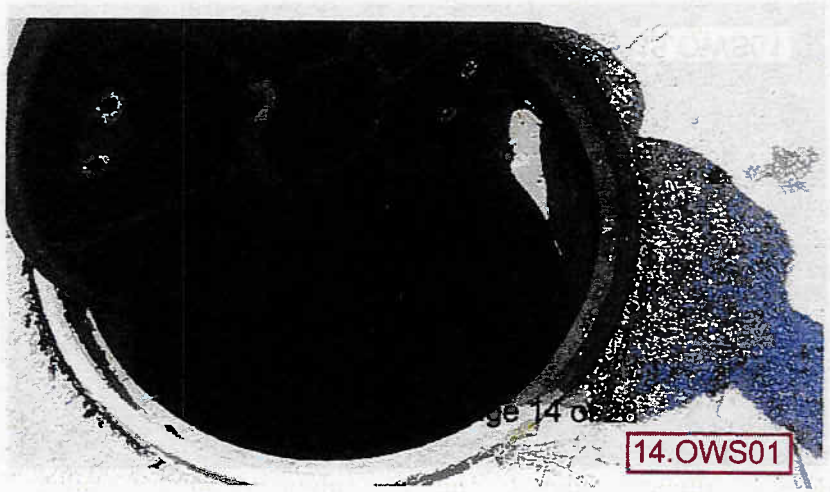
13.OWS01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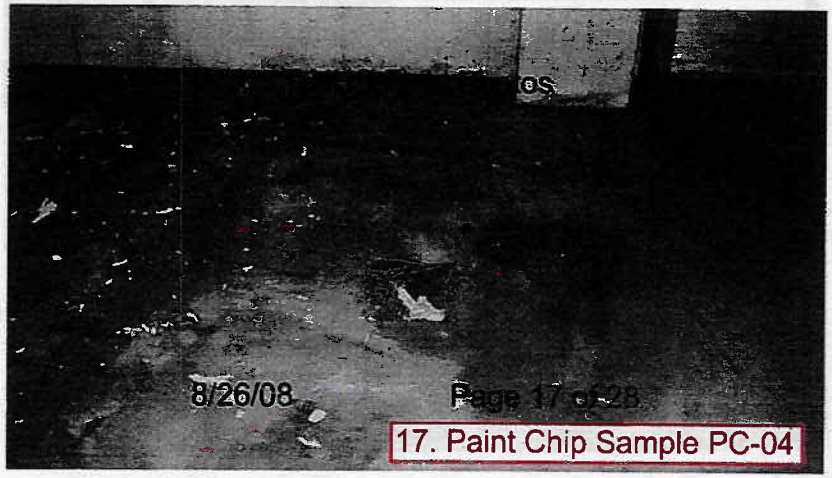
16.OWS01

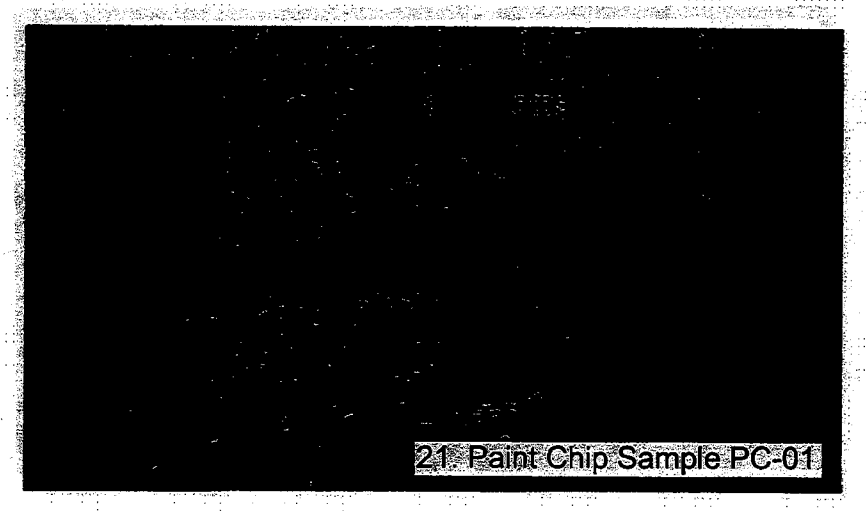


17. Paint Chip Sample PC-04

18. Paint Chip Sample PC-05

19. Paint Chip Sample PC-06

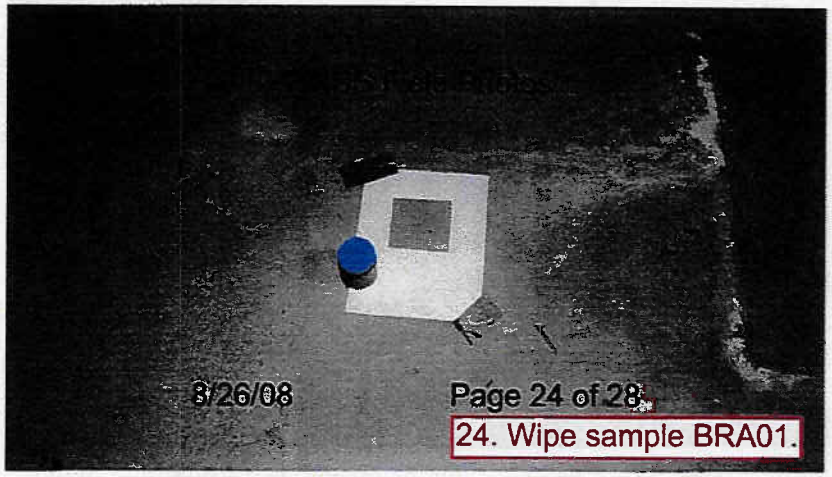
20. Paint Chip Sample PC-03



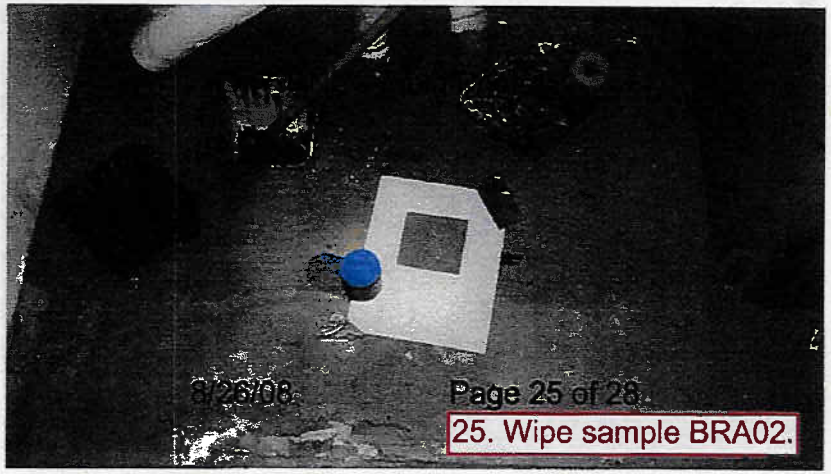
21. Paint Chip Sample PC-01

22. Floor drains along eastern side of Building 225.

23. Floor drain in Battery Repair Area.

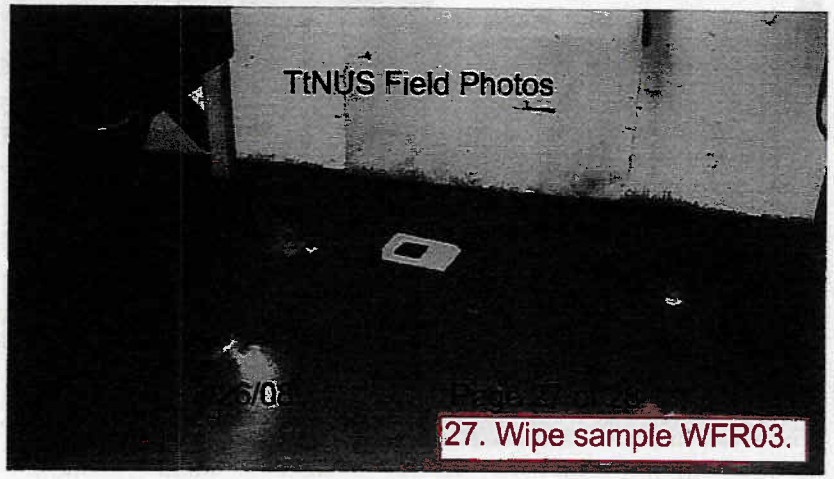


24. Wipe sample BRA01.

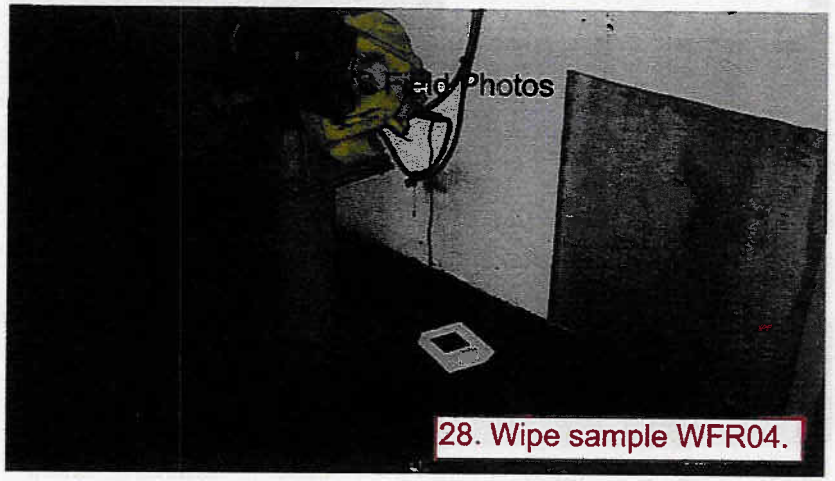


25. Wipe sample BRA02.

26. Wipe samples WFR01 (left) and WFR02 (right).



27. Wipe sample WFR03.



28. Wipe sample WFR04.

E – Correspondence - Electrical Transformer PCB Content

From: Smith, Douglas B CIV NAS Brunswick, N45
To: Burgio, Paul CIV OASN (I&E) BRAC PMO NE; Robert Gerber; Smith, Brandon
Cc: 08271; Joy, Lisa M CIV NAS Brunswick, N45
Subject: RE: RCRA CLOSURE CERTIFICATION FOR BUILDINGS 225 AND 252
Date: Thursday, August 27, 2009 2:31:38 PM

Paul,
I have contacted Cooper Power Systems, the manufacture of the transformer, and provided the S/N "916002763" so they could look it up in their records. They are having trouble finding the number. I visited the transformer and had it opened up to verify the information.

I have been told that the first numbers on the S/N indicate the year of manufacture. This indicates the transformer was manufactured in 1991.

Transformers manufactured after 1979 are required to use non-PCB oil.

Their is a big blue sticker on the inside of the transformer that states "Filled with less than two PPM PCB fluid at time of manufacture."

Will this satisfy the requirement?

V/R Bruce

-----Original Message-----
From: Burgio, Paul CIV OASN (I&E) BRAC PMO NE
Sent: Wednesday, August 26, 2009 14:55
To: Smith, Douglas B CIV NAS Brunswick, N45; 'Robert Gerber'; 'Smith, Brandon'
Cc: '08271@sebagotechnics.com'; Joy, Lisa M CIV NAS Brunswick, N45
Subject: RE: RCRA CLOSURE CERTIFICATION FOR BUILDINGS 225 AND 252

Bruce- I think Bob is out this week. If you can't find the date for the transformer change out, I guess an analysis will have to do.

thanks

Paul F. Burgio
OASN (I&E), BRAC PMO NE
Building 679, Naval Business Center
4911 South Broad Street
Philadelphia, PA 19112-1303

Office: (215) 897-4915
Fax: (215) 897-4902
Email: paul.burgio@navy.mil

-----Original Message-----
From: Smith, Douglas B CIV NAS Brunswick, N45
Sent: Wednesday, August 26, 2009 14:19
To: Burgio, Paul CIV OASN (I&E) BRAC PMO NE; 'Robert Gerber'; 'Smith, Brandon'
Cc: '08271@sebagotechnics.com'; Joy, Lisa M CIV NAS Brunswick, N45
Subject: RE: RCRA CLOSURE CERTIFICATION FOR BUILDINGS 225 AND 252

The duct work in the ceiling of the fabrication room has been removed. I have not been able to find a date for the transformer oil change out. Will an analysis work?

F – Public Works Transportation Manifests 1990-2002 Summary List

Public Works Tranportation Manifests 1990-2002

MANIFESTNO	NOMENC	COMPOS1	COMPOS2	EPA_NO
MAJ650410	ACID	ACID	BHFSR	D002
ME54201008	ACID	ALUMINIZED COMPOUND	BMYBK	D002
NYG0966645	ACID	CORROSIVE LIQUID	BZTYP	D002
ME52481001	ACID	CUPROUS CHLORIDE	BDXBR	D002
NYG0959859	ACID	FERRIC CHLORIDE SOLUTION	SEE RECORD	D002
01023708	ACID	MURATIC ACID	BQHGR	D002
NYG0476766	ACID	MURATIC ACID	BWGLC	D002
MAM506587	ACID	MURIATIC ACID	BWSDM	D002
ME5438102	ACID	MURIATIC ACID	BWGLC	D002
MAJ650454	ACID	NITRIC ACID	BBBJC	D002
NYG0966645	ACID	NITRIC ACID	BFRLB	D002
ME5435104	ACID	SOLDERING FLUX	BJTJF	D002
NYG0966645	ACID	SULFURIC ACID	BLCXD	D002
NYG0966645	ACID	SULFURIC ACID	BTHHH	D002
ME5435104	ACID	WASTE NITRIC ACID FROM DECON	BCNRH	D002
ME52611005	ACID SULFURIC	SULFURIC ACID	BJTNK	D002
ME54201002	ADHESIVE	ADHESIVE	BLPMJ	D001
ME54201002	ADHESIVE	ADHESIVE	BBPCK	D001 D035
ME54201004	ADHESIVE	ADHESIVE	BQLYT	D007
ME5438100	ADHESIVE	ADHESIVE	BBKMV	D001 D035
			BRNRS BPPCM BSXFH BVNDM	
ME5438102	ADHESIVE	ADHESIVE	BSFQB	D005 D008 D035
ME5438104	ADHESIVE	ADHESIVE	BBXYM	D001
NY131139	ADHESIVE	ADHESIVE, SPENT		D001
ME52455001	ADHESIVE	ADHESIVE, XYLENE	ANALYSIS 4060B	D001
NY131139	ADHESIVE	ADHESIVE,SPENT		D001
ME54241001	ADHESIVE	HI-VIS CLEAR SEALER	BFFVG	D001
ME52161001	ADHESIVE	NAPTHA, TOLUENE		D001
ME54241001	ADHESIVE	S-90 ADHESIVE	BGHPQ	D001
NC5262001	ADHESIVE	TOLUENE, ACETONE, TEXTILE SPIRIT		D001 F003 F005

ME52283001	ADHESIVE CONTACT	SOLVENTS		D001
ME52283001	ADHESIVE MMM-A-121	SOLVENTS		D001
ME52161001	ADHESIVE SPRAY			D001
ME528001	ADHESIVE WASTES	ACETONE, HEXANE, RESIN, DECANE, ALUMINUM OXIDE		D001
ME52181001	ADHESIVE, SB-709	PETROLEUM DISTILLATE		D001
NYG0334395	AEROSOL	AEROSOL PAINT CANS	BHDKK	D001 D007 D008
MAM506840	AEROSOL	AEROSOL STARTING FLUID	BJRFB	D001
NYG0335754	AEROSOL	AEROSOLS	BTSQB BFGWJ BQSPD BHDJN BFMHD BSSFD	D001 D007 D008
NYG0335754	AEROSOL	AREOSOL SPRAY CANS	BTTKZ	D001
NYG0476766	AEROSOL	ASSORTED SPRAY CANS	BHLSG	D001
MAJ639153	AEROSOL	COND-X	BWNZB	D001
01023708	AEROSOL	WHITE ENAMEL PAINT	BGXQH	D001
ME54034101	ALCOHOL	ISOPROPANOL	BRPKF	D001
NC5233001	ALCOHOL, DENATURED	ALCOHOL, DENATURED	OVER-AGE HAZMAT	D001 F003
NY131139	BATTERY ACID	BATTERY ACID ELECTROLYTE, SPENT		D002
ME52912001	BATTERY ACID	LEAD, SULFURIC ACID		D002 D008
ME034444	BATTERY GEL	BATTERY SULFURIC ACID/IN GEL		D009
ME54171004	BATTERY LEAD	BATTERY DEBRIS	BLGWL	D008
ME54241002	BATTERY LEAD	BATTERY LEAD		D008
MAJ650354	BATTERY LEAD	EXPLODED BATTERY	USER KNOWLEDGE	D008
ME5438103	BATTERY LEAD	GEL TYPE ACID BATTERIES	BSXBB BGQVV BUXFF BLFHL BLQSS	D008
ME54171002	BATTERY LEAD	LEAD ACID BATTERIES	BSHWC	D002 D008
ME54201006	BATTERY LEAD	LEAD ACID BATTERIES		D002 D008
ME54241002	BATTERY LEAD	LEAD ACID BATTERY	BMTZY	D002 D008
ME5429103	BATTERY LEAD	LEAD ACID BATTERY	SEE ANALYSIS	D002 D008
ME54091003	BATTERY LEAD	LEAD ACID BATTERY LEAD & SULFURIC ACID	BNSKM	D002 D008

ME52361001	BATTERY LEAD	LEAD ACID BATTERY, LEAD, SULFURIC ACID	BDYMR	D002 D008
ME52455004	BATTERY LEAD	LEAD ACID BATTERY, LEAD, SULFURIC ACID	BGSTZ BDYGN BGQVV	D002 D008
ME52666001	BATTERY LEAD	LEAD ACID BATTERY, LEAD, SULFURIC ACID	MANUFACTURER	D002 D008
AR713077	BATTERY LEAD	LEAD ACID BATTERYS	BGSTZ	D002 D008
MAH416534	BATTERY LEAD	LEAD ACID BATTERYS	BGSTZ BMTZY BGQVV	D002 D008
NC5270001	BATTERY LEAD	LEAD, ARSENIC, SULPHURIC ACID, ANTIMONY		D002 D004 D008
ME52081004	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
ME52081004	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
ME52081004	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
ME52211011	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
ME52211011	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
ME52211011	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
ME52283003	BATTERY LEAD ACID	LEAD, SULFURIC ACID		D002 D008
NC5270001	BATTERY LEAD GEL	LEAD, ARSENIC, SULPHURIC ACID, ANTIMONY		D002 D004 D008
ME034444	BATTERY/SILICA GEL	BATTERY /SILICA GEL		D002
ME52991003	CARBON REMOVAL COMP	METHYLENE CHLORIDE, CRESOL, POTASSIUM HYDROXIDE		D002 F002 F004
ME54201003	CLEANER	CLEANING COMPOUND	BHMZT	D001
NC5262003	CLEANING SOLVENT	METHYLENE CHLORIDE, NAPTHA		F001
NC5211001	CLEANING SOLVENTS	CLEANING SOLVENTS (DE-75) W/ CUTTING OILS		D001
ME52181005	CORROSION PREVENT	STODDARD SOLVENT 40-55%		D001
NYG0959859	CORROSIVE	CORROSIVE LIQUID	CCSYD	D002

MAM507607	CORROSIVE	SULFURIC ACID	GENERATOR KNOWLEDGE	D002
ME52551002	CORROSIVE ACID	DILUTE ACID	MFG MSDS	D002
ME52551002	CORROSIVE ACID	SOLUTION "E"	MFG MSDS	D002
ME52455002	GASOLINE	GASOLINE/SPEEDY DRY	BPBJD	D001 D018
CTF0023664	GASOLINE WASTE	FUEL FARM TANK CLEANING CONTRACT CLEANING FOR	99% GASOLINE/1% WATER UST REMOVAL	D001 D018
MAJ650454	HYDROCHLORIC ACID	HYDROCHLORIC ACID	BBBTV	D002
MAJ650454	HYDROCHLORIC ACID	HYDROCHLORIC ACID	MFG MSDS	D002
MAJ650454	HYDROGEN PEROXIDE	HYDORGEN PEROXIDE 50% SOLUTION	BQGDQ	D001 D002
NC5256201	LEAD ACID BATTERY	SULFURIC ACID, LEAD		D002 D008
ME52611006	OIL	FLUID CHANGE OUT OIL	ANALYSIS 4105 DEF	D035
ME52111003	OIL, WASTE	WASTE OIL, WATER, SLUDGE		D001
MAJ650299	OIL/GAS	CONTAMINATED DIESEL		D001 D018
MAJ650347	OIL/GAS	CONTAMINATED DIESEL FUEL	BYDZP	D001 D018
MAM506628	OIL/GAS	CONTAMINATED GAS FROM TRANSPORTATION	USER KNOWLEDGE	D001 D018
00937313	OIL/GAS	GASOLINE	SEE ATTACHED	D001 D008
ME5438100	OIL/GAS	GASOLINE	BMZQY	D001 D008 D018
ME54241003	OIL/GAS	GASOLINE AND OIL MIXTURE		D001
ME54034105	OIL/GAS	GASOLINE AND WATER	BHVPN	D001 D018
ME54201002	OIL/GAS	PENETRATING OIL	BRGTV	D001
SEE FOLDER	PETROLEUM NAPTHA	PETROLEUM NAPTHA		D001
SEE FOLDER	PETROLEUM NAPTHA	PETROLEUM NAPTHA		D001
00937236	PHENOL	PHENOL	BGLVY	D001
J0792489	POWER PAK AEROSOL	POWER PAK AEROSOL CONTAINING CFCS		F002
NYG1199484	SLUDGE	BLDG 225 PARTS WASHER	AWT ANALYSIS 9061C	D006
MAJ639026	SLUDGE	SLUDGE & WATER	ANALYSIS 6079B	MA01

SEE FOLDER	SOLVENT	SAFETY KLEEN	SEE FOLDER	D001 D006 D008 D018 D035 D039
SEE FOLDER	SOLVENT	SOLVENT		D039
SEE FOLDER	SOLVENT	SOLVENT TANK CHANGEOUT	NEX,MWR,PW	D001 D006 D008 D018 D039 D040
NC5233004	SOLVENT DEGREASER	SOLVENT DEGREASER	OVER-AGE HAZMAT	F002
ME54251002	SOLVENT NON-HAL	SOLVENT	ANALYSIS 5151A 5151B	F005
ME54201003	SOLVENT NON-HAL	WASTE ACETONE	BDGXV	D001
NC5233004	STAIN REMOVER	STAIN REMOVER	OVER-AGE HAZMAT	D002
ME52912001	SULFURIC ACID, SPEN	SULFURIC ACID, PH 0.5 (FIELD TEST); LEAD	81 BATTERIES (093 GALS) FROM DEC 92 -JUN 93	D002 D008
NC5262001	THINNER	XYLENE, N-BUTYL ALCOHOL, ISOPROPYL ALCOHOL		D001 F003
NC5262004	THINNER, PAINT	TOLUENE, MEK, PAINT RELATED MATERIAL		D001 D035 F005
NC5202002	TRICHLOROETHANE	1,1,1, TRICHLOROETHANE, DIRTY		F002
Y1309932	WASTE FUELS, CONTAM	WASTE MOTOR FUELS, CONTAMINATED W/ WATER, DIRT		D001
SEE FOLDER	WASTE GASOLINE	WASTE GASOLINE	WASTE GASOLINE FROM OLD FUEL FARM	D001 D018
NC5256203	WASTE OIL, CONTAMIN	CADMIUM (2.57 MG/L), LEAD (12.58 MG/L)	ANALYSIS KAL 099	D006 D008
NC5256203	WASTE OIL, CONTAMIN	CHROMIUM (136.0MG/L)		D007
ME038556	WASTE OIL,CONTAM.	WASTE OILS, CONTAMINATED W/HALOGENS		D001

G – First Phase Cleaning Wipe Sample Results

FAXED 10/24/08

IATL International Asbestos Testing Laboratories

16000 Horizon Way Unit 100 Mt. Laurel, NJ 08054
Telephone: 856.231.9449 Fax: 856.231.9818

Chain of Custody / Transmittal

PRELIMINARY RESULTS
Lead Analysis

Client: Environmental Management, Inc
P.O. Box 391
Pennsauken, NJ 08110

Project No.:

Client Contact: J. Gill
Telephone: (609) 234-7589
FAX: (609) 234-0892

Facility: Jans
Bld. 225 Welding Shop

Instructions: #

DATE: 10/21/08

Analysis: Atomic Absorption Spectroscopy (Flame / Furnace)
Method: ASTM 3335-85a (Paint Wipe) / NIOSH 7082 (Air)
EPA SW846 (Soil) / EPA 200.7 ASTM D3359-90D (Water)

Lab Contact: Frank Ehrenfeld
(856) 231-9449

Turn Around Time: 48 Hr

Samples Relinquished:		Date: 10/21/08	Time:
Samples Received:		Date:	Time:
Sample Prep/Analysis:		Date: 10/24/08	Time:
Prelim. Results Released:		Date:	Time:

RECEIVED OCT 22 2008

RUN # A1207

10/29/08

Summary Data

Client Sample #	IATL #	Location / Description	Area(L) Volume(L)	AAS Results
1	3443686	Welding Shop - Floor By Sink		
2	3443687	Welding Shop - Steam Pipe		
3	3443688	Welding Shop - Top of Electrical Box		
4	3443689	Welding Shop - Top of Molding		
5	3443690	Welding Shop - Top of Bandsaw		
6	3443691	Welding Shop Top of Breaker Panel		

* = Insufficient Sample Provided to Perform QC ReAnalysis (<200mg)
** = Insufficient Sample Provided to Analyze (<50mg)
*** = Matrix / Substrate Interference Possible
FB = Method Requires the submittal of blank(s).
ML = Multi Layered Sample. May result in inconsistent results.

Page 1 of 1

10/22/08

These preliminary results are issued by IATL to expedite procedures by clients based upon the above data. IATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories
9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: Environmental Management Inc.
PO Box 391
Brunswick ME 04011

Report Date: 10/24/2008
Report Number: 10086643
Project: BNAS Bldg. 225 Welding Shop
Project No.:

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Location / Description	Area Sampled (ft^2)	Concentration ($\mu g/ft^2$)
3443686	1	Welding Shop Floor By Sink	1.00	1900.0
3443687	2	Welding Shop Steam Pipe	1.00	480.0
3443688	3	Welding Shop TopOfElectricalBox	1.00	410.0
3443689	4	Welding Shop Top Of Molding	1.00	290.0
3443690	6	Welding Shop Top Of Band Saw	1.00	160.0
3443691	6	Welding Shop TopOfBreakerPanel	1.00	750.0

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA No. 100188 / NYSDOH-ELAP No. 11021

Analysis Method: EPA SW846-(7420/7421) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges And Sediments By AAS"

Comments: Regulatory limit varies by surface location (EPA/HUD guidelines). Unless otherwise stated, results assume one square foot sampled. Method requires submittal of blanks. IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD= 0.2 ppm MDL=2.0 $\mu g/ft^2$ RL=10.0 $\mu g/ft^2$ (based upon 1.0 square foot sampled). The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792. Sample results are not corrected for contamination by field or analytical blanks.

