

**PRE-RENOVATION
LEAD-BASED PAINT INSPECTION REPORT**

FOR

**NIKE MISSILE SITE
ADMINISTRATION AND CONTROL AREA
AND
LAUNCH AREA
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA**

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SUMMARY

An inspection of paints and coatings at the former Nike Missile site at Everglades National Park was conducted by EE&G Environmental Services, LLC of Miami Lakes, Florida. The inspection had the following results:

LEAD-BASED PAINTS AND COATINGS

Lead was identified in amounts equal to or greater than 0.50% wt or 1 mg/cm² in the following paints:

Admin/Control Area

The interior of the Sign/Generator Building 190A had green and red wall paint, yellow header paint, and red paint on interior iron beams that were identified as LBP by XRF and Flame AAS. An exterior beige paint on the metal eve of the roof was also identified as LBP by the XRF.

The entire exterior and interior of the Interconnecting Building 190B was found to have a beige paint that was confirmed to be LBP. Additionally, yellow caution paint on the exterior concrete steps, red paint on exterior south side, and red paint on interior iron beams were confirmed to be LBP by XRF and Flame AAS.

The exterior of the Administration Building had beige paint on metal columns and yellow caution paint on a concrete sidewalk that were confirmed to be LBP.

The Water Pump House building was found to have brown LBP on its exterior wood header and soffit components, and a wood door jamb.

Launch Area

Many different components and paint colors were found to be LBP on the missile barns and fire-control bunkers at the site. In general, all the missile barns had LBP on the exterior and interior sides of the large metal barn doors and the associated door rail, rail guide, and support beams and columns. The metal exit doors also had LBP on both the exterior and interior, although there was an exception or two. The interior metal structural beams were found to be coated with LBP. Yellow paint, used to mark parking or signify caution was always found to be LBP.

Each missile barn had particular paints that were not associated with similar components in the other barns. These paints were:

Missile Barn A:	Red paint on concrete block on west wall near exit door.
Missile Barn B:	Red paint on concrete floor, and blue paint on concrete block wall.
Missile Barn C:	Orange and red paint on concrete block wall, and red paint on concrete floor.

Each fire-control bunker had either one or two manholes, which were covered with metal lids that were painted with yellow LBP. The exterior metal doors and interior metal doors and door

casings, and metal ladders were also found to have LBP, although the colors varied. The painted interiors of the fire-control bunkers also had particular components painted with LBP. These paints were:

Fire-control Bunker A:	Gray paint on interior concrete wall.
Fire-control Bunker B:	Blue paint on interior concrete wall.
Fire-control Bunker C:	Red paint on exterior concrete walls, yellow paint on ladder, green paint on wood rack.

Several components at the Missile Assembly building were identified as having LBP. The U.S. Army insignia on the exterior wall has beige and black paint that is LBP, and the paint on both the exterior metal garage doors and guide rails, yellow caution paint on bumpers and steps are LBP. Interior paints were also identified as LBP. The black paint on the interior sides of the metal garage doors and rails, yellow paint on a metal Air-conditioning vent grill, and the red and gray paint on the metal structural beams are LBP.

The Kennel building had exterior brown paint on window ledge, brown paint on metal door and door casing, and yellow paint on exterior wood trim that were identified as LBP by the XRF. It appeared that most of the components that had LBP had at one time been painted with yellow paint, which commonly contains lead.

Most of the LBP at the Launch Area were in good condition, although some were weathered to extremely thin coatings. Paint in the interiors of the fire-control bunkers was in poor condition and severely peeling. Any renovation that requires surface preparation and removal of LBP, such as peeling or blistering painted surfaces, will require the services of a qualified and certified EPA Lead Paint Contractor.

SECTION 1.0**INTRODUCTION**

A lead-based paint inspection of selected buildings was conducted at the former Nike Missile site, located in Everglades National Park in Homestead, Florida. The inspection was conducted on February 11, 16, and 17, 2010, by Hiram Aguiar and Dan Cottrell of EE&G Environmental Services, LLC (EE&G). Additional confirmatory sampling and inspection was conducted by Hiram Aguiar on August 9, 2010 in Missile Barn C and the Administration Building, and on August 24, 2010 at the Water Pump House at the Daniel Beard Center.