Date Received: 10/22/2008
Date Analyzed: 10/24/2008
Analyst: R. Donato

Approved By:
Frank B. Ehrenfeld, III
Laboratory Director

..TIONAL ASBESTOS TESTING LABORATORIES
. COMMERCE PARKWAY, SUITE B – MT. LAUREL, NJ 08054

FAXED 2-9-09

Tel (856) 231-9449
Fax (856) 231-9818

CHAIN-OF-CUSTODY /TRANSMITTAL
PRELIMINARY RESULTS - LEAD ANALYSIS

Client: **ENVIRONMENTAL MANAGEMENT, INC.**
P.O. BOX 391
BRUNSWICK, MAINE 04011

Project No.:
Client Contact:
Phone: (207) 729-7549
FAX: (207) 721-0892

Facility: BUDS BLD 225 ALEXANDER Shop

Date: 2/4/09

Instructions:

Lab Contact: Frank Ehrenfeld (856) 231-9449

Analysis: Atomic Absorption Spectroscopy (Flame / Furnace)
Method: ASTM 3335-85a (Paint, Wipe) NIOSH 7082 (Air)
EPA SW846 (Soil) / EPA 200.7 ASTM D3359-90D (Water)

Turn-Around-Time: 24 Hr

SAMPLES RELIQUISHED:	DATE: 2/4/09	TIME:	
SAMPLES RECEIVED:	DATE:	TIME:	
SAMPLE PREP/ANALYSIS:	DATE:	TIME:	
PRELIM. RESULTS RELEASED:	DATE:	TIME:	

RECEIVED FEB 6 2009

02/12/09 @ 02/16/09

Summary Data

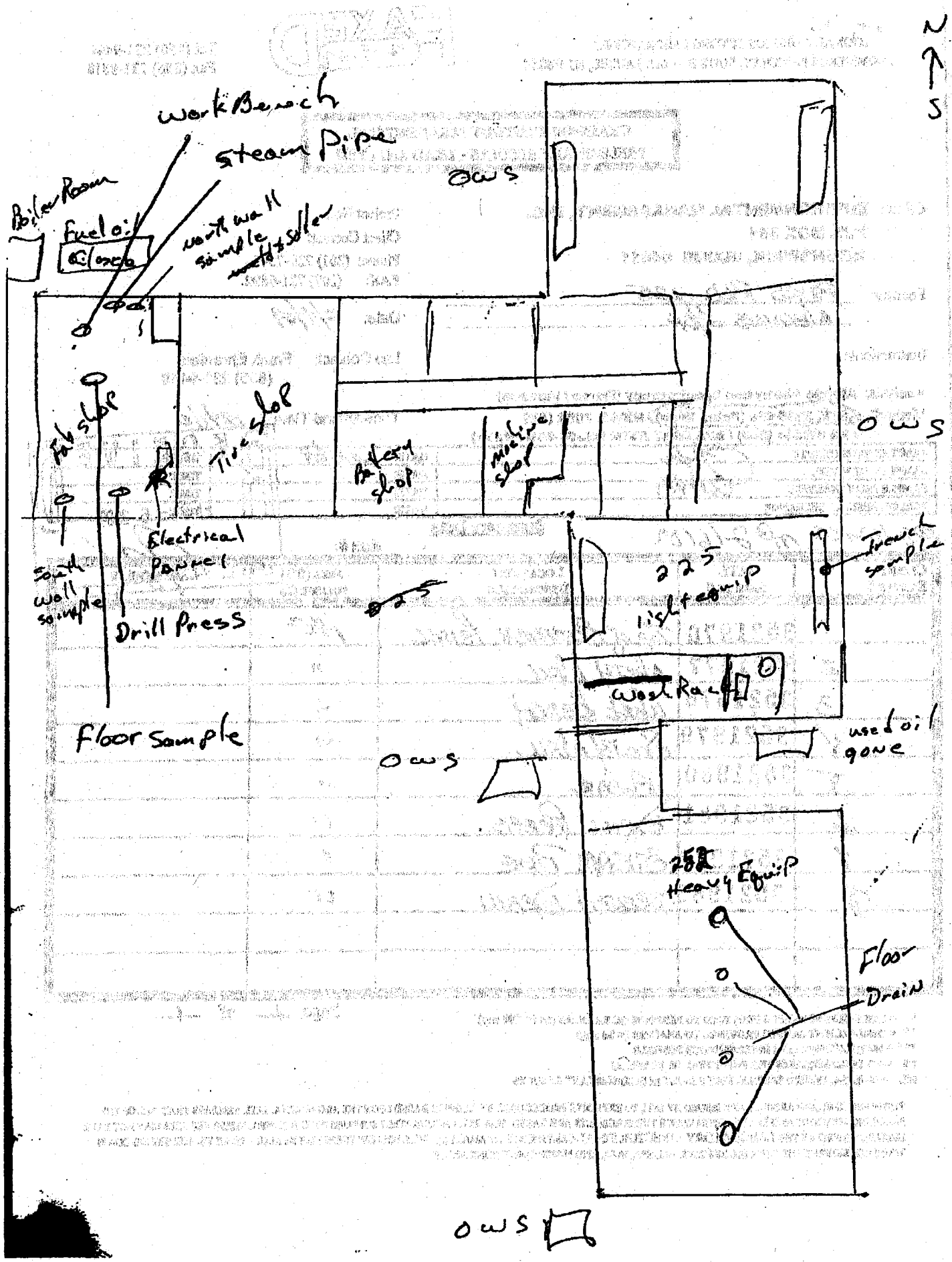
RUN #:

CLIENT SAMPLE #	IATL SAMPLE #	LOCATION / DESCRIPTION	AREA (ft²) VOLUME (L)	IATL - LAB RESULTS
1	3521976	Top of Electrical Panel	1 ft²	
2	3521977	North Wall	"	
3	3521978	Work Bench	"	
4	3521979	South Wall	"	
5	3521980	Floor	"	
6	3521981	Drill Press	"	
7	3521982	Steam Pipe	"	
8	3521983	Trench Drain	"	

Page 1 of 1

* = INSUFFICIENT SAMPLE PROVIDED TO PERFORM QC REANALYSIS (< 200 mg)
** = INSUFFICIENT SAMPLE PROVIDED TO ANALYZE (< 50 mg)
*** = MATRIX/SUBSTRATE INTERFERENCE POSSIBLE
FB = METHOD REQUIRES THE SUBMITTAL OF BLANK (s)
ML = MULTI-LAYERED SAMPLE. MAY RESULT IN INCONSISTANT RESULTS

THESE PRELIMINARY RESULTS ARE ISSUED BY IATL TO EXPEDITE PROCEDURES BY CLIENTS BASED UPON THE ABOVE DATA. IATL ASSUMES THAT ALL OF THE SAMPLING METHODS AND DATA, UPON WHICH THESE RESULTS ARE BASED, HAS BEEN ACCURATELY SUPPLIED BY THE CLIENT. THESE RESULTS MAY NOT HAVE BEEN REVIEWED BY THE LABORATORY DIRECTOR FINAL CERTIFICATE OF ANALYSIS WILL FOLLOW THESE PRELIM INARY RESULTS. THE SIGNED COA IS TO BE CONSIDERED THE OFFICIAL RESULTS. ALL EPA, HUD, AND NIDEP CONDITIONS APPLY.


N
S
Work Bench
steam Pipe
Boiler Room
Fuel oil
Closed
north wall sample
OWS
Fab shop
Tire shop
Battery shop
Machine shop
OWS
Electrical Panel
south wall sample
Drill Press
225
225 light equip
Trench sample
Work Rack
Floor sample
used oil gone
OWS
252 Heavy Equip
Floor Drain
OWS

International Asbestos
Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: Environmental Management Inc.
51 River Rd. PO Box 391
Brunswick ME 04011

Report Date: 2/9/2009
Report Number: 02092031
Project: BNAS Bldg 225, Welding Shop
Project No.:

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Location / Description	Area Sampled (ft^2)	Concentration ($\mu g/ft^2$)
3521976	1	Top Of Electrical Panel	1.00	170.0
3521977	2	North Wall	1.00	4100.0
3521978	3	Work Bench	1.00	75.0
3521979	4	South Wall	1.00	10.0
3521980	5	Floor	1.00	230.0
3521981	6	Drill Press	1.00	250.0
3521982	7	Steam Pipe	1.00	20.0
3521983	8	Trench Drain main garage	1.00	760.0

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA No. 100188 / NYSDOH-ELAP No. 11021

Analysis Method: EPA SW846-(7420) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges And Sediments By AAS"

Comments: Regulatory limit varies by surface location (EPA/HUD guidelines). Unless otherwise stated, results assume one square foot sampled. Method requires submittal of blanks. IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD= 0.2 ppm MDL=2.0 $\mu g/ft^2$ RL=10.0 $\mu g/ft^2$ (based upon 1.0 square foot sampled). The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 2/6/2009
Date Analyzed: 2/9/2009
Analyst: C. Shaffer

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

ENVIRONMENTAL MANAGEMENT, INC.
P.O.BOX 391 Brunswick, ME 04011
(207)729-7549
FAX (207)721-0892

April 1, 2009

Ms. Carla Sanders
Public Works Dept.
Naval Air Station
Asbestos and Lead Coordinator
437 Huey Drive
Brunswick, ME 04011

Dear Ms. Sanders,

SUBJECT: POST CLEAN UP SAMPLING OF BUILDING 225, BNAS

On February 6, 2009, Environmental Management, Inc. conducted a post clean up inspection and wipe sampling of the former welding shop of Building 225. Samples were collected from areas representative of the pre-clean up sampling with the addition of the trench drain fin the front of the building.

Most of the sample locations showed note improvement but a sample of the north wall, where it was still visibly dirty revealed high levels of lead dust remained. For further cleaning a target level should be specified and a visual inspection and sampling should be conducted before the cleaning contractor is released.

Enclosed please find the Wipe Sampling Data. If you have any questions please contact us at 729-7549.

Sincerely,

John D. Gill
President
Environmental Management, Inc.

IATL International Asbestos Testing Laboratories
9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone 856-231-9449 Fax 856-231-9818

CERTIFICATE OF ANALYSIS

Client: Environmental Management Inc.
51 River Rd. PO Box 391
Brunswick ME 04011

Report Date: 7/8/2009
Report Number: 07092729
Project: BNAS Bld 225; 7/3/09
Project No.: 09-8652

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Location / Description	Area Sampled (ft²)	Concentration (µg/ft²)
3665836	1	Elec. Panel	1.00	35.0
3665837	2	Drill Press	1.00	290.0
3665838	3	N. Wall	1.00	490.0
3665839	4	Floor	1.00	60.0

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA No. 100188 NYSDOH-ELAP No. 11021

Analytic Methods: EPA SW846-(7420) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges And Sediments By AAS"

Comments: Regulatory limit varies by surface location (EPA/HUD guidelines). Unless otherwise noted, results always non-square foot sampled. Without regards potential or limits, IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately provided by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Demonstrated (LSD) in accordance with AIHA-ELAP policies. LSD=0.2 ppm MDL=0.0 µg/ft² RL=0.0 µg/ft² (based upon 1.0 square foot sampled). The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of sealed floor shall be collected using a wipe that meets ASTM E1792. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to items tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 7/7/2009
Date Analyzed: 7/8/2009
Analyst: C. Shelley

Approved By:
Frank R. Shemchak, III
Laboratory Director

IA'I'L International Asbestos Testing Laboratories
9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-0449 Fax: 856-231-0818

CERTIFICATE OF ANALYSIS

Client: Environmental Management Inc.
51 River Rd. PO Box 391
Brunswick ME 04011

Report Date: 7/15/2009
Report Number: 07094752
Project: BNAS Bldg. 225; 7/14/09
Project No.:

LEAD WIPE SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Location / Description	Area Sampled (ft²)	Concentration (ug/ft²)
3672937	1	Wall	1.00	25.0
3672938	2	Drill Press	1.00	45.0

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA No. 100188 NYSDOH-ELAP No. 11021

Analysis Method: EPA SW846-7420 "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges And Sediments By AAS"

Comments: Regulatory limit varies by region location (EPA/HUD guidelines). Unless otherwise stated, results account one square foot sampled. Method reagent substitutes of blanks. IATL assumes that all of the sampling methods and data from which these results are based, have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD= 0.5 ppm MDL=0.0 µg/ml RL=0.0 µg/ml (based upon 1.0 square foot sampled). The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792. Sample results are not corrected for contamination by field or analytical blanks. The confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 7/15/2009
Date Analyzed: 7/15/2009
Analyst: C. Shaffer

Approved By:
Frank R. Shaefield, III
Laboratory Director

Attachment F
Electrical Transformer History Relative to PCB Content

From: Smith, Douglas B CIV NAS Brunswick, N45
To: Burgio, Paul CIV OASN (I&E) BRAC PMO NE; Robert Gerber; Smith, Brandon
Cc: 08271; Joy, Lisa M CIV NAS Brunswick, N45
Subject: RE: RCRA CLOSURE CERTIFICATION FOR BUILDINGS 225 AND 252
Date: Thursday, August 27, 2009 2:31:38 PM

Paul,
I have contacted Cooper Power Systems, the manufacture of the transformer, and provided the S/N "916002763" so they could look it up in their records. They are having trouble finding the number. I visited the transformer and had it opened up to verify the information.

I have been told that the first numbers on the S/N indicate the year of manufacture. This indicates the transformer was manufactured in 1991.

Transformers manufactured after 1979 are required to use non-PCB oil.

Their is a big blue sticker on the inside of the transformer that states "Filled with less than two PPM PCB fluid at time of manufacture."

Will this satisfy the requirement?

V/R Bruce

-----Original Message-----
From: Burgio, Paul CIV OASN (I&E) BRAC PMO NE
Sent: Wednesday, August 26, 2009 14:55
To: Smith, Douglas B CIV NAS Brunswick, N45; 'Robert Gerber'; 'Smith, Brandon'
Cc: '08271@sebagotechnics.com'; Joy, Lisa M CIV NAS Brunswick, N45
Subject: RE: RCRA CLOSURE CERTIFICATION FOR BUILDINGS 225 AND 252

Bruce- I think Bob is out this week. If you can't find the date for the transformer change out, I guess an analysis will have to do.

thanks

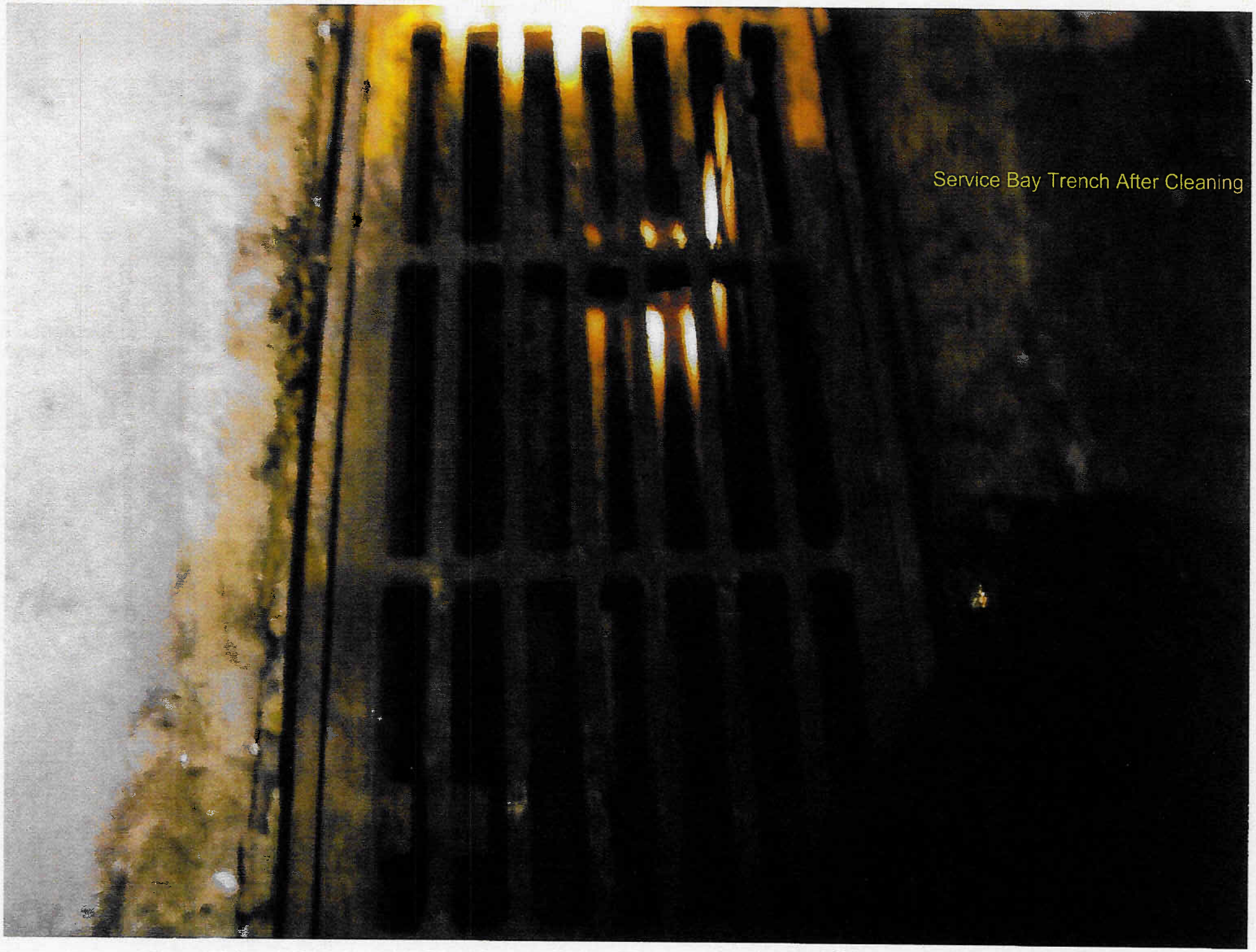
Paul F. Burgio
OASN (I&E), BRAC PMO NE
Building 679, Naval Business Center
4911 South Broad Street
Philadelphia, PA 19112-1303

Office: (215) 897-4915
Fax: (215) 897-4902
Email: paul.burgio@navy.mil

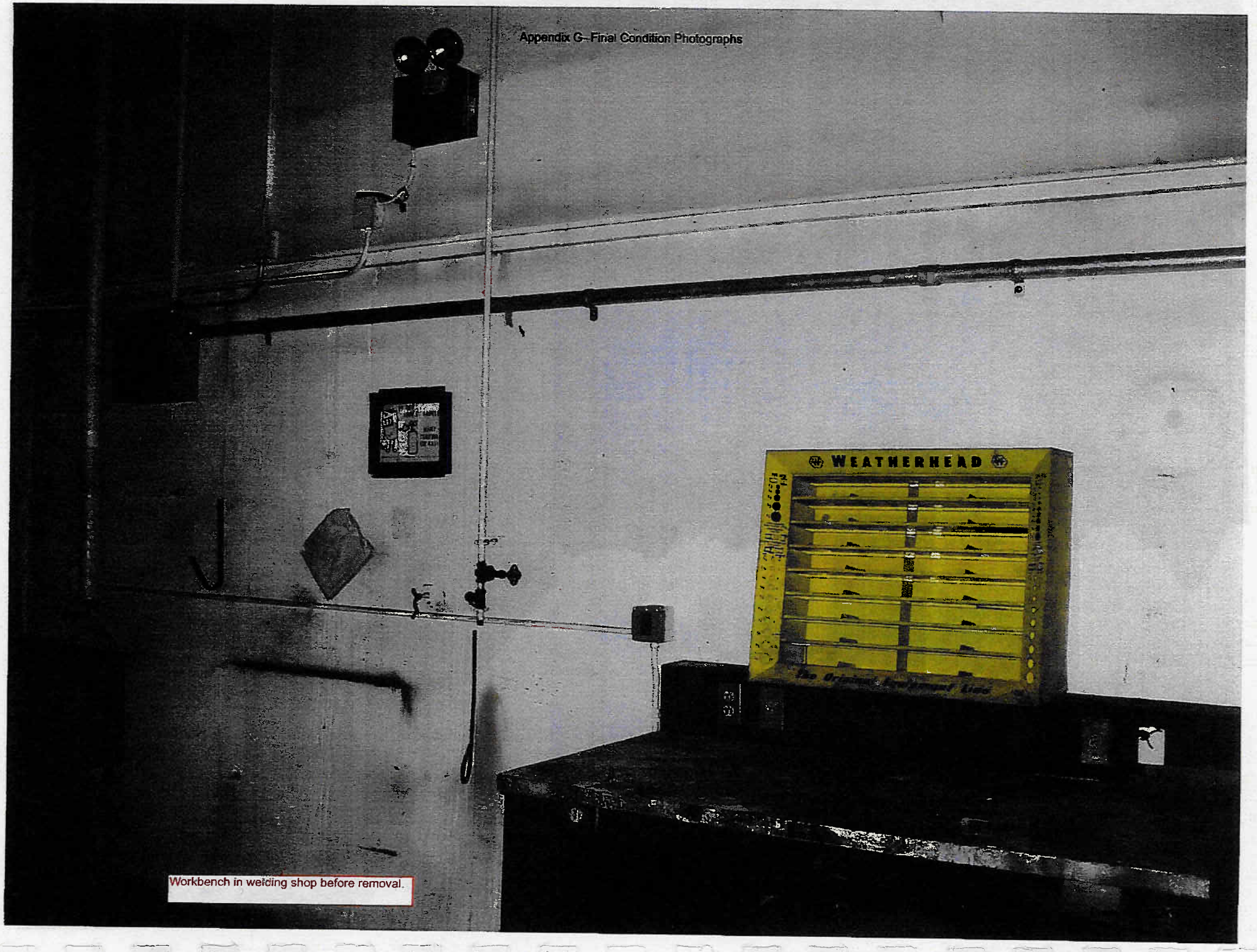
-----Original Message-----
From: Smith, Douglas B CIV NAS Brunswick, N45
Sent: Wednesday, August 26, 2009 14:19
To: Burgio, Paul CIV OASN (I&E) BRAC PMO NE; 'Robert Gerber'; 'Smith, Brandon'
Cc: '08271@sebagotechnics.com'; Joy, Lisa M CIV NAS Brunswick, N45
Subject: RE: RCRA CLOSURE CERTIFICATION FOR BUILDINGS 225 AND 252

The duct work in the ceiling of the fabrication room has been removed. I have not been able to find a date for the transformer oil change out. Will an analysis work?

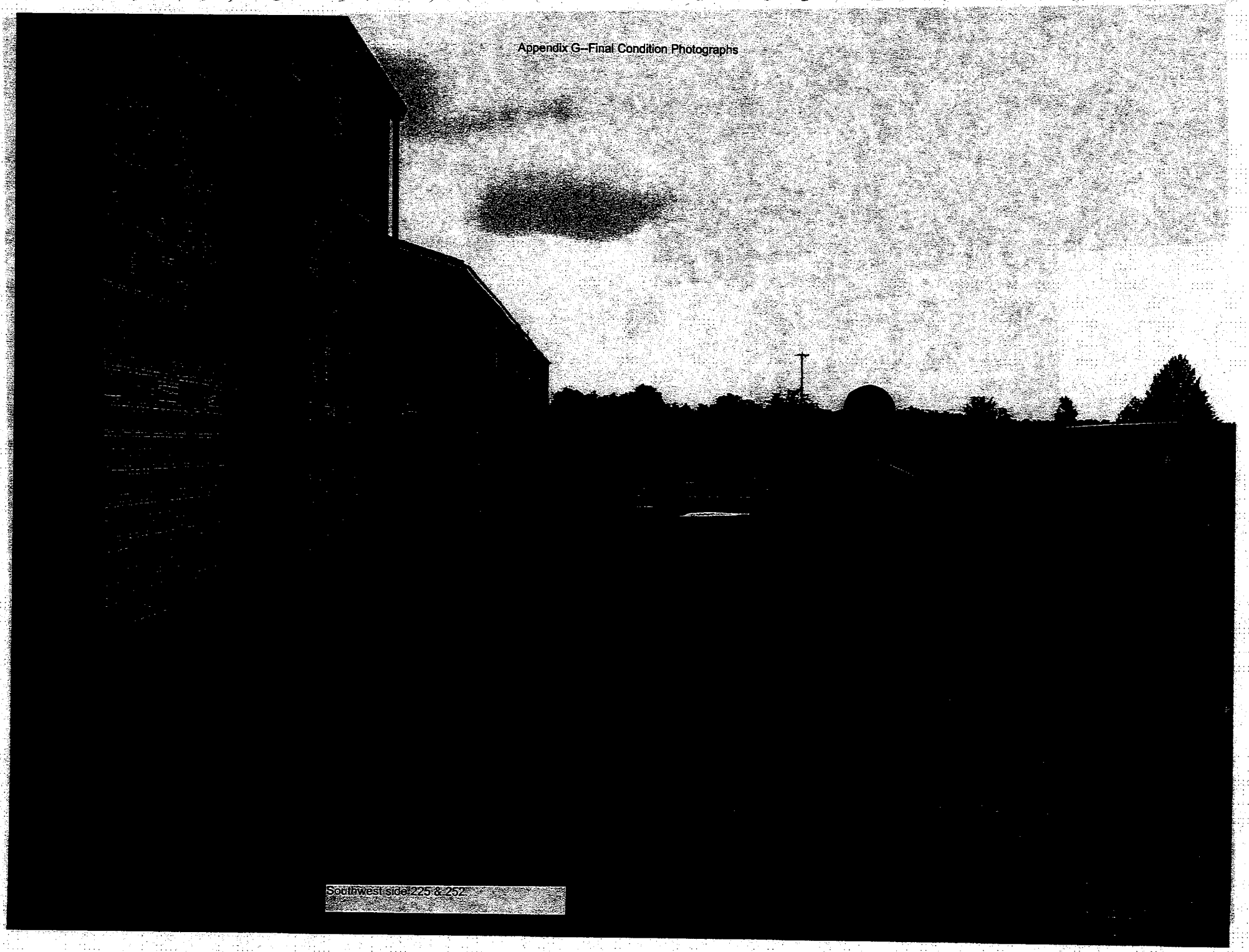
Attachment G
Final Condition Photographs



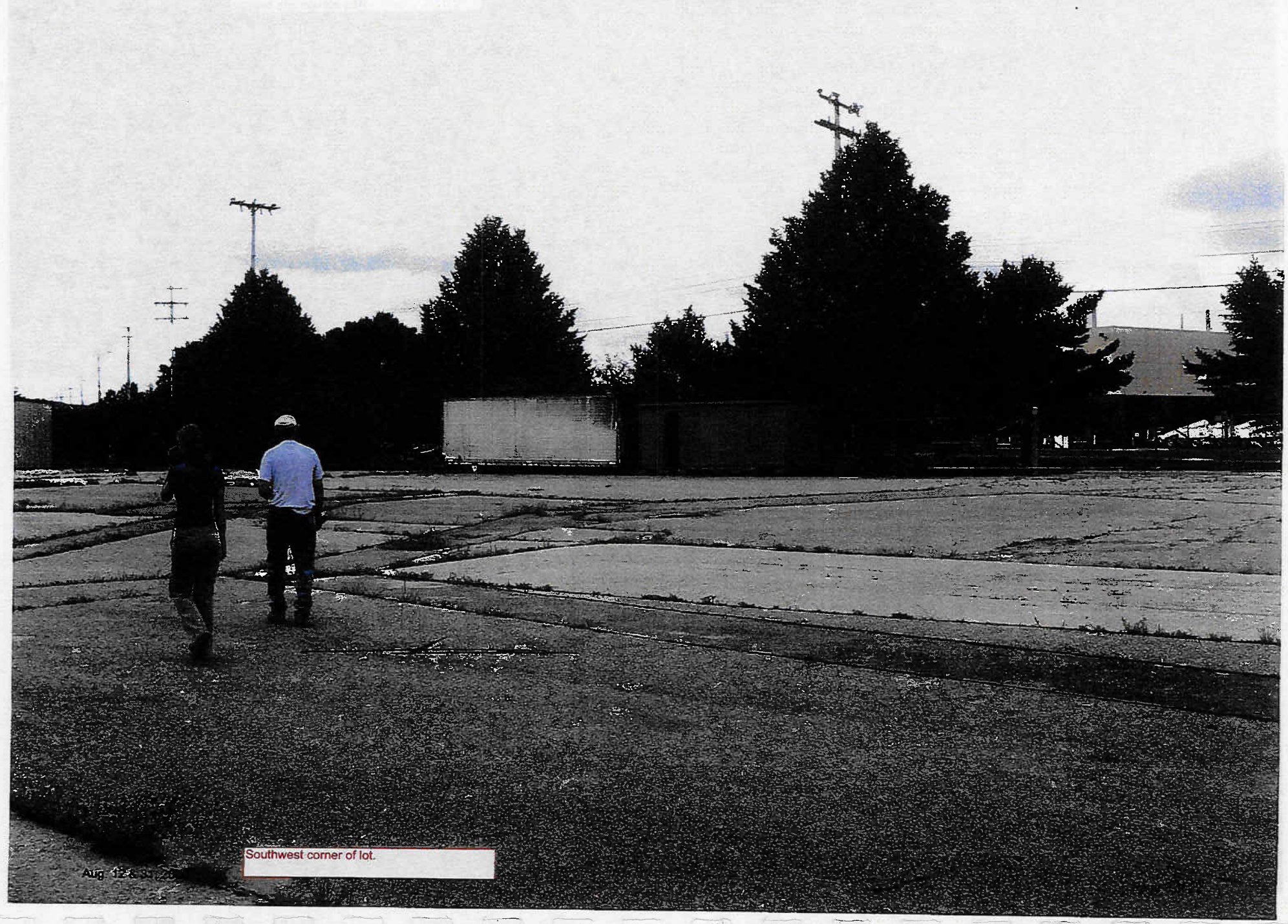
Service Bay Trench After Cleaning



Workbench in welding shop before removal.

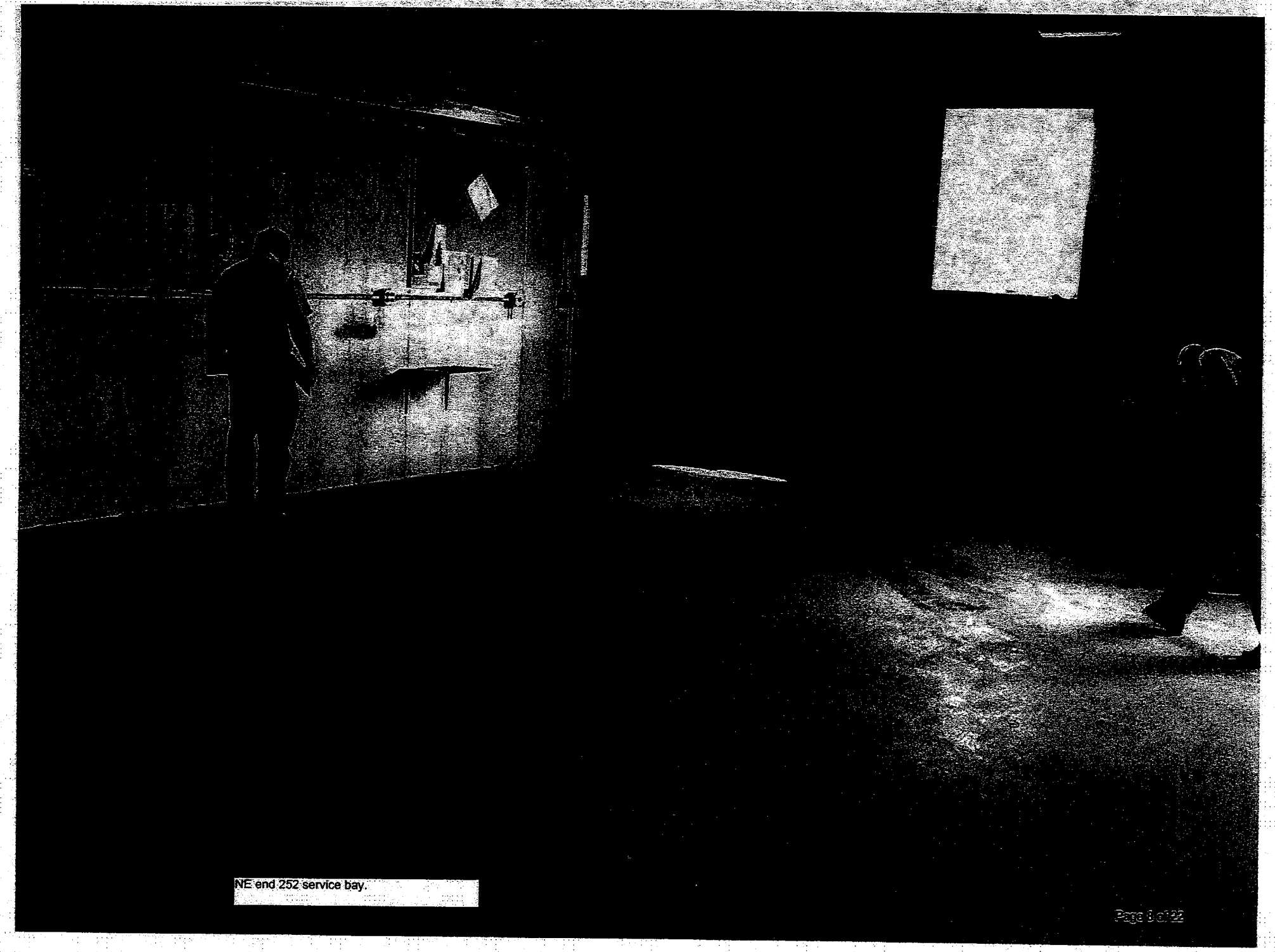


Southwest side 225 & 257

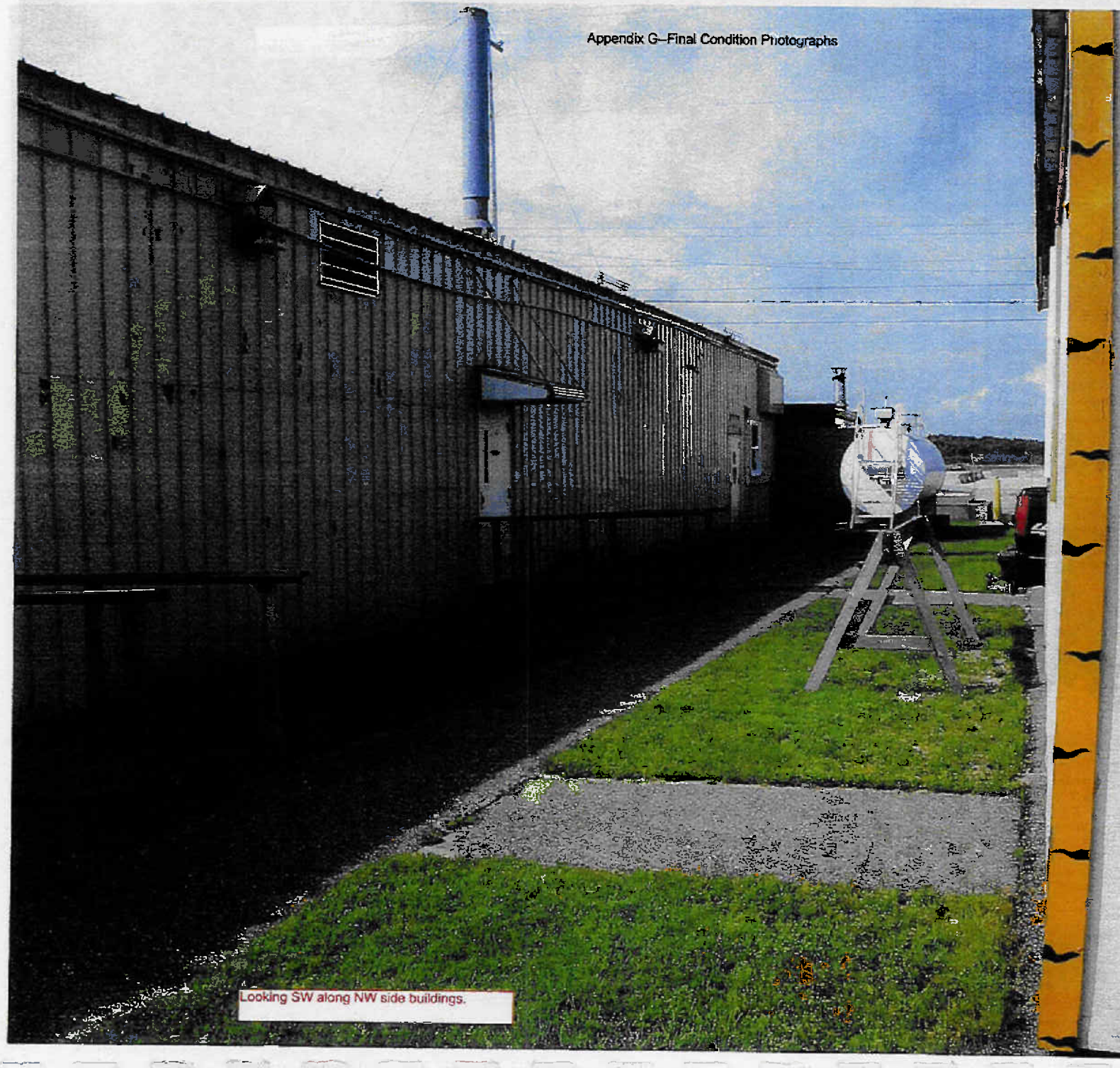


Southwest corner of lot.

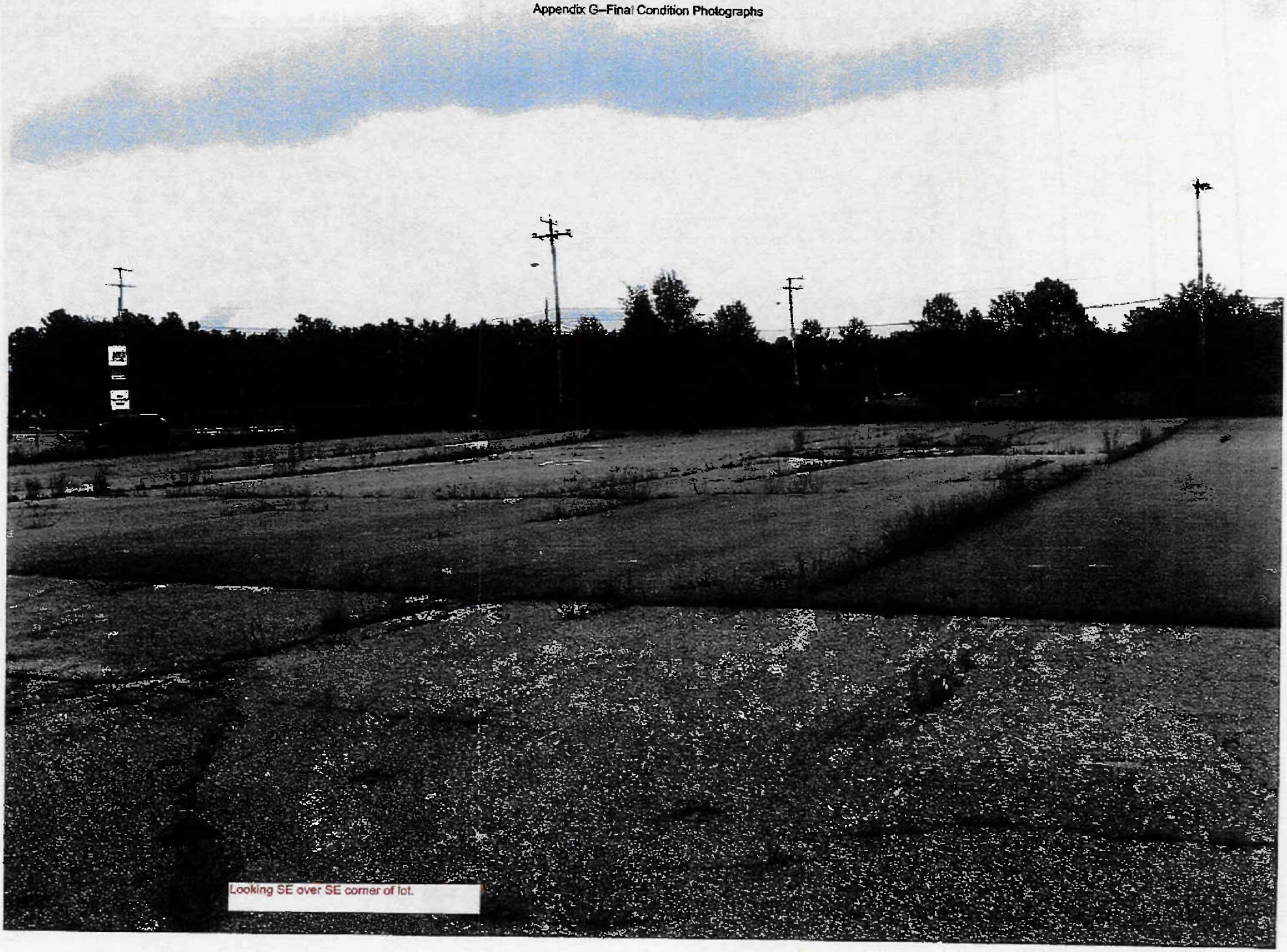
Aug. 12-31, 20



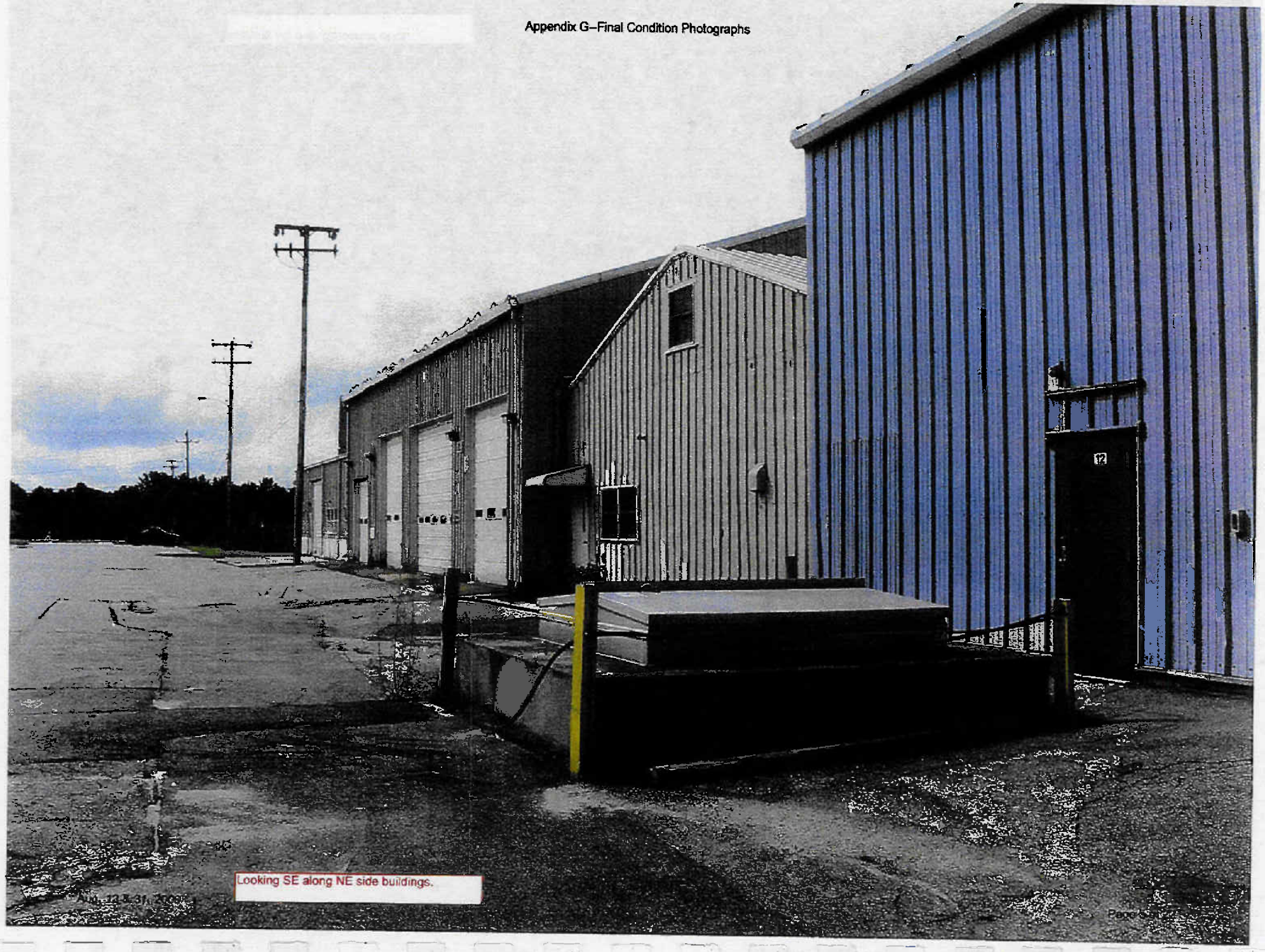
NE end 252 service bay.



Looking SW along NW side buildings.

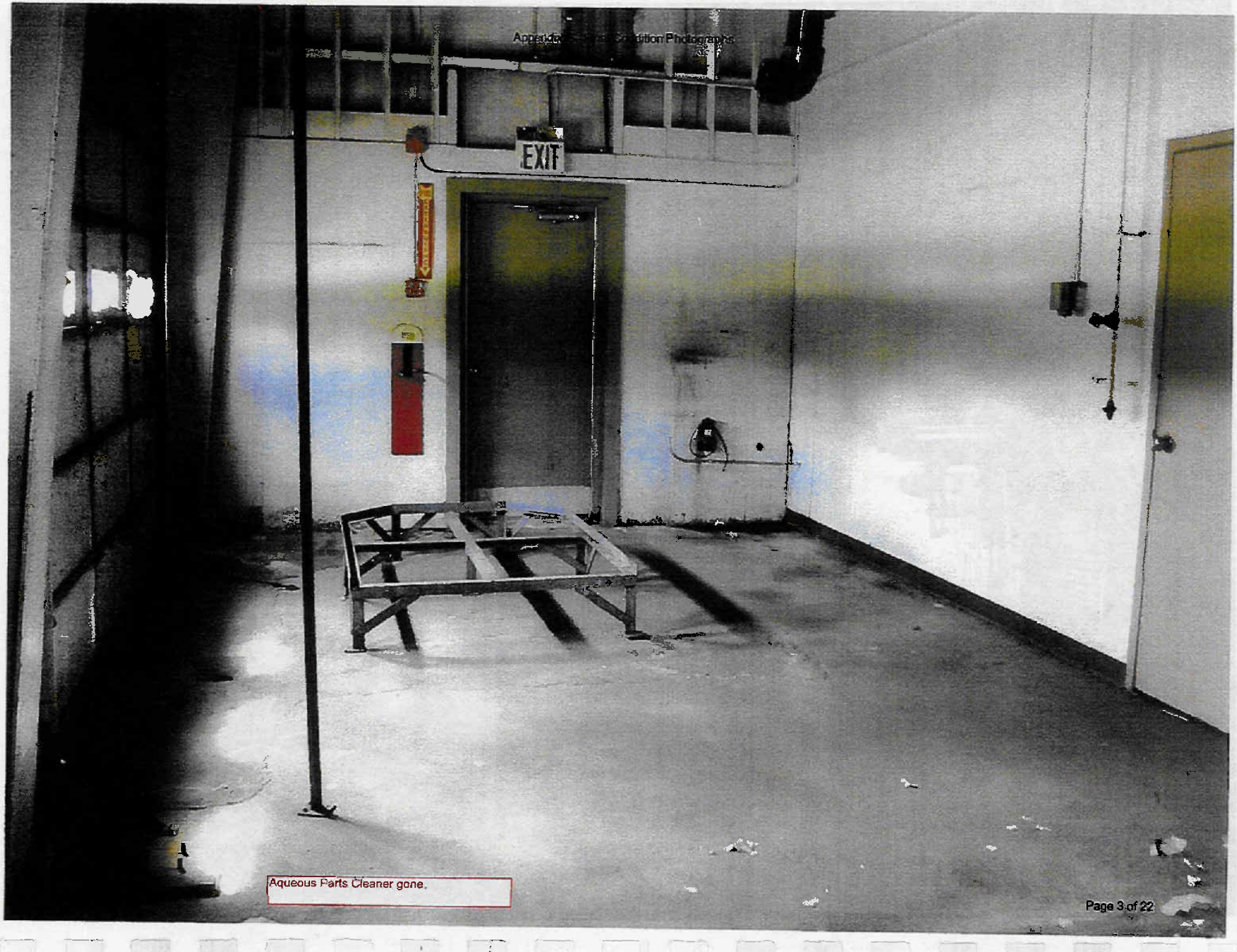


Looking SE over SE corner of lot.

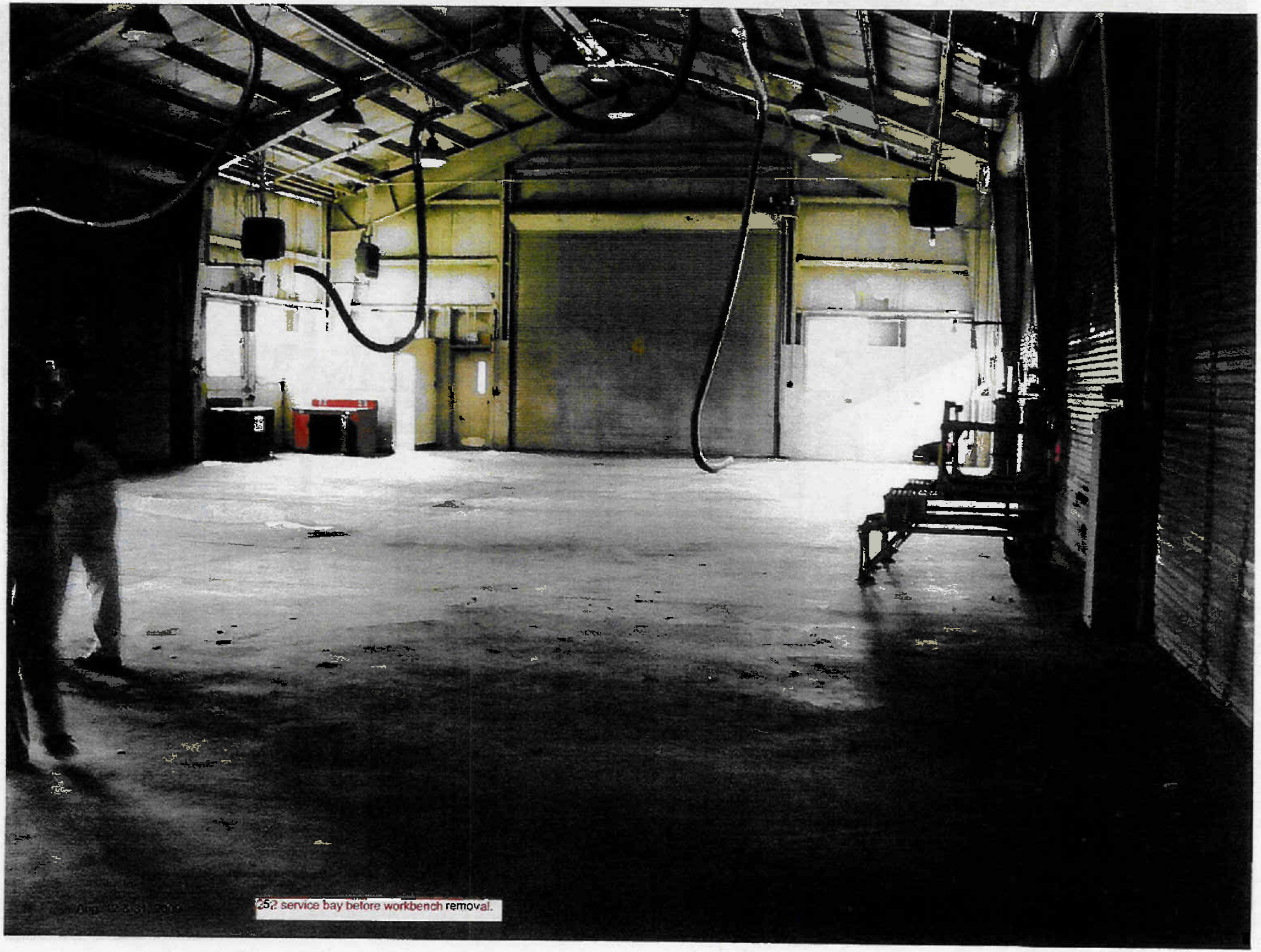


Looking SE along NE side buildings.

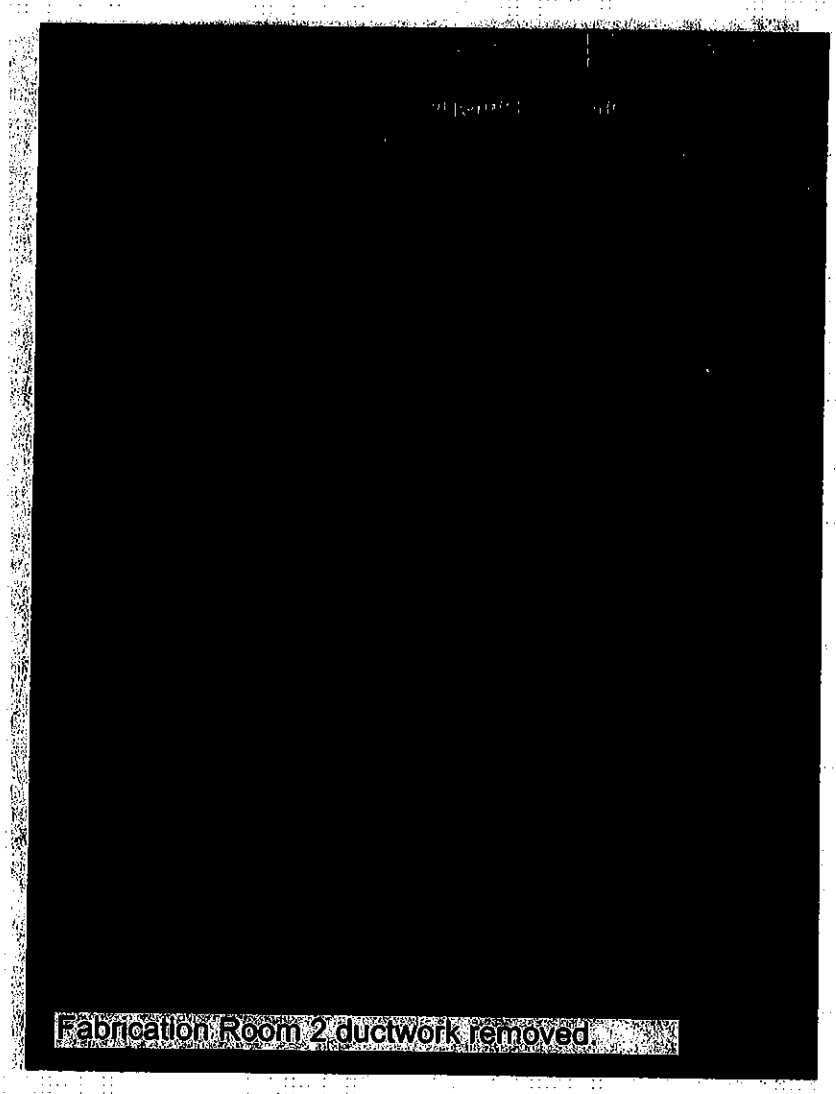
Looking NE over SE corner of lot.



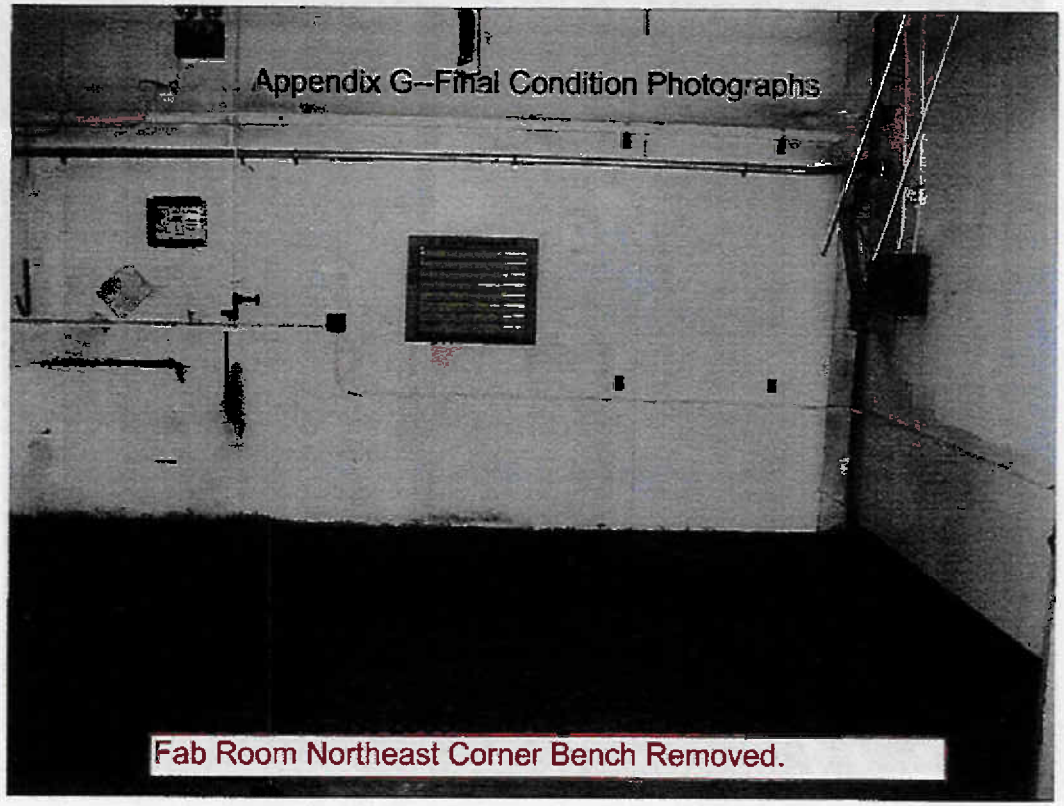
Aqueous Parts Cleaner gone.



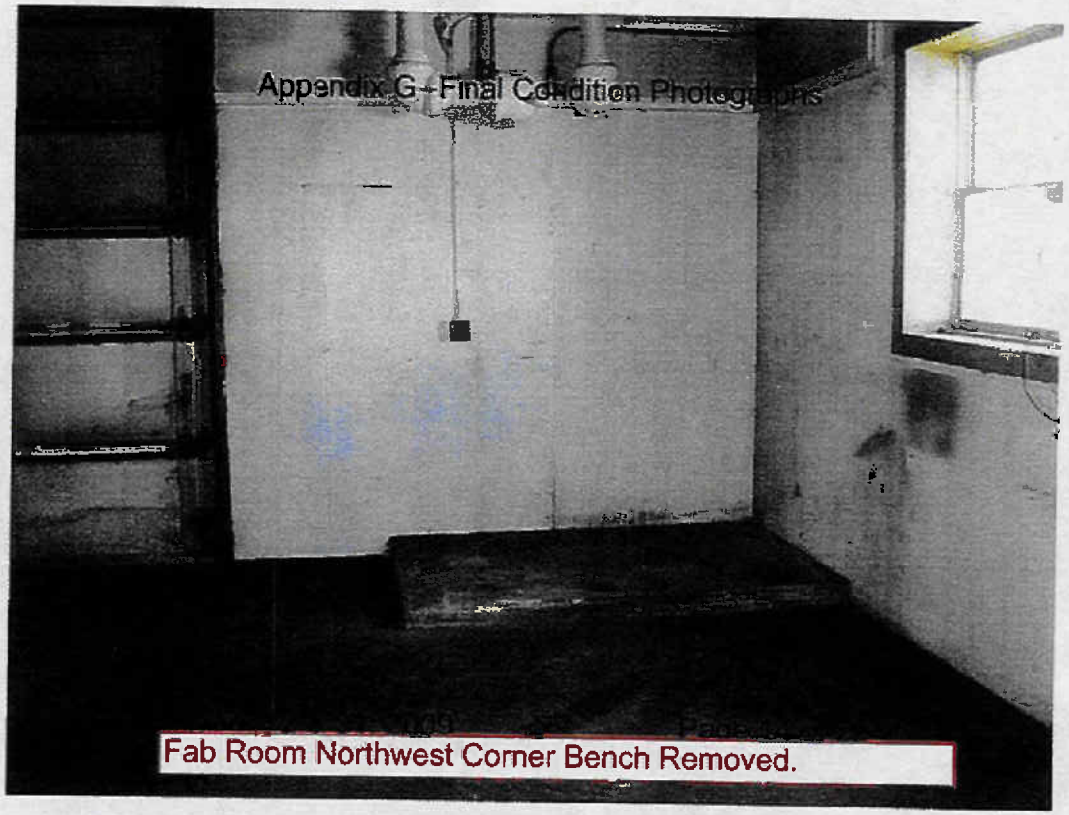
52 service bay before workbench removal.



Fabrication Room 2 ductwork removed



Fab Room Northeast Corner Bench Removed.



Fab Room Northwest Corner Bench Removed.

Aug. 12 & 31, 2009

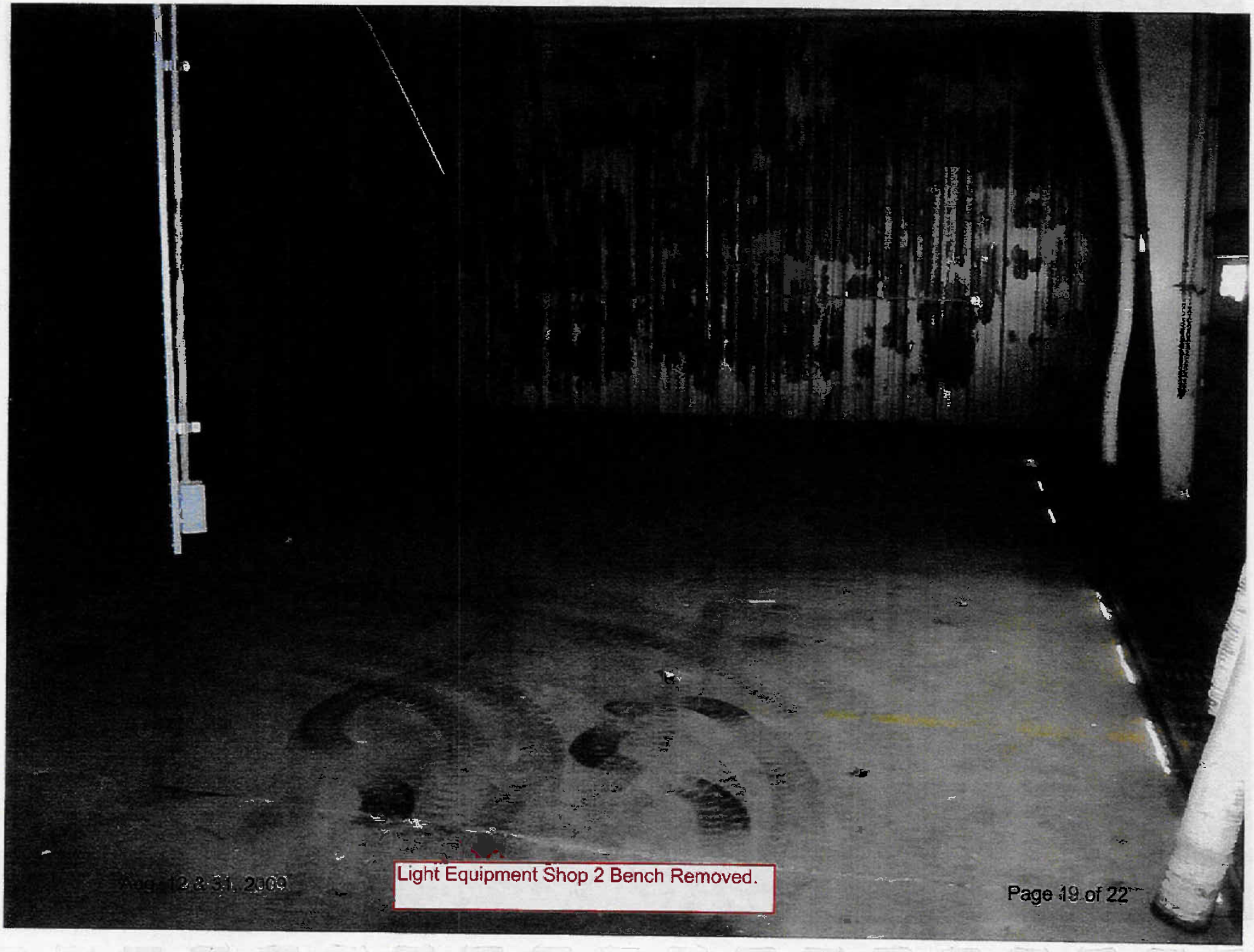
Fab Room South Wall 2 Drill Press.

Fab Room South Wall Drill Press.
Aug. 12 & 31, 2009

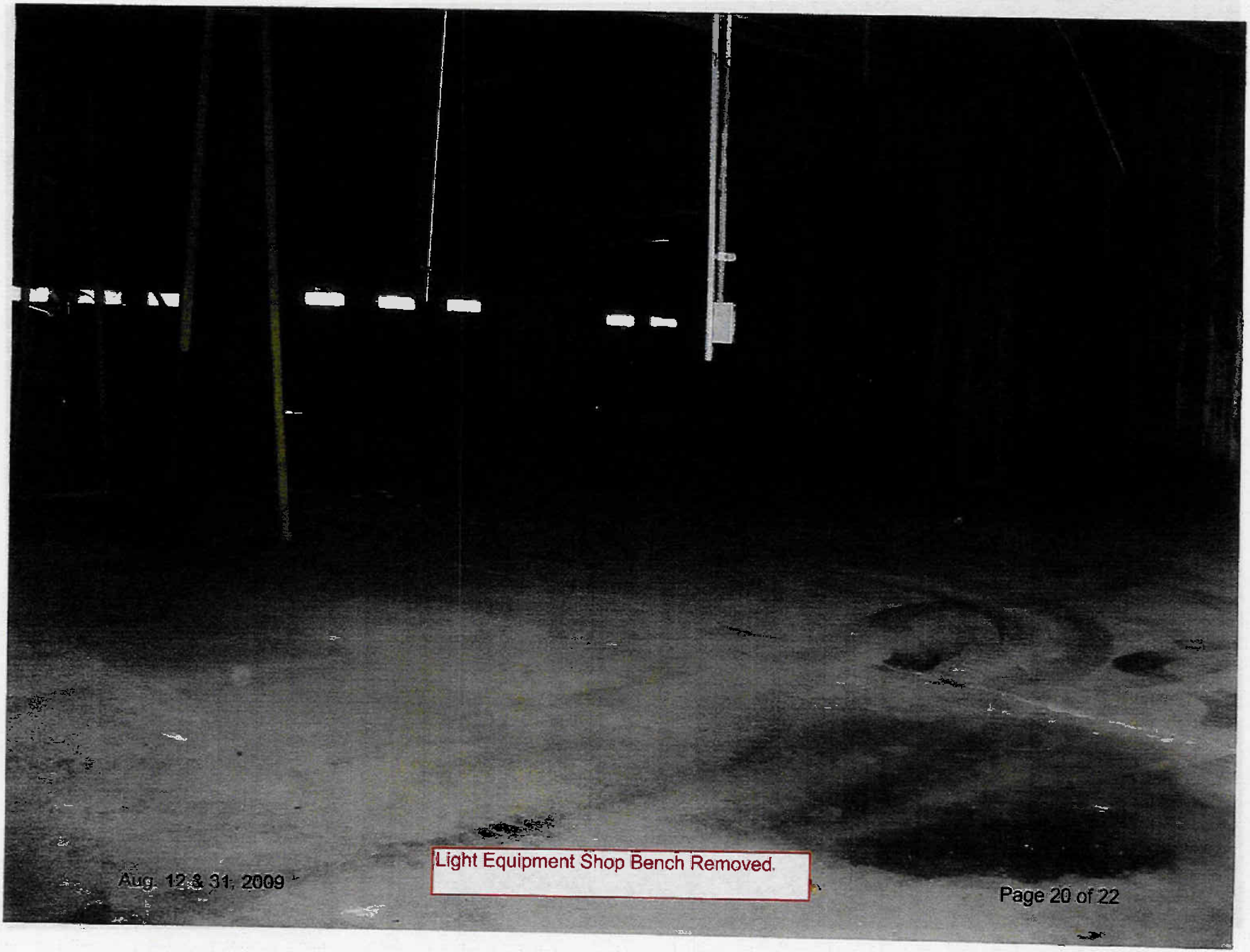
Heavy Equipment Shop 2 Bench Removed.

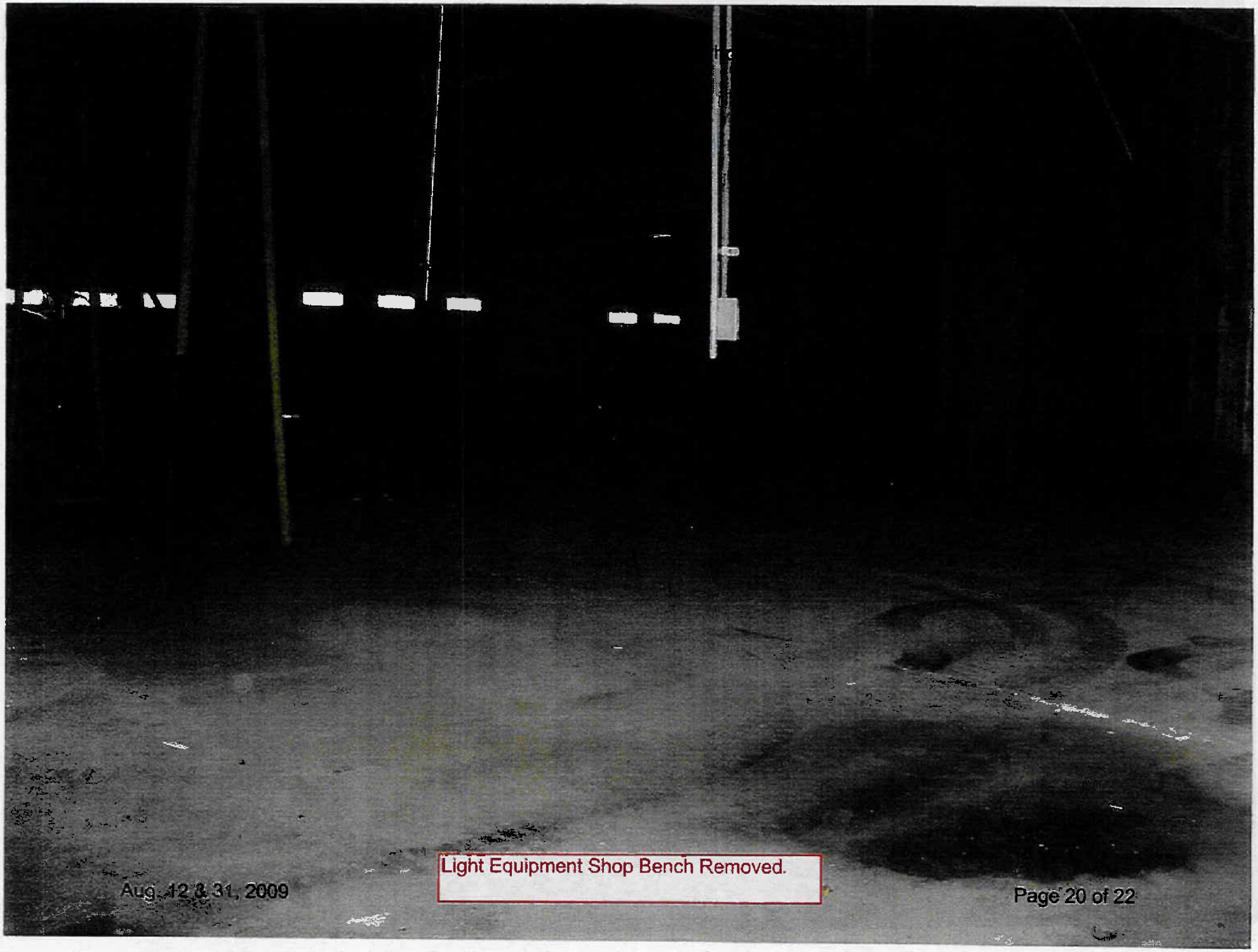
Aug. 12 & 31, 2009

Heavy Equipment Shop Bench Removed.



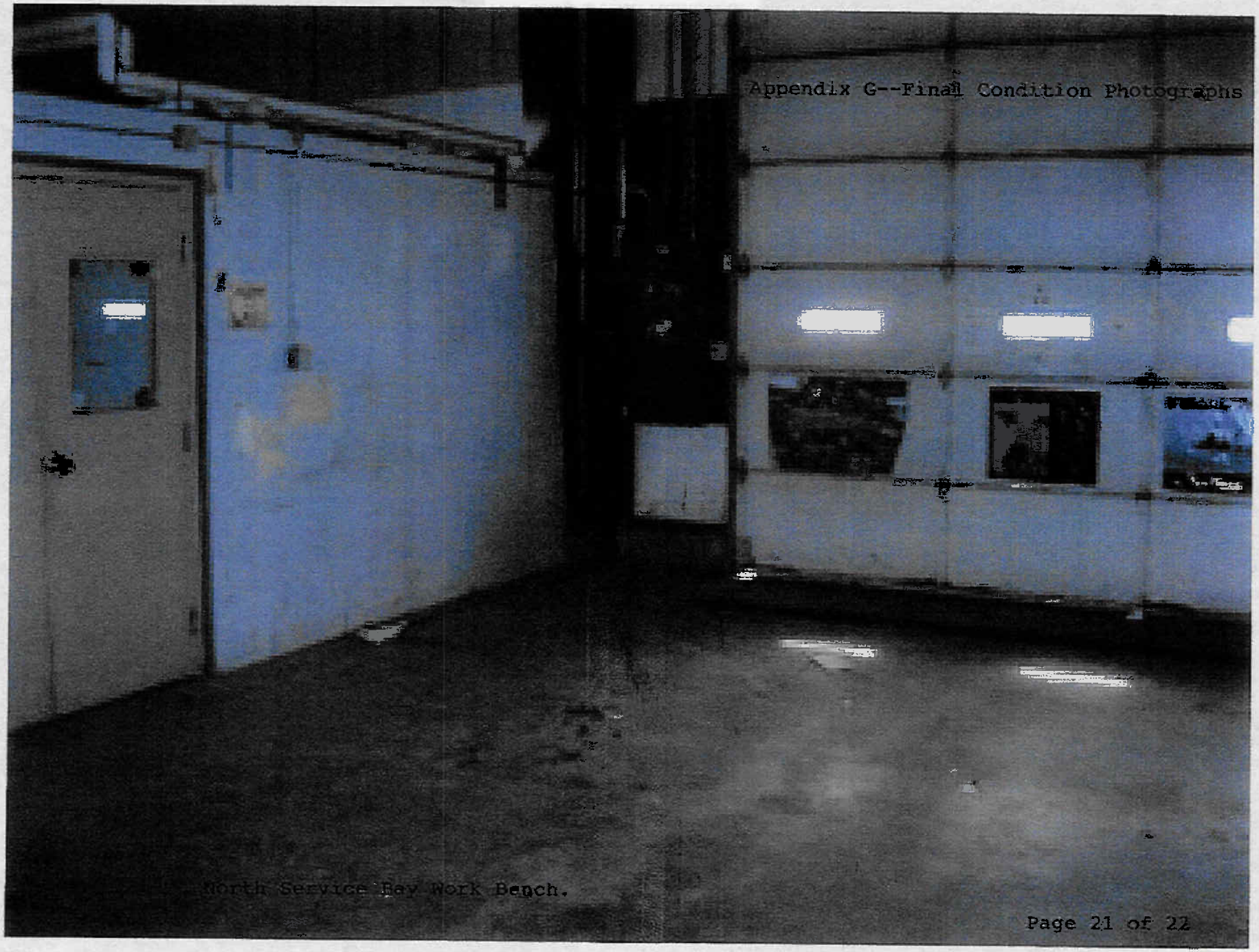
Light Equipment Shop 2 Bench Removed.


Aug. 12 & 31, 2009
Light Equipment Shop Bench Removed.

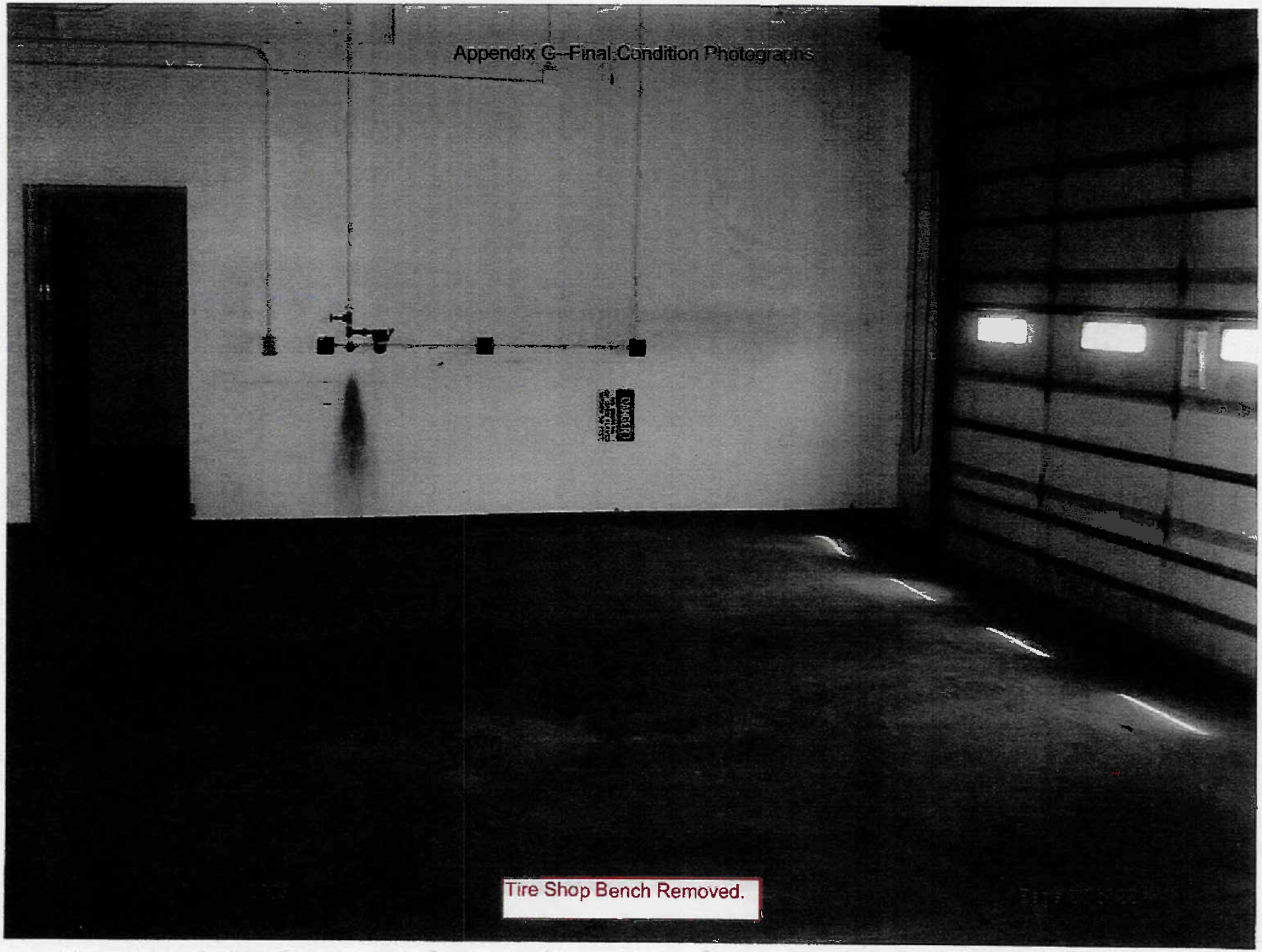


Light Equipment Shop Bench Removed.

Aug. 12 & 31, 2009



North Service Bay Work Bench.



Tire Shop Bench Removed.

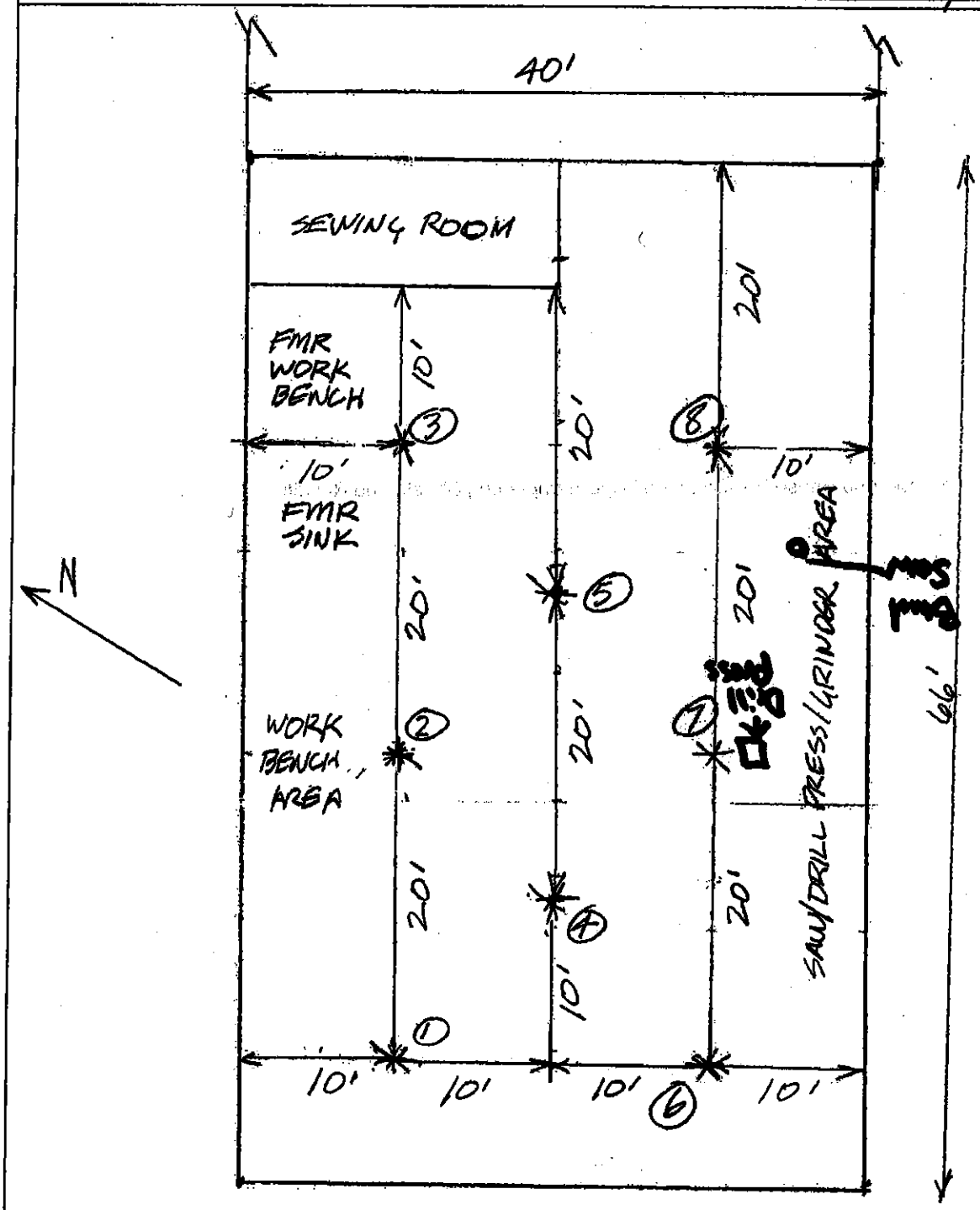
H – Second Phase Cleaning Wipe Sample Log Sheets and Results

H1 – Second Phase Pre-Cleaning Wipe Sample Log Sheets and Results

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

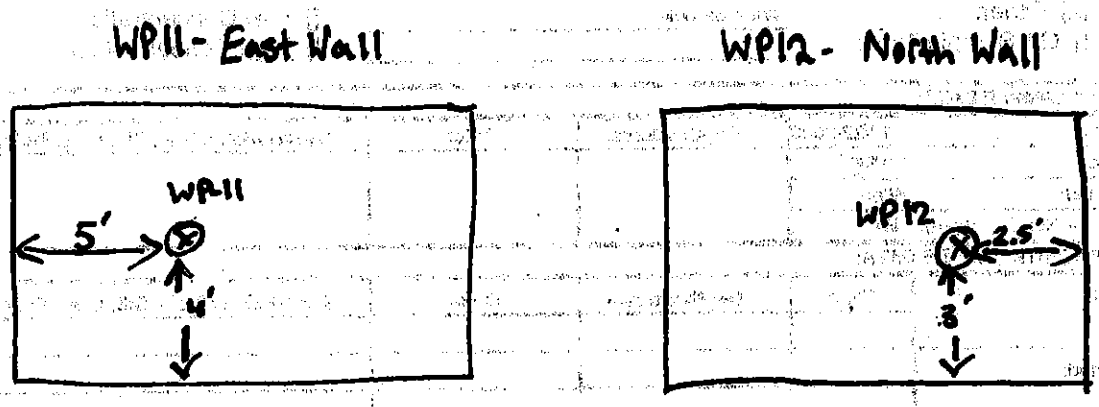
CLIENT: NAS BRUNSWICK	JOB NUMBER: 112G02258 CTO WE22
SUBJECT: BUILDING 225 FABRICATION ROOM FLOOR WIPE SAMPLE PLAN	
BASED ON:	DRAWING NUMBER:

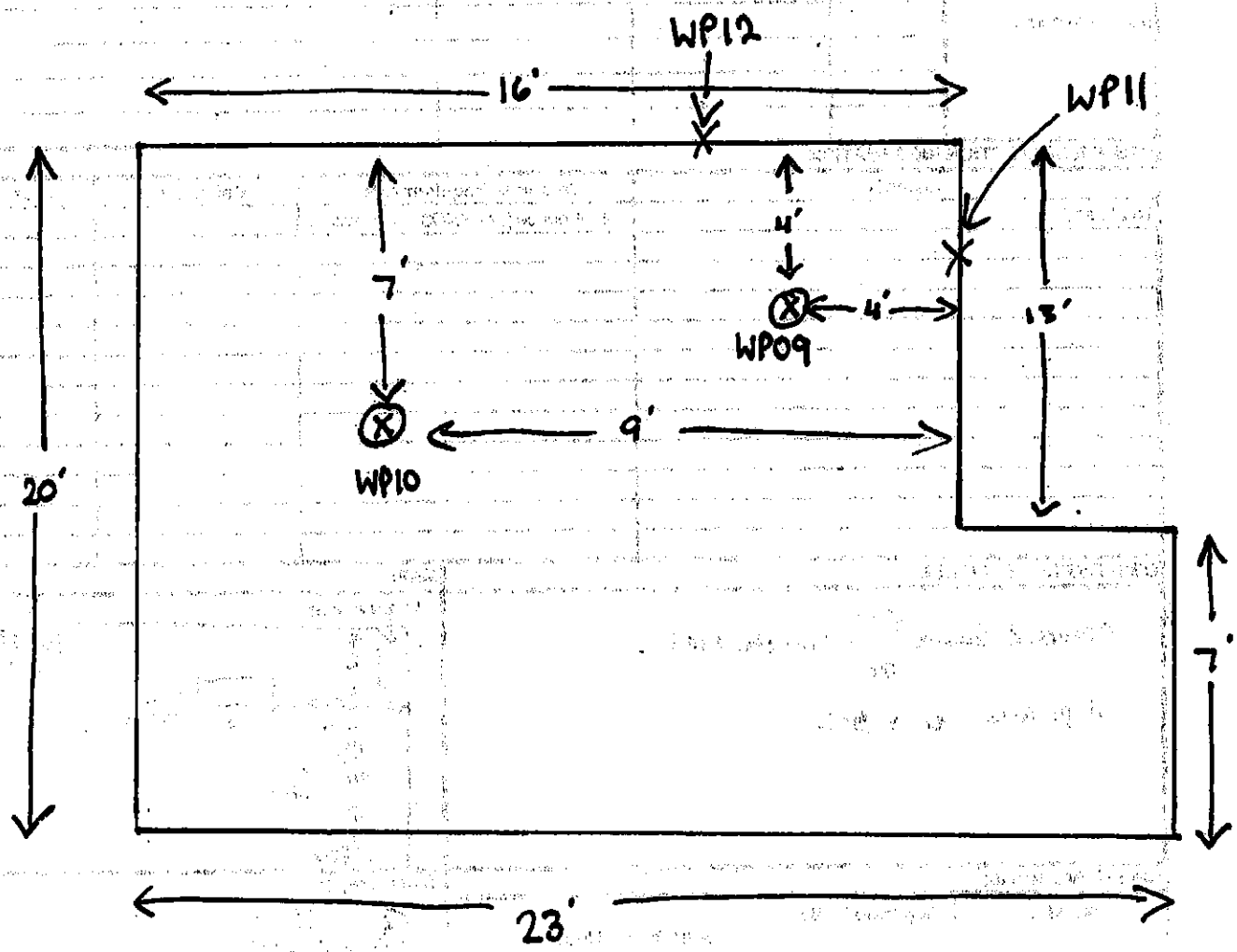
BY	CHECKED BY	APPROVED BY	DATE
JRF			12/14/2009



TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ___ OF ___

CLIENT Navy	JOB NUMBER
SUBJECT Building 225 - Machine Shop - Pre-cleaning Wipe Samples	
BASED ON	DRAWING NUMBER
BY	CHECKED BY / APPROVED BY / DATE 12/22/09





Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP01
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2008			
Time:	1055			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

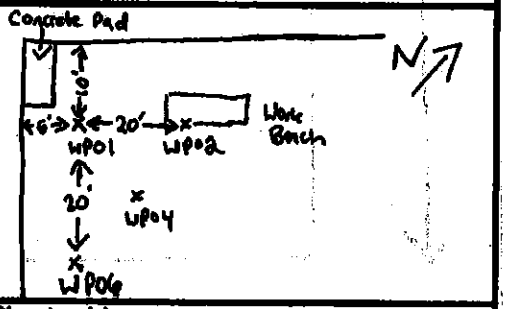
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From Concrete Floor
BG

Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.: NASB-B225-DUP01

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP02
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2005			
Time:	1100			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

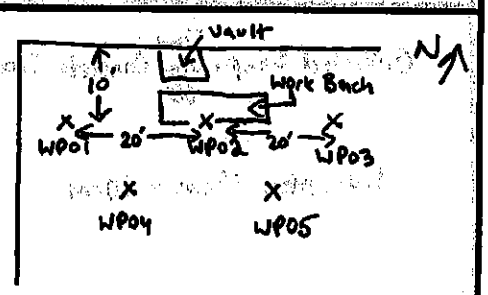
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample ~~on~~ From Concrete Floor, just below work bench
Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP03
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1105			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

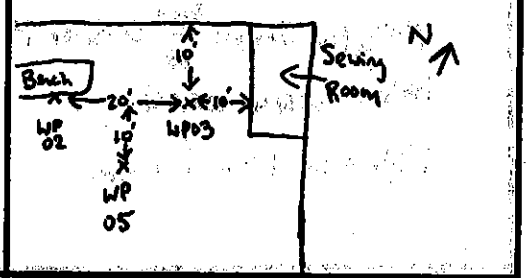
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From Concrete Floor

Wipe Area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP04
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1110 ~~1100~~ BG			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

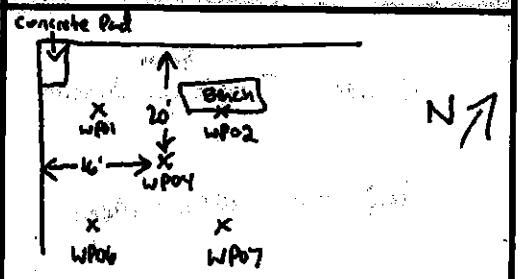
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample ~~for~~ From 36 Concrete Floor, Some tire tread pattern Staining adjacent to Sampling location.

Wipe Area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP05
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1115			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

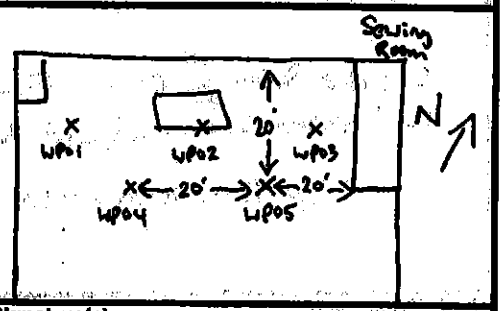
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample ~~on~~ From 36 Concrete Floor

Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP06
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1120			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

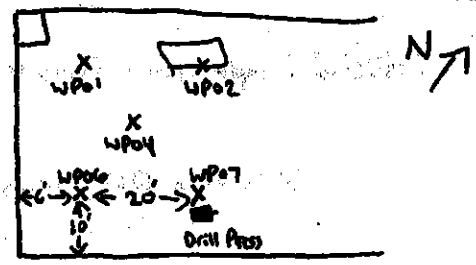
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From ~~on~~ BG Concrete Floor -

Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP07
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1125			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

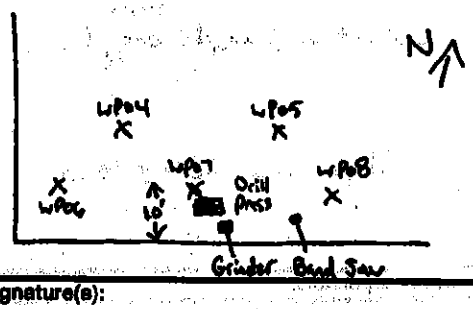
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From Concrete Floor.

Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP08
Sample Location: Building 225-Fab Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1130			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

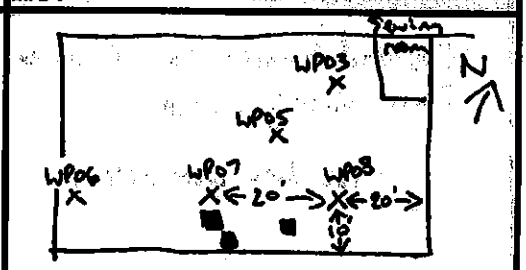
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From Concrete Floor.

Wipe area 10 cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP09
Sample Location: Building 225-Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1230			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

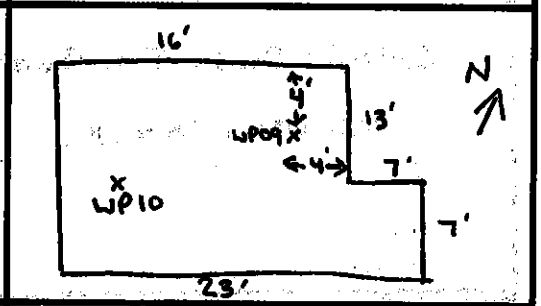
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From Concrete Floor - Some Staining visible

Wipe Area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.: NASB-B225-DUP02

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP10
Sample Location: Building 225-Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1240			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

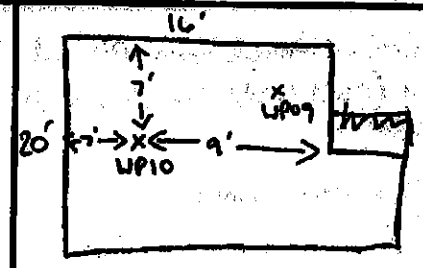
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From Concrete Floor - Some Staining visible

Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP11
Sample Location: Building 225-Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1245			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

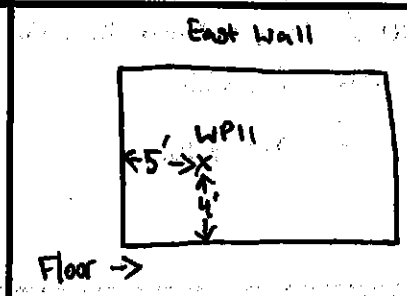
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample from Painted Sheetrock Wall (east wall), Some brown Staining/Splatter visible

Wipe area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP12
Sample Location: Building 225-Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	12/22/2009			
Time:	1250			
Method:	Wipe			
Monitor Reading (ppm):	N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

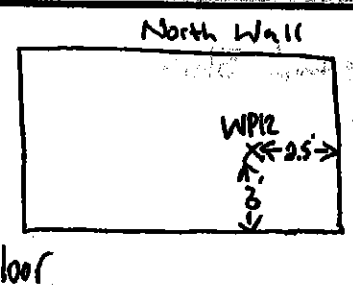
Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Collected Sample From painted Sheetrock Wall (North Wall), Some brownish Staining visible.

Wipe Area 10cm x 10cm

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.CP.FI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[x] Other: Wipe Sample
[x] QA Sample Type: Method Blank

Sample ID No.: NASB-B225-MB
Sample Location: Building 225
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 12/22/2009			
Time: —			
Method: Wipe			
Monitor Reading (ppm): N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Total Lead	2 - 4 ounce jars-HNO3 Preservation	Yes	

OBSERVATIONS / NOTES:

Method Blank

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. James Forrelli
Tetra Tech NUS,Inc.
55 Jonspin Road
Wilmington MA 01887

Report Number: 65633

Revision: Rev. 0

Re: NASB- RCRA Building Closures **112G02258**

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 December 2009 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
65633-1	12/22/09	NASB-B225-WP01	Metals	
65633-2	12/22/09	NASB-B225-WP02	Metals	
65633-3	12/22/09	NASB-B225-WP03	Metals	
65633-4	12/22/09	NASB-B225-WP04	Metals	
65633-5	12/22/09	NASB-B225-WP05	Metals	
65633-6	12/22/09	NASB-B225-WP06	Metals	
65633-7	12/22/09	NASB-B225-WP07	Metals	
65633-8	12/22/09	NASB-B225-WP08	Metals	
65633-9	12/22/09	NASB-B225-WP09	Metals	
65633-10	12/22/09	NASB-B225-WP10	Metals	
65633-11	12/22/09	NASB-B225-WP11	Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 12/31/2009

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analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. James Forrelli
Tetra Tech NUS,Inc.
55 Jonspin Road
Wilmington MA 01887

Report Number: 65633

Revision: Rev. 0

Re: NASB- RCRA Building Closures **112G02258**

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 December 2009 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
65633-12	12/22/09	NASB-B225-WP12	Metals	
65633-13	12/22/09	NASB-B225-DUP01	Metals	
65633-14	12/22/09	NASB-B225-DUP02	Metals	
65633-15	12/22/09	NASB-B225-MB	Electronic Data Deliverable	
	12/22/09	NASB-B225-MB	Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 12/31/2009

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-53784-1

Job Description: 112G02258 - NASB-RCRA Build Closures

For:
Analytics Environmental Laboratory, LLC
195 Commerce Way
Suite E
Portsmouth, NH 03801

Attention: Mr. Stephen Knollmeyer

Approved for release.
Abbie G Yant
Project Manager I
12/31/2009 12:18 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
12/31/2009

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; AZ: AZ0741; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
680-53784-1	65633-1/NASB-B225-WP01				
Lead		0.0029	0.00040	mg/wipe	6020
680-53784-2	65633-2/NASB-B225-WP02				
Lead		0.0078	0.00040	mg/wipe	6020
680-53784-3	65633-3/NASB-B225-WP03				
Lead		0.014	0.00040	mg/wipe	6020
680-53784-4	65633-4/NASB-B225-WP04				
Lead		0.0074	0.00040	mg/wipe	6020
680-53784-5	65633-5/NASB-B225-WP05				
Lead		0.012	0.00040	mg/wipe	6020
680-53784-6	65633-6/NASB-B225-WP06				
Lead		0.011	0.00040	mg/wipe	6020
680-53784-7	65633-7/NASB-B225-WP07				
Lead		0.015	0.00040	mg/wipe	6020
680-53784-8	65633-8/NASB-B225-WP08				
Lead		0.0053	0.00040	mg/wipe	6020
680-53784-9	65633-9/NASB-B225-WP09				
Lead		0.022	0.00040	mg/wipe	6020
680-53784-10	65633-10/NASB-B225-WP10				
Lead		0.026	0.00040	mg/wipe	6020
680-53784-13FD	65633-13/NASB-B225-DUP01				
Lead		0.0030	0.00040	mg/wipe	6020

EXECUTIVE SUMMARY - Detections

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
680-53784-14FD	65633-14/NASB-B225-DUP02				
Lead		0.024	0.00040	mg/wipe	6020

METHOD SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Description	Lab Location	Method	Preparation Method
Matrix Wipe			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Metals	TAL SAV		SW846 3050B

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Method	Analyst	Analyst ID
SW846 6020	Boyuk, Brian	BB

SAMPLE SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-53784-1	65633-1/NASB-B225-WP01	Wipe	12/22/2009 1055	12/23/2009 1020
680-53784-2	65633-2/NASB-B225-WP02	Wipe	12/22/2009 1100	12/23/2009 1020
680-53784-3	65633-3/NASB-B225-WP03	Wipe	12/22/2009 1105	12/23/2009 1020
680-53784-4	65633-4/NASB-B225-WP04	Wipe	12/22/2009 1110	12/23/2009 1020
680-53784-5	65633-5/NASB-B225-WP05	Wipe	12/22/2009 1115	12/23/2009 1020
680-53784-6	65633-6/NASB-B225-WP06	Wipe	12/22/2009 1120	12/23/2009 1020
680-53784-7	65633-7/NASB-B225-WP07	Wipe	12/22/2009 1125	12/23/2009 1020
680-53784-8	65633-8/NASB-B225-WP08	Wipe	12/22/2009 1130	12/23/2009 1020
680-53784-9	65633-9/NASB-B225-WP09	Wipe	12/22/2009 1230	12/23/2009 1020
680-53784-10	65633-10/NASB-B225-WP10	Wipe	12/22/2009 1240	12/23/2009 1020
680-53784-11	65633-11/NASB-B225-WP11	Wipe	12/22/2009 1245	12/23/2009 1020
680-53784-12	65633-12/NASB-B225-WP12	Wipe	12/22/2009 1250	12/23/2009 1020
680-53784-13FD	65633-13/NASB-B225-DUP01	Wipe	12/22/2009 0000	12/23/2009 1020
680-53784-14FD	65633-14/NASB-B225-DUP02	Wipe	12/22/2009 0000	12/23/2009 1020
680-53784-15	65633-15/NASB-B225-MB	Wipe	12/22/2009 0000	12/23/2009 1020

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-1/NASB-B225-WP01

Lab Sample ID: 680-53784-1

Client Matrix: Wipe

Date Sampled: 12/22/2009 1055

Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157486		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1642			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0029		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65833-2/NASB-B225-WP02

Lab Sample ID: 680-53784-2
Client Matrix: Wipe

Date Sampled: 12/22/2009 1100
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method: 6020
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 12/30/2009 1704
Date Prepared: 12/29/2009 1120

Analysis Batch: 680-157466
Prep Batch: 680-157286

Instrument ID: ICPMSB
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0078		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-3/NASB-B225-WP03

Lab Sample ID: 680-53784-3
Client Matrix: Wipe

Date Sampled: 12/22/2009 1105
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method: 6020
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 12/30/2009 1711
Date Prepared: 12/29/2009 1120

Analysis Batch: 680-157466
Prep Batch: 680-157286

Instrument ID: ICPMSB
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.014		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-4/NASB-B225-WP04

Lab Sample ID: 680-53784-4

Client Matrix: Wipe

Date Sampled: 12/22/2009 1110

Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method: 6020

Preparation: 3050B

Dilution: 1.0

Date Analyzed: 12/30/2009 1718

Date Prepared: 12/29/2009 1120

Analysis Batch: 680-157466

Prep Batch: 680-157286

Instrument ID: ICPMSB

Lab File ID: N/A

Initial Weight/Volume: 1 Wipe

Final Weight/Volume: 1000 mL

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0074		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-5/NASB-B225-WP05

Lab Sample ID: 680-53784-5
Client Matrix: Wipe

Date Sampled: 12/22/2009 1115
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1725			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.012		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-6/NASB-B225-WP06

Lab Sample ID: 680-53784-6
Client Matrix: Wipe

Date Sampled: 12/22/2009 1120
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157288		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1747			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.011		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-7/NASB-B225-WP07

Lab Sample ID: 680-53784-7
Client Matrix: Wipe

Date Sampled: 12/22/2009 1125
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1754			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.015		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-8/NASB-B225-WP08

Lab Sample ID: 680-53784-8
Client Matrix: Wipe

Date Sampled: 12/22/2009 1130
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1801			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0053		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-9/NASB-B225-WP09

Lab Sample ID: 680-53784-9
Client Matrix: Wipe

Date Sampled: 12/22/2009 1230
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1808			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.022		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-10/NASB-B225-WP10

Lab Sample ID: 680-53784-10
Client Matrix: Wipe

Date Sampled: 12/22/2009 1240
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1816			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.026		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-11/NASB-B225-WP11

Lab Sample ID: 680-53784-11
Client Matrix: Wipe

Date Sampled: 12/22/2009 1245
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1823			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-12/NASB-B225-WP12

Lab Sample ID: 680-53784-12
Client Matrix: Wipe

Date Sampled: 12/22/2009 1250
Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1830			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-13/NASB-B225-DUP01

Lab Sample ID: 680-53784-13FD

Client Matrix: Wipe

Date Sampled: 12/22/2009 0000

Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1837			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0030		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-14/NASB-B225-DUP02

Lab Sample ID: 680-53784-14FD

Client Matrix: Wipe

Date Sampled: 12/22/2009 0000

Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1844			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.024		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Client Sample ID: 65633-15/NASB-B225-MB

Lab Sample ID: 680-53784-15

Client Matrix: Wipe

Date Sampled: 12/22/2009 0000

Date Received: 12/23/2009 1020

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-157466		Instrument ID:	ICPMSB
Preparation:	3050B	Prep Batch: 680-157286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	12/30/2009 1852			Final Weight/Volume:	1000 mL
Date Prepared:	12/29/2009 1120				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

DATA REPORTING QUALIFIERS

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-53784-1

Method Blank - Batch: 680-157286

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 680-157286/16-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 12/30/2009 1621
Date Prepared: 12/29/2009 1120

Analysis Batch: 680-157466
Prep Batch: 680-157286
Units: mg/wipe

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-157286

Method: 6020
Preparation: 3050B

LCS Lab Sample ID: LCS 680-157286/17-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 12/30/2009 1628
Date Prepared: 12/29/2009 1120

Analysis Batch: 680-157466
Prep Batch: 680-157286
Units: mg/wipe

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD 680-157286/18-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 12/30/2009 1635
Date Prepared: 12/29/2009 1120

Analysis Batch: 680-157466
Prep Batch: 680-157286
Units: mg/wipe

Instrument ID: ICP MS - B
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	105	107	75 - 125	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chain Of Custody Form

TA-GA

Analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 112G02258 Proj. Name: NASB-RCRA Building Closures
Company: ANALYTICS Environmental Laboratory LLC
Contact: Ms. Melissa Gulli
Address: 195 COMMERCE WAY
PORTSMOUTH, NH 03801
Phone: 603-436-5111 PO#65633 Quote #
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

For Analytics Use Only Rev. 4 03/28/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 10.8
3) Received in good condition Y or N
4) pH checked by:
5) Labels checked by:

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
NASB-B225-WP01	12/22/09	1055	Total Lead		X	X					WIPE	2	G		65633 -1
NASB-B225-WP02	12/22/09	1100	Total Lead		X	X					WIPE	2	G		-2
NASB-B225-WP03	12/22/09	1105	Total Lead		X	X					WIPE	2	G		-3
NASB-B225-WP04	12/22/09	1110	Total Lead		X	X					WIPE	2	G		-4
NASB-B225-WP05	12/22/09	1115	Total Lead		X	X					WIPE	2	G		-5
NASB-B225-WP06	12/22/09	1120	Total Lead		X	X					WIPE	2	G		-6
NASB-B225-WP07	12/22/09	1125	Total Lead		X	X					WIPE	2	G		-7
NASB-B225-WP08	12/22/09	1130	Total Lead		X	X					WIPE	2	G		-8
NASB-B225-WP09	12/22/09	1230	Total Lead		X	X					WIPE	2	G		-9
NASB-B225-WP10	12/22/09	1240	Total Lead		X	X					WIPE	2	G		-10
NASB-B225-WP11	12/22/09	1245	Total Lead		X	X					WIPE	2	G		-11

Received By: Beth Daughtry Time: 1020 Date: 12/23/09
Received By: UPS Time: 4:00pm Date: 12/23/09
Received By: Time: Date:

Email Results to:
mgulli@analyticslab.com
slnollmeyer@analyticslab.com

Turnaround Time (TAT)
12/31/2009
[ ] 24hr* [ ] 48hr*
[ ] 72hr* [X] 7-Days*
[ ] 10 Days 1/6/10
*Fee may apply; lab approval required

Comments / Instructions:

Please reference Station ID number and AEL Lab number on report(s).

Method Type: RCRA NPDES DW
Metals (Aqueous) Total or Dissolved Field Filtered

Project Requirements:
*Fee may apply 1-800-5378

Report Type:
[ ] MCP* [ ] Level II*
[ ] CTRCP* [ ] Level III*
[x] DOD* [x] Level IV*
[ ] Standard

State:
[ ] NH
[x] MA
[ ] ME
[ ] CT
[ ] RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type:

Relinquished By Sampler: UPS
Relinquished By:
Relinquished By:

Page 2 of 2

Analytics\AEL Documents\AEL COC

Page ___ of ___

Chain Of Custody Form

Analytics environmental laboratory LLC
195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 4 03/28/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 10.8
3) Received in good condition Y or N
4) pH checked by:
5) Labels checked by:

Project#: 112G02258 Proj. Name: NASB-RCRA Building Closures
Company: ANALYTICS Environmental Laboratory LLC
Contact: Ms. Melissa Gulli
Address: 195 COMMERCE WAY
PORTSMOUTH, NH 03801
Phone: 603-436-5111 PO#65633 Quote #
Sampler (Signature):

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4° C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
NASB-B225-WP12	12/22/09	1250	Total Lead		X	X					WIPE	2	G		65633 -12
NASB-B225-DUP01	12/22/09	—	Total Lead		X	X					WIPE	2	G		-13
NASB-B225-DUP02	12/22/09	—	Total Lead		X	X					WIPE	2	G		-14
NASB-B225-MB	12/22/09	—	Total Lead		X	X					WIPE	2	G		-15
															1080-53784

Received By: Dawn Q Daughty Time: 1030 Date: 12/23/09
Received By: JPS Time: 4:00 pm Date: 12/23/09
Received By: Time: Date:

Email Results to:
mgulli@analyticslab.com
sknollmeyer@analyticslab.com

Turnaround Time (TAT)
12/31/2009
[ ] 24hr* [ ] 48hr*
[ ] 72hr* [X] 7 Days*
[ ] 10 Days 1/6/10
*Fee may apply; lab approval required

Comments / Instructions:

Please reference Station ID number and AEL Lab number on report(s).

Method Type: RCRA NPDES DW
Metals (Aqueous) Total or Dissolved Field Filtered

Project Requirements:
*Fee may apply

Report Type:
[ ] MCP* [ ] Level II*
[ ] CTRCP* [ ] Level III*
[x] DOD* [x] Level IV*
[ ] Standard

State:
[ ] NH
[x] MA
[ ] ME
[ ] CT
[ ] RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y* N
Type:

Relinquished By Sampler:
Relinquished By: JPS
Relinquished By:

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 112602258 Proj. Name: NASB- RCRA Building Closures
Company: Tetra Tech NUS
Contact: Jim Forelli
Address: 55 Jonspin Rd
Willmington MA 01887
Phone: 978-474-8400 PO# Quote #:
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Preservation: Leptine, Ice, HNO_3, H_2SO_4, HCL, Sodium, Other

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Leptine	Ice	HNO_3	H_2SO_4	HCL	Sodium	Other	Matrix	Container number/type		pH	Analytics Sample #
NASB-B225-WP01	12/22/09	1055	Total Lead		X	X					Wipe	2	4oz		65633-1
" " -WP02		1100	" "		X	X						2			2
-WP03		1105			X	X						2			3
-WP04		1110			X	X						2			4
-WP05		1115			X	X						2			5
-WP06		1120			X	X						2			6
-WP07		1125			X	X						2			7
-WP08		1130			X	X						2			8
-WP09		1230			X	X						2			9
-WP10		1240			X	X						2			10
-WP11		1245			X	X						2			11

Email Results to: Jim.Forelli@tetratech.com

Comments / Instructions:

Turnaround Time (TAT): 1 DAY
☐ 24hr* ☐ 48hr* ☐ 72hr* ☐ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Project Requirements: *Fee may apply

Report Type: ☐ MCP* ☐ Level II* ☐ CTRCP* ☐ Level III* ☐ DOD* ☐ Level IV* ☐ Standard

State: ☐ NH ☐ MA ☐ ME ☐ CT ☐ RI Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N

Type:

For Analytics Use Only Rev. 5 06/18/08

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CP 12/22/09

Received By: [signature]	Received By:	Received By:
Time: 1515	Time:	Time:
Date: 12/22/09	Date:	Date:
Relinquished By: Sampler: [signature]	Relinquished By:	Relinquished By:

Analytics\AEL Documents\AEL COC

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

Project#: 112G0q258 Proj. Name: NASB-RCRA Bld. Closures
Company: Tetra Tech NUS
Contact: Jim Forrell
Address: 55 Jonspin Rd
Wilmington MA 01887
Phone: 978-474-8400 PO#: Quote #:
Sampler (Signature): [signature]

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
GW = Groundwater
DW = Drinking Water
S = Soil/Sludge
O = Oil
E = Extract

Preservation: Unpres. | 4°C | HNO_3 | H_2SO_4 | HCL | Methanol | Other

Container Key: P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres.	4°C	HNO_3	H_2SO_4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
NASB-B225-WP12	12/22/09	1250	Total PB		X	X					WP	2	9oz		65633-12
NASB-B225-DUP01	↓	—	↓		X	X					↓	2	↓		13
" - DUP02		—			X	X						2			14
✓ - MB		—			X	X						2			15

Comments / Instructions:

Email Results to: jim.forrell@tetratech.com

Turnaround Time (TAT): ☐ 24hr* ☐ 48hr* (10 Day) ☐ 72hr* ☐ 5 Days* ☐ 10 Days
*Fee may apply; lab approval required

Project Requirements: *Fee may apply

Report Type: ☐ MCP* ☐ Level II* ☐ CTRCP* ☐ Level III* ☐ DOD* ☐ Level IV* ☐ Standard

State: ☐ NH ☐ MA ☐ ME ☐ CT ☐ RI Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type:

For Analytics Use Only Rev. 5 06/18/08
Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 3°
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: CR 12/08/09

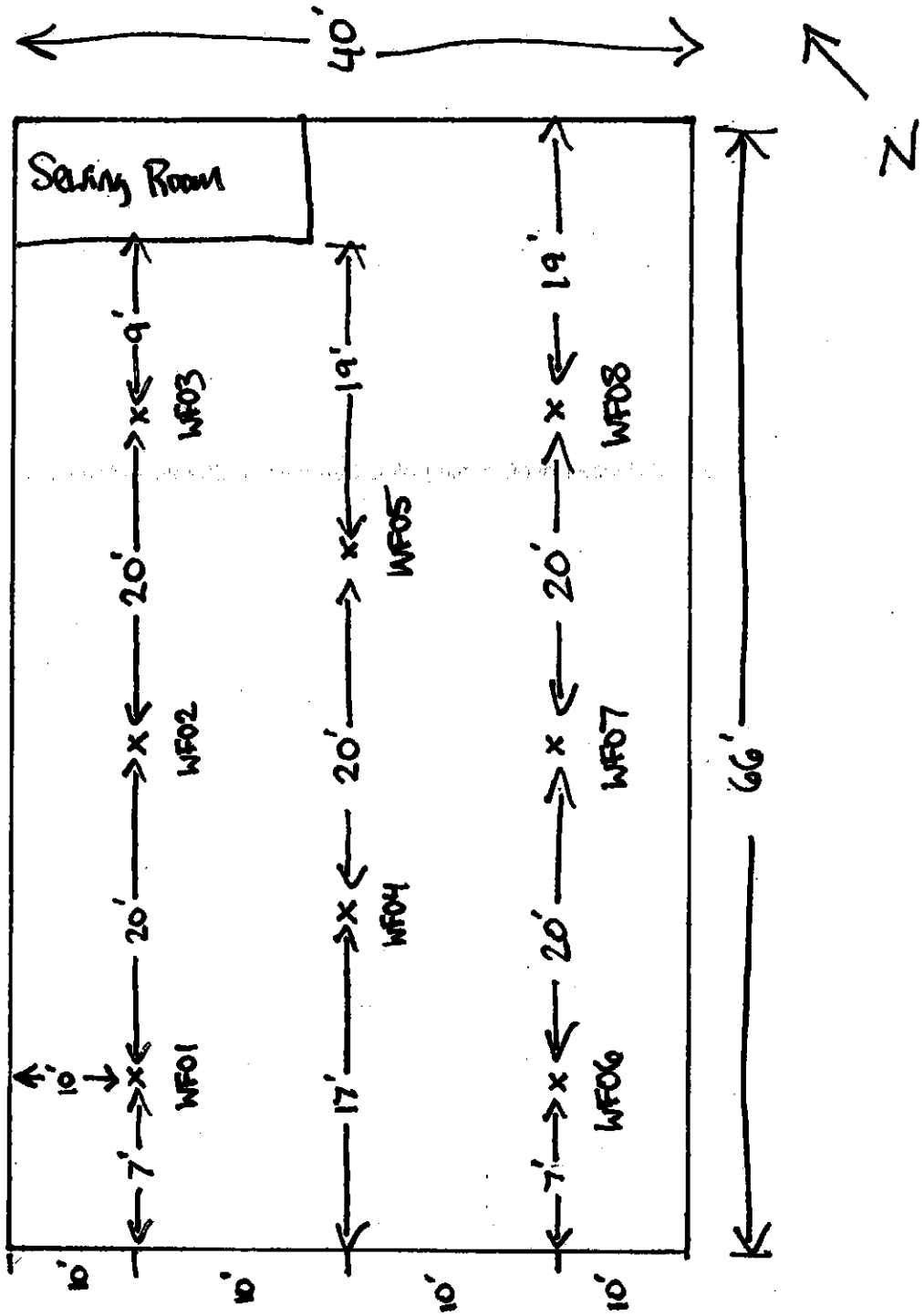
Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
[signature]	[signature]				
Time:	Time: 1515	Time:	Time:	Time:	Time:
Date: 12/22/09		Date:	Date:	Date:	Date:

Analytics\AEL Documents\AEL COC

H2 – Second Phase Post-Cleaning Wipe Sample Log Sheets and Results

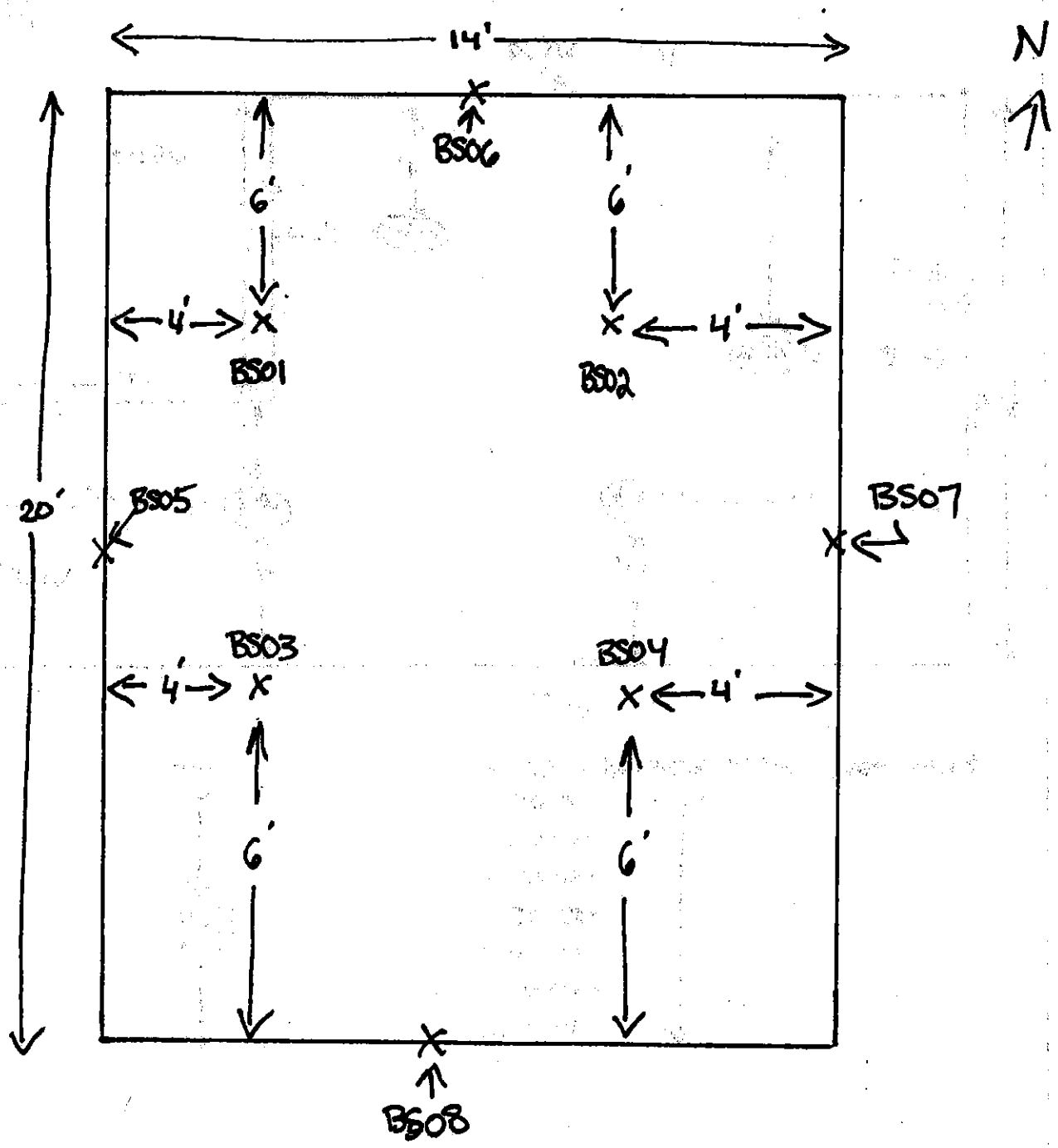
TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

CLIENT NAS BRUNSWICK		JOB NUMBER CTO WE22	
SUBJECT BUILDING 225 - FAB./WELDING ROOM - WIPE SAMPLE PLAN			
BASED ON		DRAWING NUMBER	
BY	CHECKED BY	APPROVED BY	DATE 01/07/10



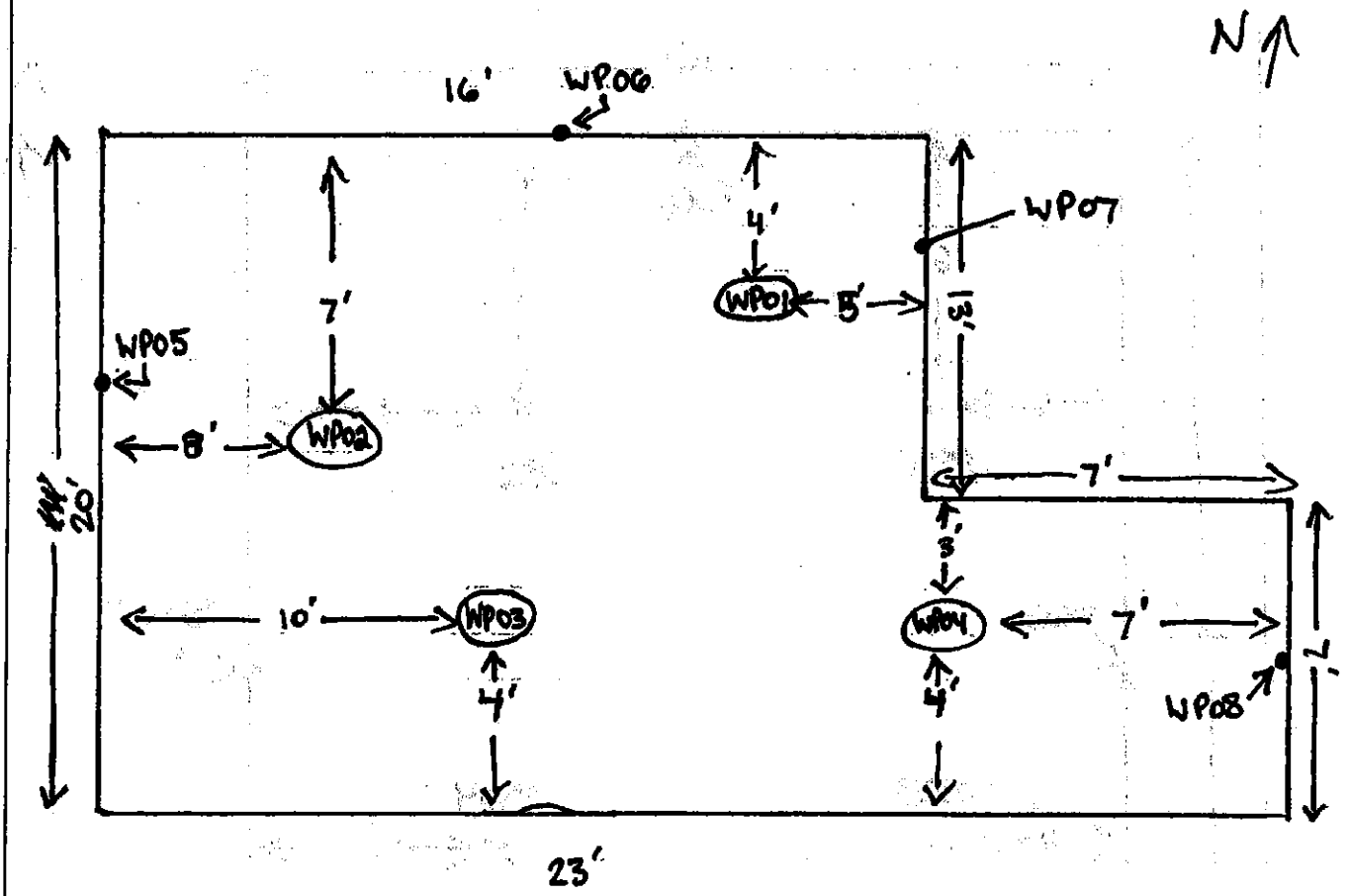
TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

CLIENT NAS BRUNSWICK		JOB NUMBER CTO WE22	
SUBJECT BUILDING 225 - BATTERY SHOP - WIPE SAMPLE PLAN			
BASED ON		DRAWING NUMBER	
BY BG	CHECKED BY	APPROVED BY	DATE 01/07/10



TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

CLIENT: NAS BRUNSWICK	JOB NUMBER: 112G02258 CTO WE22
SUBJECT: BUILDING 225- MACHINE SHOP WIPE SAMPLE PLAN	
BASED ON:	DRAWING NUMBER:
BY: BG / CHECKED BY:	APPROVED BY: / DATE: 01/07/10



SAMPLE ID: NASB-B225-WP-MS01 - Floor
" " -MS02 - " "
-MS03 -
-MS04 -
-MS05 - Wall
-MS06 - " "
-MS07 -
-MS08-

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS01-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1035			
Method: Wipe			
Monitor Reading (ppm): N/A			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

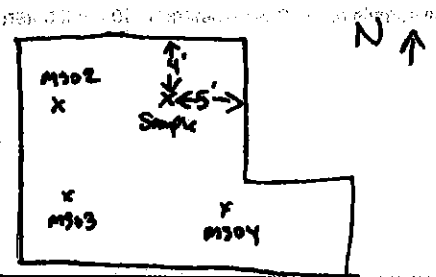
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.: NASB-B225-WP-DUP01-011310

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS02-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1040			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

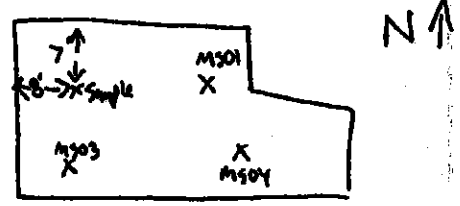
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [illegible]

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS03-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1045			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

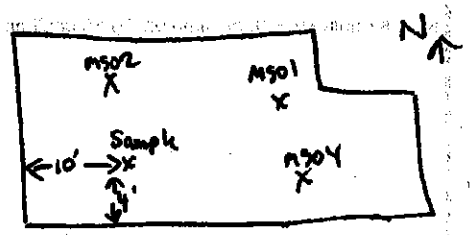
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS04-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1050			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

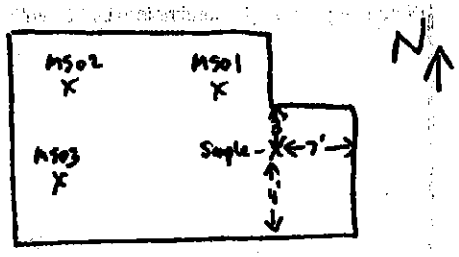
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS05-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1055			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

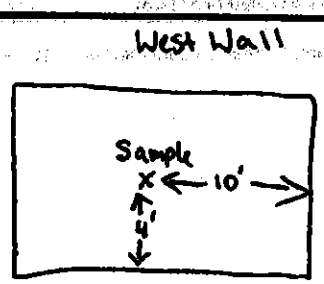
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS06-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1100			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

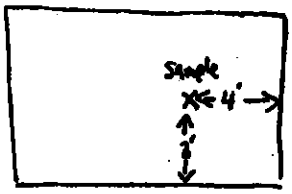
Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:

North Wall



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS07-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1105			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

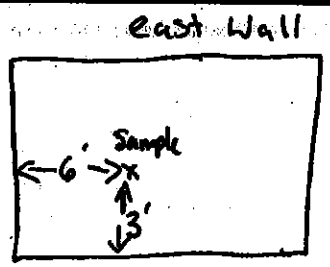
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-MS08-011310
Sample Location: Building 225 - Machine Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1110			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

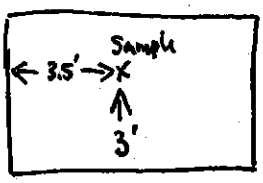
Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:

SE Wall



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-BS01-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1615			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

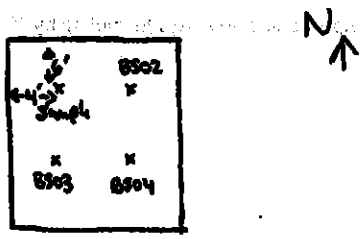
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

Sample ID No.: NASB-B225-WP-BS02-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1620			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

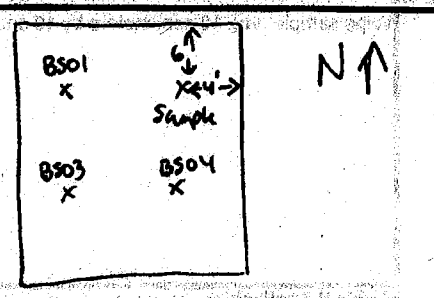
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-BS03-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1625			
Method: Wipe			
Monitor Reading (ppm): -			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

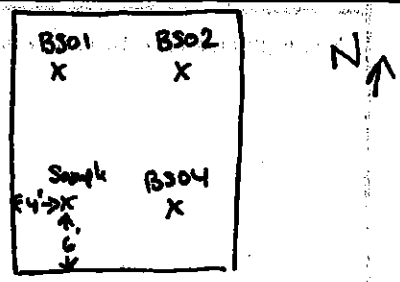
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

Sample ID No.: NASB-B225-WP-BS04-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1630			
Method: Wipe			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

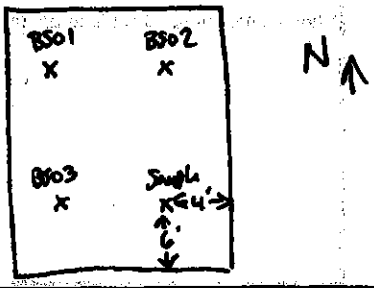
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.: NASB-B225-WP-DUP02-011310

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

Sample ID No.: NASB-B226-WP-BS05-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1635			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

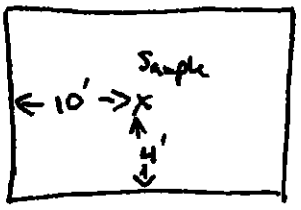
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-BS06-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1640			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

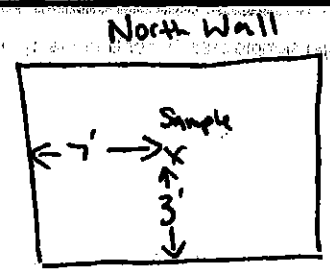
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-BS07-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1645			
Method: wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

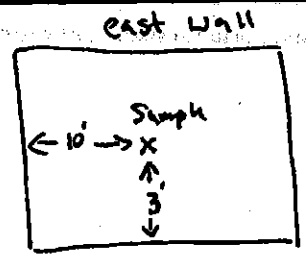
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	Yes No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters.

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02259 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-BS08-011310
Sample Location: Building 225 - Battery Shop
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/13/10			
Time: 1650			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

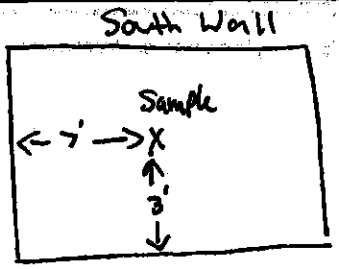
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF01-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1240			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

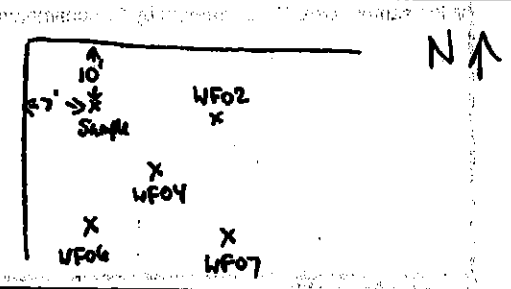
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF02-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1245			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

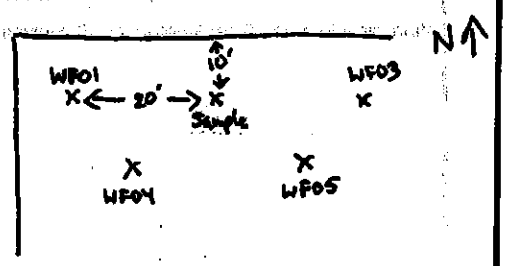
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF03-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1250			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

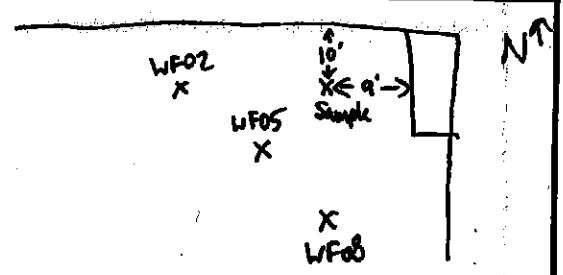
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF04-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1255			
Method: Wipe			
Monitor Reading (ppm): –			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

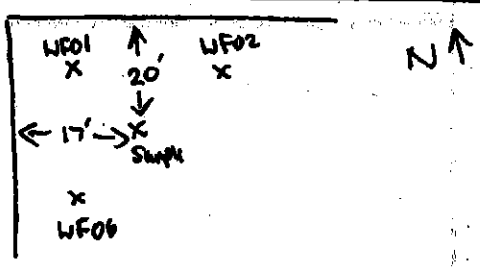
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle If Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF05-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1300			
Method: Wipe			
Monitor Reading (ppm): ----			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

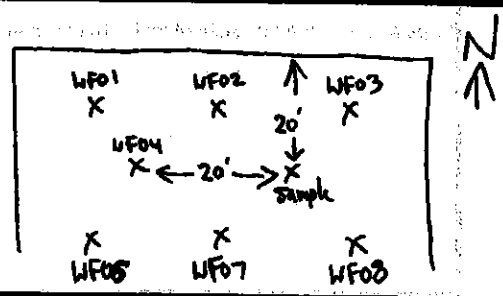
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.: NASB-B225-WP-DUP03-011410

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258.MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF06-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1305			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

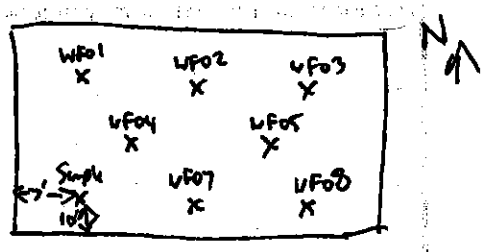
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF07-011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 01/14/10			
Time: 1310			
Method: Wipe			
Monitor Reading (ppm): –			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

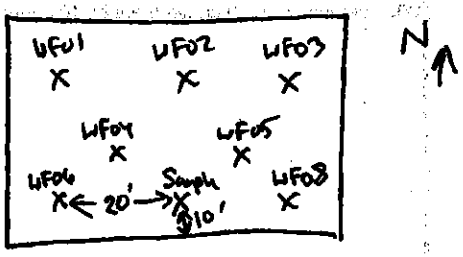
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS Brunswick - RCRA Building Closures
Project No.: 112G02258 MS.MI

[] Surface Soil
[] Subsurface Soil
[] Sediment
[X] Other: Wipe Sample
[] QA Sample Type:

Sample ID No.: NASB-B225-WP-WF08- 011410
Sample Location: Building 225 - Welding/Fab. Room
Sampled By: B. Geringer
C.O.C. No.:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

Date: 01/14/10	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: 1315			
Method: Wipe			
Monitor Reading (ppm): —			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

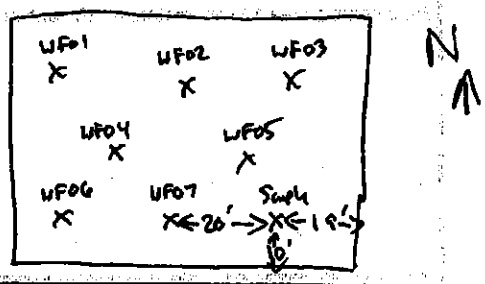
SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
Lead	2 Wipes (2 - 4 oz. jars) - Nitric Acid Preservation	(Yes) No	

OBSERVATIONS / NOTES:

Wipe sample area 10 centimeters by 10 centimeters

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. James Forrelli
Tetra Tech NUS,Inc.
55 Jonspin Road
Wilmington MA 01887

Report Number: 65755

Revision: Rev. 0

Re: NASB- RCRA Building Closures **112G02258**

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 January 2010 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
65755-1	01/13/10	NASB-B225-WP-MS01-011310	Metals	
65755-2	01/13/10	NASB-B225-WP-MS02-011310	Metals	
65755-3	01/13/10	NASB-B225-WP-MS03-011310	Metals	
65755-4	01/13/10	NASB-B225-WP-MS04-011310	Metals	
65755-5	01/13/10	NASB-B225-WP-MS05-011310	Metals	
65755-6	01/13/10	NASB-B225-WP-MS06-011310	Metals	
65755-7	01/13/10	NASB-B225-WP-MS07-011310	Metals	
65755-8	01/13/10	NASB-B225-WP-MS08-011310	Metals	
65755-9	01/13/10	NASB-B225-WP-BS01-011310	Metals	
65755-10	01/13/10	NASB-B225-WP-BS02-011310	Metals	
65755-11	01/13/10	NASB-B225-WP-BS03-011310	Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 01/22/10

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analytics environmental laboratory LLC

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800-929-9906
www.analyticslab.com

Mr. James Forrelli
Tetra Tech NUS,Inc.
55 Jonspin Road
Wilmington MA 01887

Report Number: 65755
Revision: Rev. 0

Re: NASB- RCRA Building Closures **112G02258**

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 January 2010 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
65755-12	01/13/10	NASB-B225-WP-BS04-011310	Metals	
65755-13	01/13/10	NASB-B225-WP-BS05-011310	Metals	
65755-14	01/13/10	NASB-B225-WP-BS06-011310	Metals	
65755-15	01/13/10	NASB-B225-WP-BS07-011310	Metals	
65755-16	01/13/10	NASB-B225-WP-BS08-011310	Metals	
65755-17	01/14/10	NASB-B225-WP-WF01-011410	Metals	
65755-18	01/14/10	NASB-B225-WP-WF02-011410	Metals	
65755-19	01/14/10	NASB-B225-WP-WF03-011410	Metals	
65755-20	01/14/10	NASB-B225-WP-WF04-011410	Metals	
65755-21	01/14/10	NASB-B225-WP-WF05-011410	Metals	
65755-22	01/14/10	NASB-B225-WP-WF06-011410	Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 01/22/10

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analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. James Forrelli
Tetra Tech NUS,Inc.
55 Jonspin Road
Wilmington MA 01887

Report Number: 65755

Revision: Rev. 0

Re: NASB- RCRA Building Closures **112G02258**

Enclosed are the results of the analyses on your sample(s). Samples were received on 14 January 2010 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
65755-23	01/14/10	NASB-B225-WP-WF07-011410	Metals	
65755-24	01/14/10	NASB-B225-WP-WF08-011410	Metals	
65755-25	01/13/10	NASB-B225-WP-DUP01-011310	Metals	
65755-26	01/13/10	NASB-B225-WP-DUP02-011310	Metals	
65755-27	01/14/10	NASB-B225-WP-DUP03-011410	Electronic Data Deliverable	
	01/14/10	NASB-B225-WP-DUP03-011410	Metals	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Maryland, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature Melnabli pr
Stephen L. Knollmeyer Lab. Director

Date 01/22/10

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-54285-1

SDG Number: 68054285

Job Description: NASB - RCRA Building Closures

For:

Analytics Environmental Laboratory, LLC
195 Commerce Way
Suite E
Portsmouth, NH 03801

Attention: Mr. Stephen Knollmeyer

Approved for release.
Abbie G Yant
Project Manager I
1/29/2010 11:47 AM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com

01/29/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; AZ: AZ0741; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

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Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

SAMPLE SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-54285-1	NASB-B225-WP-MS01-01 1310/65755-1	Wipe	01/13/2010 1035	01/15/2010 0950
680-54285-2	NASB-B225-WP-MS02-01 1310/65755-2	Wipe	01/13/2010 1040	01/15/2010 0950
680-54285-3	NASB-B225-WP-MS03-01 1310/65755-3	Wipe	01/13/2010 1045	01/15/2010 0950
680-54285-4	NASB-B225-WP-MS04-01 1310/65755-4	Wipe	01/13/2010 1050	01/15/2010 0950
680-54285-5	NASB-B225-WP-MS05-01 1310/65755-5	Wipe	01/13/2010 1055	01/15/2010 0950
680-54285-6	NASB-B225-WP-MS06-01 1310/65755-6	Wipe	01/13/2010 1100	01/15/2010 0950
680-54285-7	NASB-B225-WP-MS07-01 1310/65755-7	Wipe	01/13/2010 1105	01/15/2010 0950
680-54285-8	NASB-B225-WP-MS08-01 1310/65755-8	Wipe	01/13/2010 1110	01/15/2010 0950
680-54285-9	NASB-B225-WP-BS01-011 310/65755-9	Wipe	01/13/2010 1615	01/15/2010 0950
680-54285-10	NASB-B225-WP-BS02-011 310/65755-10	Wipe	01/13/2010 1620	01/15/2010 0950
680-54285-11	NASB-B225-WP-BS03-011 310/65755-11	Wipe	01/13/2010 1625	01/15/2010 0950
680-54285-12	NASB-B225-WP-BS04-011 310/65755-12	Wipe	01/13/2010 1630	01/15/2010 0950
680-54285-13	NASB-B225-WP-BS05-011 310/65755-13	Wipe	01/13/2010 1635	01/15/2010 0950
680-54285-14	NASB-B225-WP-BS06-011 310/65755-14	Wipe	01/13/2010 1640	01/15/2010 0950
680-54285-15	NASB-B225-WP-BS07-011 310/65755-15	Wipe	01/13/2010 1645	01/15/2010 0950
680-54285-16	NASB-B225-WP-BS08-011 310/65755-16	Wipe	01/13/2010 1650	01/15/2010 0950
680-54285-17	NASB-B225-WP-WF01-01 1410/65755-17	Wipe	01/14/2010 1240	01/15/2010 0950
680-54285-18	NASB-B225-WP-WF02-01 1410/65755-18	Wipe	01/14/2010 1245	01/15/2010 0950
680-54285-19	NASB-B225-WP-WF03-01 1410/65755-19	Wipe	01/14/2010 1250	01/15/2010 0950
680-54285-20	NASB-B225-WP-WF04-01 1410/65755-20	Wipe	01/14/2010 1255	01/15/2010 0950
680-54285-21	NASB-B225-WP-WF05-01 1410/65755-21	Wipe	01/14/2010 1300	01/15/2010 0950
680-54285-22	NASB-B225-WP-WF06-01 1410/65755-22	Wipe	01/14/2010 1305	01/15/2010 0950
680-54285-23	NASB-B225-WP-WF07-01 1410/65755-23	Wipe	01/14/2010 1310	01/15/2010 0950
680-54285-24	NASB-B225-WP-WF08-01 1410/65755-24	Wipe	01/14/2010 1315	01/15/2010 0950
680-54285-25	NASB-B225-WP-DUP01-0 11310/65755-25	Wipe	01/13/2010 0000	01/15/2010 0950
680-54285-26	NASB-B225-WP-DUP02-0 11310/65755-26	Wipe	01/13/2010 0000	01/15/2010 0950

SAMPLE SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-54285-27	NASB-B225-WP-DUP03-0 11410/65755-27	Wipe	01/14/2010 0000	01/15/2010 0950

EXECUTIVE SUMMARY - Detections

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
680-54285-1	NASB-B225-WP-MS01-011310/65755-1				
Lead		0.0028	0.00040	mg/wipe	6020
680-54285-2	NASB-B225-WP-MS02-011310/65755-2				
Lead		0.0012	0.00040	mg/wipe	6020
680-54285-3	NASB-B225-WP-MS03-011310/65755-3				
Lead		0.0019	0.00040	mg/wipe	6020
680-54285-4	NASB-B225-WP-MS04-011310/65755-4				
Lead		0.0041	0.00040	mg/wipe	6020
680-54285-6	NASB-B225-WP-MS06-011310/65755-6				
Lead		0.00053	0.00040	mg/wipe	6020
680-54285-9	NASB-B225-WP-BS01-011310/65755-9				
Lead		0.0018	0.00040	mg/wipe	6020
680-54285-10	NASB-B225-WP-BS02-011310/65755-10				
Lead		0.00095	0.00040	mg/wipe	6020
680-54285-11	NASB-B225-WP-BS03-011310/65755-11				
Lead		0.00095	0.00040	mg/wipe	6020
680-54285-12	NASB-B225-WP-BS04-011310/65755-12				
Lead		0.00081	0.00040	mg/wipe	6020
680-54285-13	NASB-B225-WP-BS05-011310/65755-13				
Lead		0.00069	0.00040	mg/wipe	6020
680-54285-14	NASB-B225-WP-BS06-011310/65755-14				
Lead		0.00048	0.00040	mg/wipe	6020

EXECUTIVE SUMMARY - Detections

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
680-54285-16	NASB-B225-WP-BS08-011310/65755-16				
Lead		0.0060	0.00040	mg/wipe	6020
680-54285-17	NASB-B225-WP-WF01-011410/65755-17				
Lead		0.0011	0.00040	mg/wipe	6020
680-54285-18	NASB-B225-WP-WF02-011410/65755-18				
Lead		0.0015	0.00040	mg/wipe	6020
680-54285-19	NASB-B225-WP-WF03-011410/65755-19				
Lead		0.0025	0.00040	mg/wipe	6020
680-54285-20	NASB-B225-WP-WF04-011410/65755-20				
Lead		0.00092	0.00040	mg/wipe	6020
680-54285-21	NASB-B225-WP-WF05-011410/65755-21				
Lead		0.0012	0.00040	mg/wipe	6020
680-54285-22	NASB-B225-WP-WF06-011410/65755-22				
Lead		0.0024	0.00040	mg/wipe	6020
680-54285-23	NASB-B225-WP-WF07-011410/65755-23				
Lead		0.00066	0.00040	mg/wipe	6020
680-54285-24	NASB-B225-WP-WF08-011410/65755-24				
Lead		0.00079	0.00040	mg/wipe	6020
680-54285-25	NASB-B225-WP-DUP01-011310/65755-25				
Lead		0.0035	0.00040	mg/wipe	6020
680-54285-26	NASB-B225-WP-DUP02-011310/65755-26				
Lead		0.0016	0.00040	mg/wipe	6020

EXECUTIVE SUMMARY - Detections

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
680-54285-27	NASB-B225-WP-DUP03-011410/65755-27				
Lead		0.00078	0.00040	mg/wipe	6020

METHOD SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Description	Lab Location	Method	Preparation Method
Matrix Wipe			
Metals (ICP/MS)	TAL SAV	SW846 6020	
Preparation, Metals	TAL SAV		SW846 3050B

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Method	Analyst	Analyst ID
SW846 6020	Boyuk, Brian	BB
SW846 6020	Robertson, Bryn	BR

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS01-011310/65755-1

Lab Sample ID: 680-54285-1
Client Matrix: Wipe

Date Sampled: 01/13/2010 1035
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158649		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0130			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0028		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS02-011310/65755-2

Lab Sample ID: 680-54285-2
Client Matrix: Wipe

Date Sampled: 01/13/2010 1040
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0150			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0012		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B226-WP-MS03-011310/65755-3

Lab Sample ID: 680-54285-3
Client Matrix: Wipe

Date Sampled: 01/13/2010 1045
Date Received: 01/16/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0157			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0019		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS04-011310/65755-4

Lab Sample ID: 680-54285-4
Client Matrix: Wipe

Date Sampled: 01/13/2010 1050
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0204			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0041		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS05-011310/65755-5

Lab Sample ID: 680-54285-5
Client Matrix: Wipe

Date Sampled: 01/13/2010 1055
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158664		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0210			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS06-011310/65755-6

Lab Sample ID: 680-54285-6
Client Matrix: Wipe

Date Sampled: 01/13/2010 1100
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0231			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00053		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS07-011310/65755-7

Lab Sample ID: 680-54285-7
Client Matrix: Wipe

Date Sampled: 01/13/2010 1105
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0238			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-MS08-011310/65755-8

Lab Sample ID: 680-54285-8
Client Matrix: Wipe

Date Sampled: 01/13/2010 1110
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0245			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS01-011310/65755-9

Lab Sample ID: 680-54285-9
Client Matrix: Wipe

Date Sampled: 01/13/2010 1615
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0251			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0018		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS02-011310/65755-10

Lab Sample ID: 680-54285-10
Client Matrix: Wipe

Date Sampled: 01/13/2010 1620
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0258			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00095		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS03-011310/65755-11

Lab Sample ID: 680-54285-11
Client Matrix: Wipe

Date Sampled: 01/13/2010 1625
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0305			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00095		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS04-011310/65755-12

Lab Sample ID: 680-54285-12
Client Matrix: Wipe

Date Sampled: 01/13/2010 1630
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-156849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0312			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00081		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS05-011310/65755-13

Lab Sample ID: 680-54285-13
Client Matrix: Wipe

Date Sampled: 01/13/2010 1635
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method: 6020
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 01/21/2010 0319
Date Prepared: 01/19/2010 1016

Analysis Batch: 680-158849
Prep Batch: 680-158664

Instrument ID: ICPMSA
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00069		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS06-011310/65755-14

Lab Sample ID: 680-54285-14
Client Matrix: Wipe

Date Sampled: 01/13/2010 1640
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158664		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0325			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00048		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS07-011310/65755-15

Lab Sample ID: 680-54285-15
Client Matrix: Wipe

Date Sampled: 01/13/2010 1645
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0332			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-BS08-011310/65755-16

Lab Sample ID: 680-54285-16
Client Matrix: Wipe

Date Sampled: 01/13/2010 1650
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0353			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0060		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-WF01-011410/65755-17

Lab Sample ID: 680-54285-17
Client Matrix: Wipe

Date Sampled: 01/14/2010 1240
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158584		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0400			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0011		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B226-WP-WF02-011410/65755-18

Lab Sample ID: 680-54285-18
Client Matrix: Wipe

Date Sampled: 01/14/2010 1245
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0406			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0015		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-WF03-011410/65755-19

Lab Sample ID: 680-54285-19
Client Matrix: Wipe

Date Sampled: 01/14/2010 1250
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0413			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0025		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-WF04-011410/65755-20

Lab Sample ID: 680-54285-20
Client Matrix: Wipe

Date Sampled: 01/14/2010 1255
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158849		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158564		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/21/2010 0422			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1016				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00092		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B228-WP-WF06-011410/65755-21

Lab Sample ID: 680-54285-21
Client Matrix: Wipe

Date Sampled: 01/14/2010 1300
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158978		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158685		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1217			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0012		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B226-WP-WF06-011410/65755-22

Lab Sample ID: 680-54285-22
Client Matrix: Wipe

Date Sampled: 01/14/2010 1305
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158978		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158566		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1237			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0024		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-WF07-011410/65755-23

Lab Sample ID: 680-54285-23
Client Matrix: Wipe

Date Sampled: 01/14/2010 1310
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158978		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158565		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1244			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00066		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-WF06-011410/65755-24

Lab Sample ID: 680-54285-24
Client Matrix: Wipe

Date Sampled: 01/14/2010 1315
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158978		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158665		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1251			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00079		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-DUP01-011310/65755-25

Lab Sample ID: 680-54285-25
Client Matrix: Wipe

Date Sampled: 01/13/2010 0000
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158976		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158565		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1258			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0035		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-B225-WP-DUP02-011310/65755-26

Lab Sample ID: 680-54285-26
Client Matrix: Wipe

Date Sampled: 01/13/2010 0000
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158978		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158565		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1318			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.0018		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Client Sample ID: NASB-S225-WP-DUP03-011410/65755-27

Lab Sample ID: 680-54285-27
Client Matrix: Wipe

Date Sampled: 01/14/2010 0000
Date Received: 01/15/2010 0950

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 680-158978		Instrument ID:	ICPMSA
Preparation:	3050B	Prep Batch: 680-158565		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1 Wipe
Date Analyzed:	01/22/2010 1325			Final Weight/Volume:	1000 mL
Date Prepared:	01/19/2010 1027				

Analyte	Result (mg/wipe)	Qualifier	MDL	RL
Lead	0.00078		0.00040	0.00040

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Method Blank - Batch: 680-158564

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 680-158564/21-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 01/21/2010 0109
Date Prepared: 01/19/2010 1016

Analysis Batch: 680-158849
Prep Batch: 680-158564
Units: mg/wipe

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-158564

Method: 6020
Preparation: 3050B

LCS Lab Sample ID: LCS 680-158564/22-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 01/21/2010 0116
Date Prepared: 01/19/2010 1016

Analysis Batch: 680-158849
Prep Batch: 680-158564
Units: mg/wipe

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 01/21/2010 0123
Date Prepared: 01/19/2010 1016

Analysis Batch: 680-158849
Prep Batch: 680-158564
Units: mg/wipe

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	96	96	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 680-158564

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 680-158564/22-A	Units: mg/wipe	LCSD Lab Sample ID:	LCSD 680-158564/23-A
Client Matrix:	Wipe		Client Matrix:	Wipe
Dilution:	1.0		Dilution:	1.0
Date Analyzed:	01/21/2010 0116		Date Analyzed:	01/21/2010 0123
Date Prepared:	01/19/2010 1016		Date Prepared:	01/19/2010 1016

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Lead	0.00500	0.00500	0.00478	0.00479

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Method Blank - Batch: 680-158565

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 680-158565/8-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 01/22/2010 1156
Date Prepared: 01/19/2010 1027

Analysis Batch: 680-158978
Prep Batch: 680-158565
Units: mg/wipe

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	MDL	RL
Lead	0.00040	U	0.00040	0.00040

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-158565

Method: 6020
Preparation: 3050B

LCS Lab Sample ID: LCS 680-158565/9-A
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 01/22/2010 1203
Date Prepared: 01/19/2010 1027

Analysis Batch: 680-158978
Prep Batch: 680-158565
Units: mg/wipe

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD
Client Matrix: Wipe
Dilution: 1.0
Date Analyzed: 01/22/2010 1210
Date Prepared: 01/19/2010 1027

Analysis Batch: 680-158978
Prep Batch: 680-158565
Units: mg/wipe

Instrument ID: ICP MS - A
Lab File ID: N/A
Initial Weight/Volume: 1 Wipe
Final Weight/Volume: 1000 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	97	88	75 - 125	10	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 680-158565

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 680-158565/9-A	Units:	mg/wipe	LCSD Lab Sample ID:	LCSD 680-158565/10-A
Client Matrix:	Wipe			Client Matrix:	Wipe
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	01/22/2010 1203			Date Analyzed:	01/22/2010 1210
Date Prepared:	01/19/2010 1027			Date Prepared:	01/19/2010 1027

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Lead	0.00500	0.00500	0.00484	0.00440

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-158564					
LCS 680-158564/22-A	Lab Control Sample	T	Wipe	3050B	
LCSD 680-158564/23-A	Lab Control Sample Duplicate	T	Wipe	3050B	
MB 680-158564/21-A	Method Blank	T	Wipe	3050B	
680-54285-1	NASB-B225-WP-MS01-011310/65755-1	T	Wipe	3050B	
680-54285-2	NASB-B225-WP-MS02-011310/65755-2	T	Wipe	3050B	
680-54285-3	NASB-B225-WP-MS03-011310/65755-3	T	Wipe	3050B	
680-54285-4	NASB-B225-WP-MS04-011310/65755-4	T	Wipe	3050B	
680-54285-5	NASB-B225-WP-MS05-011310/65755-5	T	Wipe	3050B	
680-54285-6	NASB-B225-WP-MS06-011310/65755-6	T	Wipe	3050B	
680-54285-7	NASB-B225-WP-MS07-011310/65755-7	T	Wipe	3050B	
680-54285-8	NASB-B225-WP-MS08-011310/65755-8	T	Wipe	3050B	
680-54285-9	NASB-B225-WP-BS01-011310/65755-9	T	Wipe	3050B	
680-54285-10	NASB-B225-WP-BS02-011310/65755-10	T	Wipe	3050B	
680-54285-11	NASB-B225-WP-BS03-011310/65755-11	T	Wipe	3050B	
680-54285-12	NASB-B225-WP-BS04-011310/65755-12	T	Wipe	3050B	
680-54285-13	NASB-B225-WP-BS05-011310/65755-13	T	Wipe	3050B	
680-54285-14	NASB-B225-WP-BS06-011310/65755-14	T	Wipe	3050B	
680-54285-15	NASB-B225-WP-BS07-011310/65755-15	T	Wipe	3050B	
680-54285-16	NASB-B225-WP-BS08-011310/65755-16	T	Wipe	3050B	
680-54285-17	NASB-B225-WP-WF01-011410/65755-17	T	Wipe	3050B	
680-54285-18	NASB-B225-WP-WF02-011410/65755-18	T	Wipe	3050B	
680-54285-19	NASB-B225-WP-WF03-011410/65755-19	T	Wipe	3050B	
680-54285-20	NASB-B225-WP-WF04-011410/65755-20	T	Wipe	3050B	

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-158565					
LCS 680-158565/9-A	Lab Control Sample	T	Wipe	3050B	
LCSD 680-158565/10-A	Lab Control Sample Duplicate	T	Wipe	3050B	
MB 680-158565/8-A	Method Blank	T	Wipe	3050B	
680-54285-21	NASB-B225-WP-WF05-011410/65755-21	T	Wipe	3050B	
680-54285-22	NASB-B225-WP-WF06-011410/65755-22	T	Wipe	3050B	
680-54285-23	NASB-B225-WP-WF07-011410/65755-23	T	Wipe	3050B	
680-54285-24	NASB-B225-WP-WF08-011410/65755-24	T	Wipe	3050B	
680-54285-25	NASB-B225-WP-DUP01-011310/65755-25	T	Wipe	3050B	
680-54285-26	NASB-B225-WP-DUP02-011310/65755-26	T	Wipe	3050B	
680-54285-27	NASB-B225-WP-DUP03-011410/65755-27	T	Wipe	3050B	

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:680-158849					
LCS 680-158564/22-A	Lab Control Sample	T	Wipe	6020	680-158564
LCSD 680-158564/23-A	Lab Control Sample Duplicate	T	Wipe	6020	680-158564
MB 680-158564/21-A	Method Blank	T	Wipe	6020	680-158564
680-54285-1	NASB-B225-WP-MS01-011310/65755-1	T	Wipe	6020	680-158564
680-54285-2	NASB-B225-WP-MS02-011310/65755-2	T	Wipe	6020	680-158564
680-54285-3	NASB-B225-WP-MS03-011310/65755-3	T	Wipe	6020	680-158564
680-54285-4	NASB-B225-WP-MS04-011310/65755-4	T	Wipe	6020	680-158564
680-54285-5	NASB-B225-WP-MS05-011310/65755-5	T	Wipe	6020	680-158564
680-54285-6	NASB-B225-WP-MS06-011310/65755-6	T	Wipe	6020	680-158564
680-54285-7	NASB-B225-WP-MS07-011310/65755-7	T	Wipe	6020	680-158564
680-54285-8	NASB-B225-WP-MS08-011310/65755-8	T	Wipe	6020	680-158564
680-54285-9	NASB-B225-WP-BS01-011310/65755-9	T	Wipe	6020	680-158564
680-54285-10	NASB-B225-WP-BS02-011310/65755-10	T	Wipe	6020	680-158564
680-54285-11	NASB-B225-WP-BS03-011310/65755-11	T	Wipe	6020	680-158564
680-54285-12	NASB-B225-WP-BS04-011310/65755-12	T	Wipe	6020	680-158564
680-54285-13	NASB-B225-WP-BS05-011310/65755-13	T	Wipe	6020	680-158564
680-54285-14	NASB-B225-WP-BS06-011310/65755-14	T	Wipe	6020	680-158564
680-54285-15	NASB-B225-WP-BS07-011310/65755-15	T	Wipe	6020	680-158564
680-54285-16	NASB-B225-WP-BS08-011310/65755-16	T	Wipe	6020	680-158564
680-54285-17	NASB-B225-WP-WF01-011410/65755-17	T	Wipe	6020	680-158564
680-54285-18	NASB-B225-WP-WF02-011410/65755-18	T	Wipe	6020	680-158564
680-54285-19	NASB-B225-WP-WF03-011410/65755-19	T	Wipe	6020	680-158564
680-54285-20	NASB-B225-WP-WF04-011410/65755-20	T	Wipe	6020	680-158564

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
Sdg Number: 68054285

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:680-158978					
LCS 680-158565/9-A	Lab Control Sample	T	Wipe	6020	680-158565
LCSD 680-158565/10-A	Lab Control Sample Duplicate	T	Wipe	6020	680-158565
MB 680-158565/8-A	Method Blank	T	Wipe	6020	680-158565
680-54285-21	NASB-B225-WP-WF05-011410/65755-21	T	Wipe	6020	680-158565
680-54285-22	NASB-B225-WP-WF06-011410/65755-22	T	Wipe	6020	680-158565
680-54285-23	NASB-B225-WP-WF07-011410/65755-23	T	Wipe	6020	680-158565
680-54285-24	NASB-B225-WP-WF08-011410/65755-24	T	Wipe	6020	680-158565
680-54285-25	NASB-B225-WP-DUP01-011310/65755-25	T	Wipe	6020	680-158565
680-54285-26	NASB-B225-WP-DUP02-011310/65755-26	T	Wipe	6020	680-158565
680-54285-27	NASB-B225-WP-DUP03-011410/65755-27	T	Wipe	6020	680-158565

Report Basis
T = Total

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
SDG: 68054285

Laboratory Chronicle

Lab ID: 680-54285-1 Client ID: NASB-B225-WP-MS01-011310/65755-1

Sample Date/Time: 01/13/2010 10:35 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-1-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-1-A		680-158849	680-158564	01/21/2010 01:30	1	TAL SAV	BB

Lab ID: 680-54285-2 Client ID: NASB-B225-WP-MS02-011310/65755-2

Sample Date/Time: 01/13/2010 10:40 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-2-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-2-A		680-158849	680-158564	01/21/2010 01:50	1	TAL SAV	BB

Lab ID: 680-54285-3 Client ID: NASB-B225-WP-MS03-011310/65755-3

Sample Date/Time: 01/13/2010 10:45 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-3-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-3-A		680-158849	680-158564	01/21/2010 01:57	1	TAL SAV	BB

Lab ID: 680-54285-4 Client ID: NASB-B225-WP-MS04-011310/65755-4

Sample Date/Time: 01/13/2010 10:50 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-4-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-4-A		680-158849	680-158564	01/21/2010 02:04	1	TAL SAV	BB

Lab ID: 680-54285-5 Client ID: NASB-B225-WP-MS05-011310/65755-5

Sample Date/Time: 01/13/2010 10:55 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-5-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-5-A		680-158849	680-158564	01/21/2010 02:10	1	TAL SAV	BB

Lab ID: 680-54285-6 Client ID: NASB-B225-WP-MS06-011310/65755-6

Sample Date/Time: 01/13/2010 11:00 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-6-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-6-A		680-158849	680-158564	01/21/2010 02:31	1	TAL SAV	BB

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
SDG: 68054285

Laboratory Chronicle

Lab ID: 680-54285-7 Client ID: NASB-B225-WP-MS07-011310/65755-7

Sample Date/Time: 01/13/2010 11:05 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-7-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-7-A		680-158849	680-158564	01/21/2010 02:38	1	TAL SAV	BB

Lab ID: 680-54285-8 Client ID: NASB-B225-WP-MS08-011310/65755-8

Sample Date/Time: 01/13/2010 11:10 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-8-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-8-A		680-158849	680-158564	01/21/2010 02:45	1	TAL SAV	BB

Lab ID: 680-54285-9 Client ID: NASB-B225-WP-BS01-011310/65755-9

Sample Date/Time: 01/13/2010 16:15 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-9-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-9-A		680-158849	680-158564	01/21/2010 02:51	1	TAL SAV	BB

Lab ID: 680-54285-10 Client ID: NASB-B225-WP-BS02-011310/65755-10

Sample Date/Time: 01/13/2010 16:20 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-10-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-10-A		680-158849	680-158564	01/21/2010 02:58	1	TAL SAV	BB

Lab ID: 680-54285-11 Client ID: NASB-B225-WP-BS03-011310/65755-11

Sample Date/Time: 01/13/2010 16:25 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-11-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-11-A		680-158849	680-158564	01/21/2010 03:05	1	TAL SAV	BB

Lab ID: 680-54285-12 Client ID: NASB-B225-WP-BS04-011310/65755-12

Sample Date/Time: 01/13/2010 16:30 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-12-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-12-A		680-158849	680-158564	01/21/2010 03:12	1	TAL SAV	BB

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
SDG: 68054285

Laboratory Chronicle

Lab ID: 680-54285-13 **Client ID:** NASB-B225-WP-BS05-011310/65755-13

Sample Date/Time: 01/13/2010 16:35 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-13-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-13-A		680-158849	680-158564	01/21/2010 03:19	1	TAL SAV	BB

Lab ID: 680-54285-14 **Client ID:** NASB-B225-WP-BS06-011310/65755-14

Sample Date/Time: 01/13/2010 16:40 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-14-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-14-A		680-158849	680-158564	01/21/2010 03:25	1	TAL SAV	BB

Lab ID: 680-54285-15 **Client ID:** NASB-B225-WP-BS07-011310/65755-15

Sample Date/Time: 01/13/2010 16:45 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-15-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-15-A		680-158849	680-158564	01/21/2010 03:32	1	TAL SAV	BB

Lab ID: 680-54285-16 **Client ID:** NASB-B225-WP-BS08-011310/65755-16

Sample Date/Time: 01/13/2010 16:50 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-16-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-16-A		680-158849	680-158564	01/21/2010 03:53	1	TAL SAV	BB

Lab ID: 680-54285-17 **Client ID:** NASB-B225-WP-WF01-011410/65755-17

Sample Date/Time: 01/14/2010 12:40 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-17-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-17-A		680-158849	680-158564	01/21/2010 04:00	1	TAL SAV	BB

Lab ID: 680-54285-18 **Client ID:** NASB-B225-WP-WF02-011410/65755-18

Sample Date/Time: 01/14/2010 12:45 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-18-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-18-A		680-158849	680-158564	01/21/2010 04:06	1	TAL SAV	BB

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
SDG: 68054285

Laboratory Chronicle

Lab ID: 680-54285-19 **Client ID:** NASB-B225-WP-WF03-011410/65755-19

Sample Date/Time: 01/14/2010 12:50 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-19-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-B-19-A		680-158849	680-158564	01/21/2010 04:13	1	TAL SAV	BB

Lab ID: 680-54285-20 **Client ID:** NASB-B225-WP-WF04-011410/65755-20

Sample Date/Time: 01/14/2010 12:55 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-20-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	680-54285-A-20-A		680-158849	680-158564	01/21/2010 04:22	1	TAL SAV	BB

Lab ID: 680-54285-21 **Client ID:** NASB-B225-WP-WF05-011410/65755-21

Sample Date/Time: 01/14/2010 13:00 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-21-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-B-21-A		680-158978	680-158565	01/22/2010 12:17	1	TAL SAV	BR

Lab ID: 680-54285-22 **Client ID:** NASB-B225-WP-WF06-011410/65755-22

Sample Date/Time: 01/14/2010 13:05 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-22-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-B-22-A		680-158978	680-158565	01/22/2010 12:37	1	TAL SAV	BR

Lab ID: 680-54285-23 **Client ID:** NASB-B225-WP-WF07-011410/65755-23

Sample Date/Time: 01/14/2010 13:10 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-23-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-A-23-A		680-158978	680-158565	01/22/2010 12:44	1	TAL SAV	BR

Lab ID: 680-54285-24 **Client ID:** NASB-B225-WP-WF08-011410/65755-24

Sample Date/Time: 01/14/2010 13:15 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-24-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-B-24-A		680-158978	680-158565	01/22/2010 12:51	1	TAL SAV	BR

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
SDG: 68054285

Laboratory Chronicle

Lab ID: 680-54285-25 **Client ID:** NASB-B225-WP-DUP01-011310/65755-25

Sample Date/Time: 01/13/2010 00:00 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-25-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-B-25-A		680-158978	680-158565	01/22/2010 12:58	1	TAL SAV	BR

Lab ID: 680-54285-26 **Client ID:** NASB-B225-WP-DUP02-011310/65755-26

Sample Date/Time: 01/13/2010 00:00 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-A-26-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-A-26-A		680-158978	680-158565	01/22/2010 13:18	1	TAL SAV	BR

Lab ID: 680-54285-27 **Client ID:** NASB-B225-WP-DUP03-011410/65755-27

Sample Date/Time: 01/14/2010 00:00 Received Date/Time: 01/15/2010 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	680-54285-B-27-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	680-54285-B-27-A		680-158978	680-158565	01/22/2010 13:25	1	TAL SAV	BR

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	MB 680-158564/21-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	MB 680-158564/21-A		680-158849	680-158564	01/21/2010 01:09	1	TAL SAV	BB
P:3050B	MB 680-158565/8-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	MB 680-158565/8-A		680-158978	680-158565	01/22/2010 11:56	1	TAL SAV	BR

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCS 680-158564/22-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	LCS 680-158564/22-A		680-158849	680-158564	01/21/2010 01:16	1	TAL SAV	BB
P:3050B	LCS 680-158565/9-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	LCS 680-158565/9-A		680-158978	680-158565	01/22/2010 12:03	1	TAL SAV	BR

Client: Analytics Environmental Laboratory, LLC

Job Number: 680-54285-1
SDG: 68054285

Laboratory Chronicle

Lab ID: LCSD Client ID: N/A

Sample Date/Time: N/A Received Date/Time: N/A

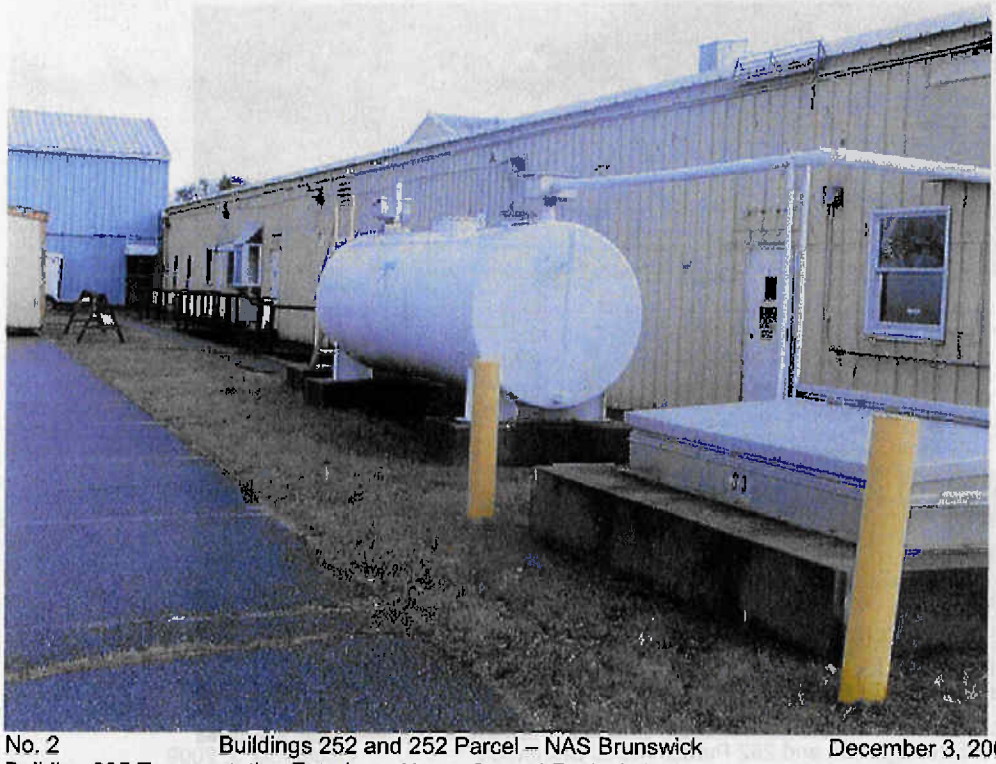
Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSD 680-158564/23-A		680-158849	680-158564	01/19/2010 10:16	1	TAL SAV	DH
A:6020	LCSD 680-158564/23-A		680-158849	680-158564	01/21/2010 01:23	1	TAL SAV	BB
P:3050B	LCSD 680-158565/10-A		680-158978	680-158565	01/19/2010 10:27	1	TAL SAV	DH
A:6020	LCSD 680-158565/10-A		680-158978	680-158565	01/22/2010 12:10	1	TAL SAV	BR

Lab References:
TAL SAV = TestAmerica Savannah

I - Final Condition Photographs

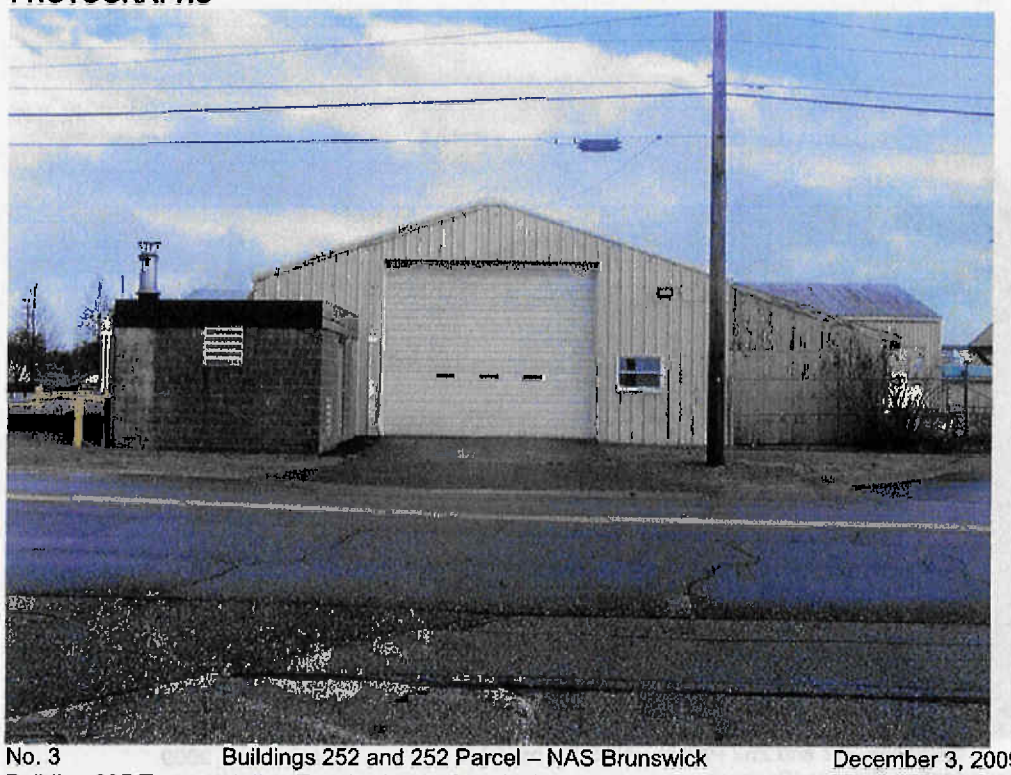
PHOTOGRAPHS

No. 1 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior (Garage)



No. 2 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior – Above Ground Fuel Oil Tank

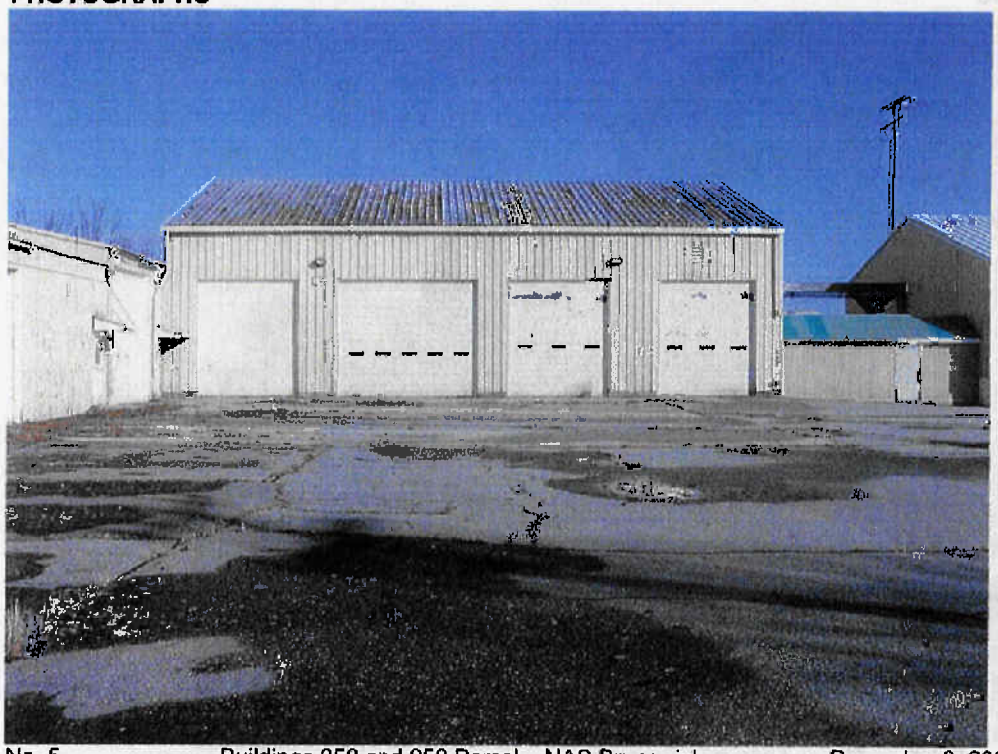
PHOTOGRAPHS



No. 3 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior (west elevation)

No. 4 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior (south elevation)

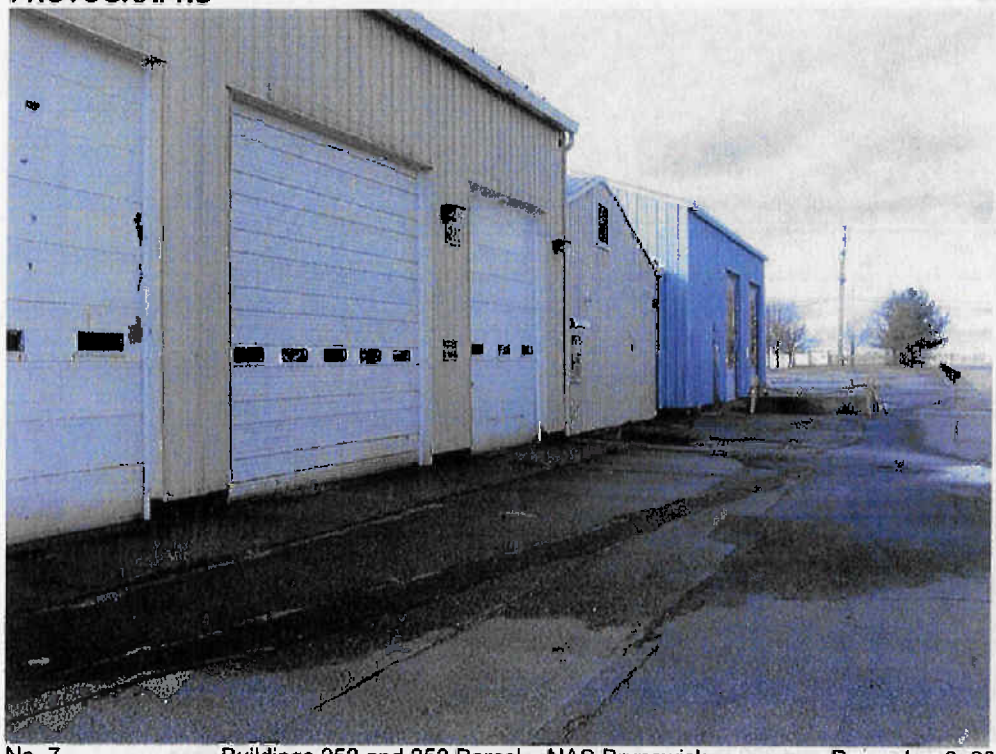
PHOTOGRAPHS



No. 5 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior - Service Bays

No. 6 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 252 Transportation Exterior (west)

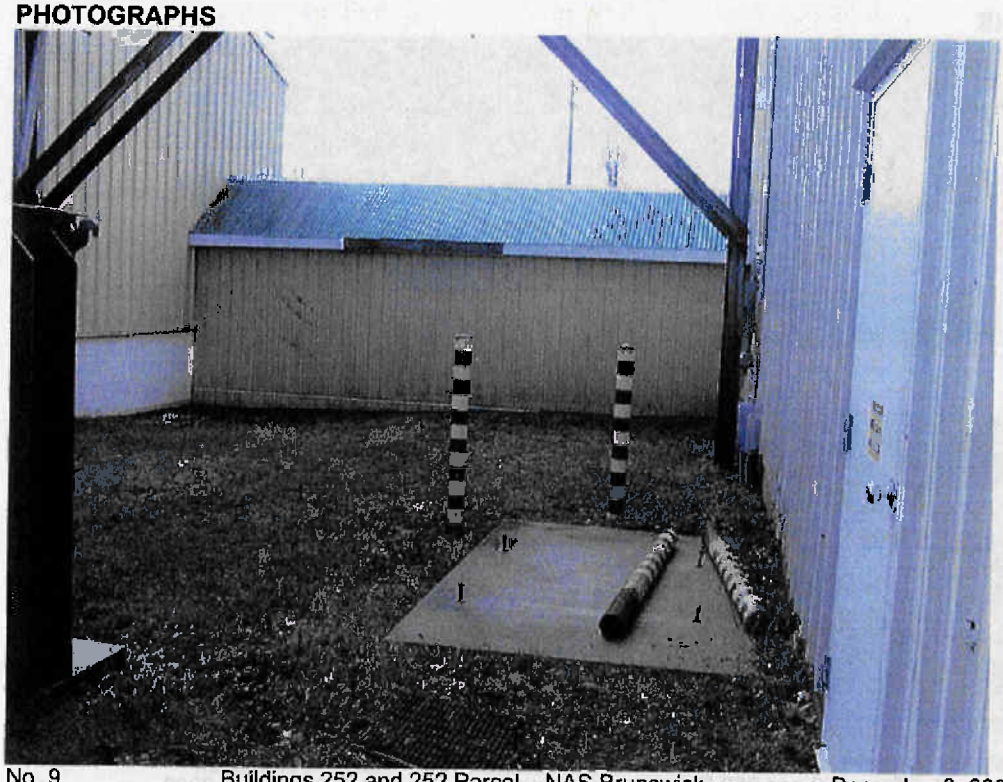
PHOTOGRAPHS



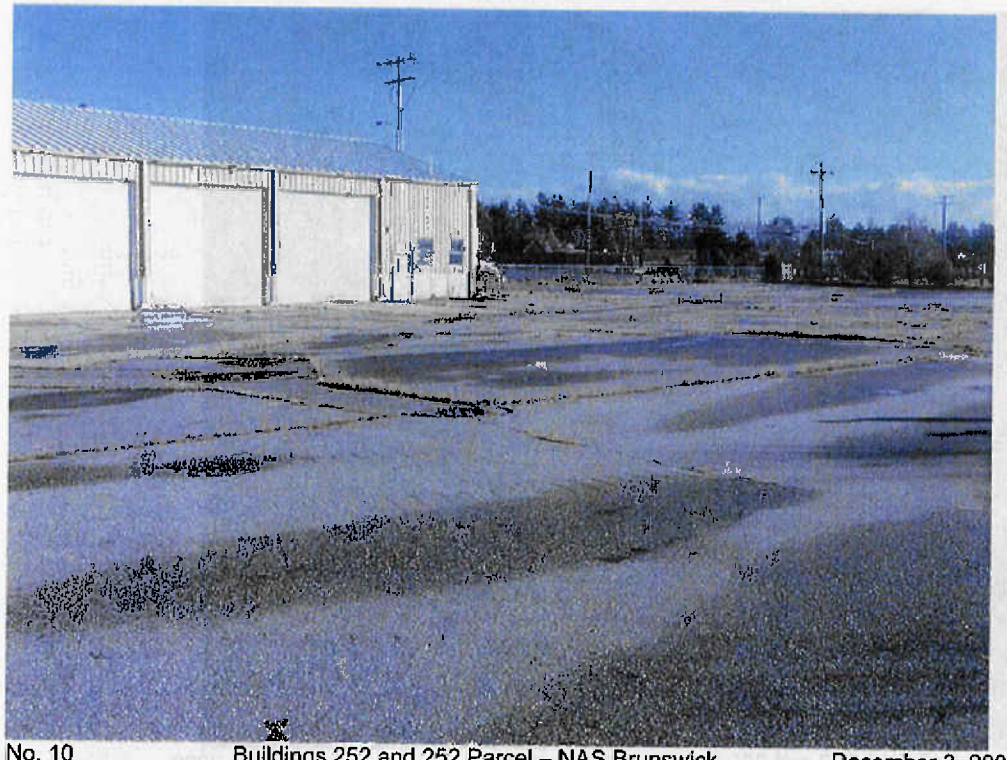
No. 7 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior (northeast)

No. 8 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Electrical Transformer

PHOTOGRAPHS



No. 9 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Former waste oil tank location



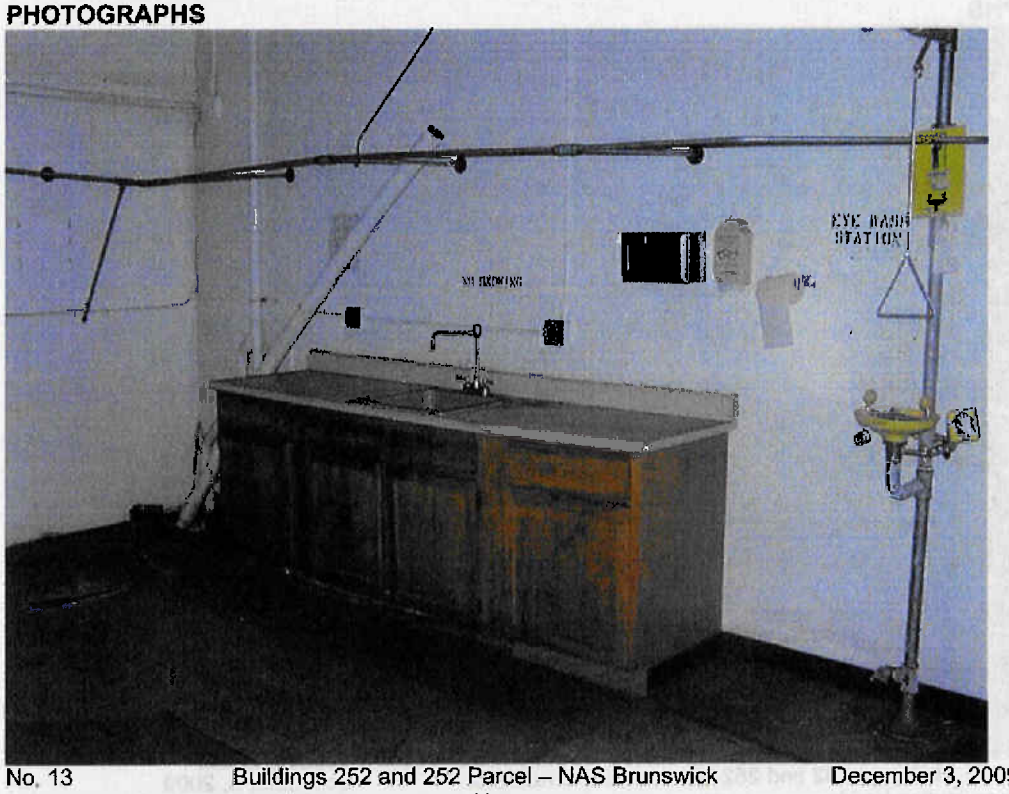
No. 10 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 252 Transportation Exterior and Vehicle Storage Yard

PHOTOGRAPHS

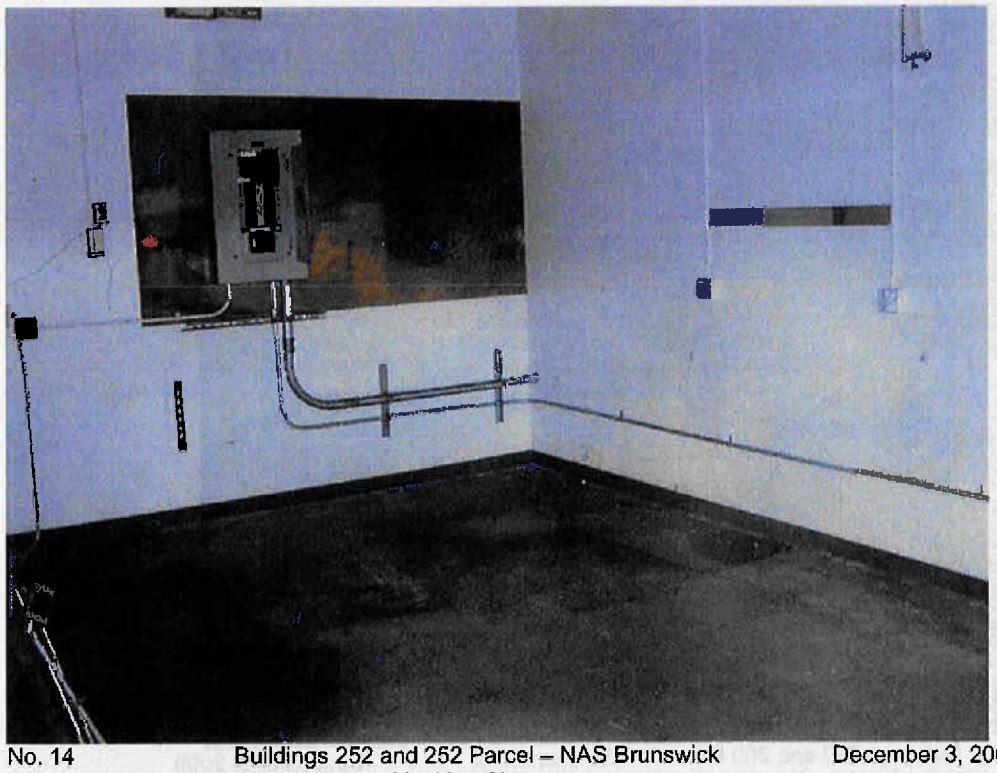
No. 11 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Exterior and Vehicle Storage Yard

No. 12 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Interior – Welding/Fabrication Shop

PHOTOGRAPHS

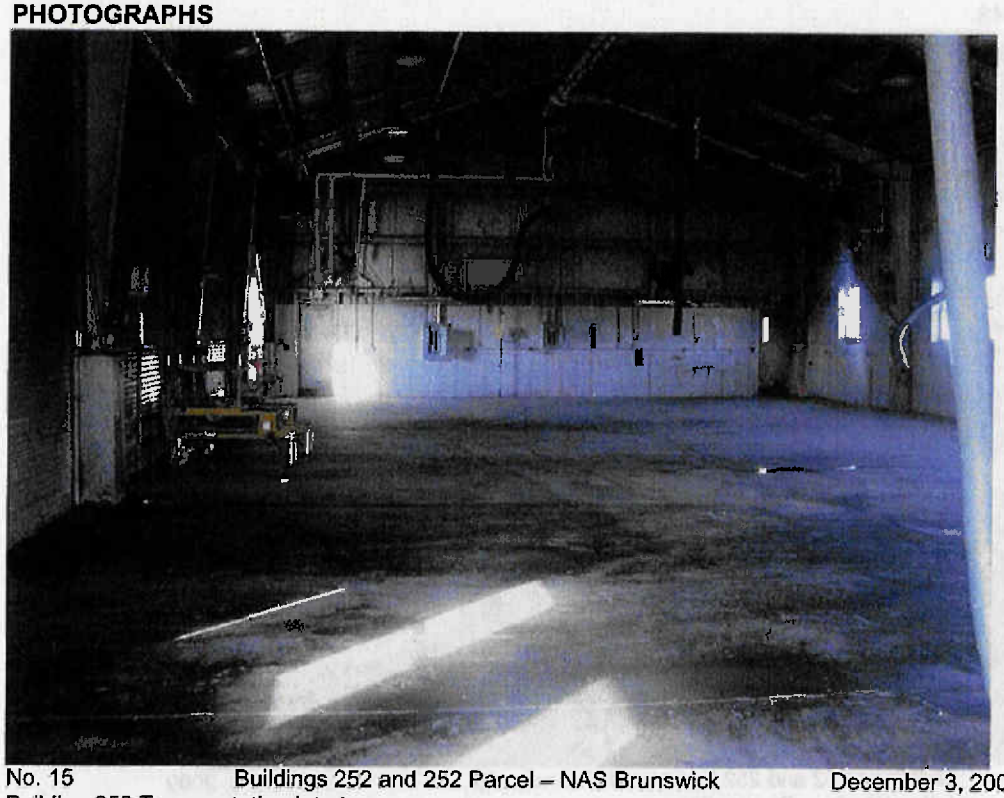


No. 13 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Interior – Battery Shop



No. 14 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Interior – Machine Shop

PHOTOGRAPHS

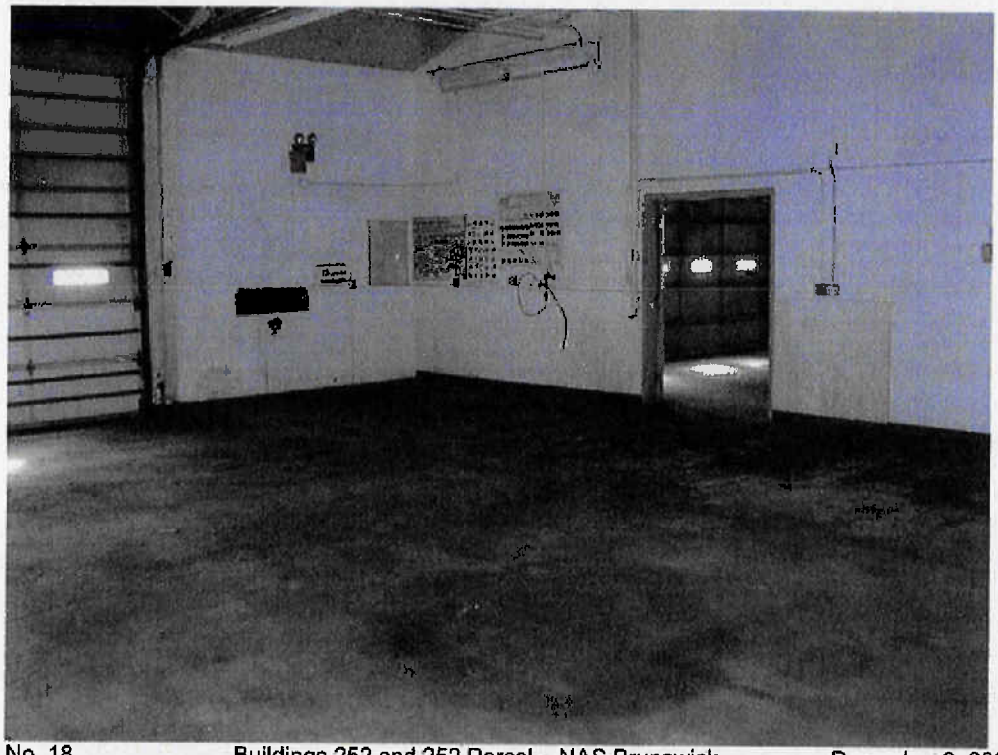


No. 15 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 252 Transportation Interior

No. 16 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Interior - Service Bays

PHOTOGRAPHS

No. 17 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Interior – Service Bays



No. 18 Buildings 252 and 252 Parcel – NAS Brunswick December 3, 2009
Building 225 Transportation Interior – Tire Shop