The purpose of this inspection was to identify the presence of lead-based paint (LBP) in the selected buildings at the Administration and Control Area, and the Launch Area of the former Nike Missile base. The lead inspection was conducted in preparation for scheduled restoration and renovation projects at the site. The buildings inspected were:

Administration and Control Area

- Sign/Generator Building 190A.
- Interconnecting Building 190 B.
- Workshop (exterior only).
- Administration Building (exterior only).
- Water Pump House (including exterior tank area).

Launch Area

- Three missile barns and their fire-control bunkers (designated as A, B, and C),
- Missile Assembly Building.
- Kennel Building.

SECTION 2.0

METHODS AND LIMITATIONS

2.1 FIELD METHODS

Accessible suspect LBP was measured or sampled using procedures established by the United States Department of Housing and Urban Development (HUD) Guidelines.

2.2 LABORATORY ANALYSIS METHODS

2.2.1 X-ray Fluorescence (XRF) Analysis for Lead in Paint

The inspection of paint was performed based on a modified version of the protocol established in the "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" by the Department of Housing and Urban Development (HUD) in June 1995. A portable spectrum analyzing XRF instrument, manufactured by Niton Corporation, was utilized to perform a limited LBP inspection of painted building components of the subject. The XRF serial number was 21205, and last date of calibration was May 15, 2009.

The XRF instrument performs a self-calibration test on startup. The calibration was then verified using a known standard from the United States Department of Commerce National Institute of Standards and Technology (NIST). QA/QC measurements were taken with the Level III (1.04 mg/cm²) NIST standard at the beginning and end of the inspection. XRF test results expressed lead concentrations in milligram per square centimeter (mg/cm²). The results were stored in the XRF for later retrieval in a spreadsheet format.

XRF testing locations, or testing combinations, were determined on site by an EPA Certified Lead-Based paint Inspector and the following factors; location (e.g. Building, Floor, Unit, Room), component (e.g. Wall, Ceiling, Door, Door Frame, Baseboard, etc.), substrate (e.g. Drywall, Concrete, Wood, Metal, etc.), and painting history (if available). An XRF reading was obtained from selected testing combinations.

2.2.2 Atomic Absorption Analysis for Lead in Paint

When readings from the XRF were inconclusive, a sample of the paint was submitted for analysis by Flame Atomic Absorption Spectrophotometry (AAS). Samples of inconclusive paint coatings were sent to EMSL Laboratory in Westmont, New Jersey, an American Industrial Hygiene Association (AIHA) Environmental Lead Laboratory Approval Program Laboratory, for bulk analysis by Flame AAS (Method SW 846, 7420) for total lead concentrations.

2.3 LIMITATIONS

This LBP report has been prepared by EE&G in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied, is made. EE&G's interpretations and recommendations are based upon the results of sample collection and analysis, as well as investigative/explorative work. EE&G is not responsible for the interpretation or use by others of data development pursuant to the compilation of this report.

The objective of this inspection was to identify and assess existing LBP components. The work was limited to the testing of representative paint coatings on the interior and exterior painted surfaces and to the number of tests that could feasibly be conducted due to accessibility and conditions as per agreement with the client.

The inspection method was based on current Housing and Urban Development (EPA/HUD) Guidelines (1990-1997) for LBP. However, sampling densities recommended in the EPA/HUD guidelines were not employed for this project because it was performed for renovation or due diligence purposes only. This report itself does not meet the testing and reporting requirements set forth by EPA/HUD.

Under no circumstances is this report to be utilized as a proposal or project specification document. The results and conclusions contained in this report pertain to conditions, operations, and practices observed at the time of the inspection. By this report, EE&G makes no representation or assumptions as to the nature of past conditions or future occurrences.

SECTION 3.0

INSPECTION RESULTS

The results of XRF analysis are included as tables in Appendix A. Flame AAS analysis of Lead in Paint Chips for total lead concentrations are attached in Appendix B.

3.1 LBP COMPONENTS

Painted surfaces with a result of 1.0 mg/cm² or greater are defined as LBP by the Environmental Protection Agency (EPA) and the United States (US) Department of Housing and Urban Development (HUD).

Lead was identified in amounts equal to or greater than 0.50% wt or 1 mg/cm² in the following materials:

Admin/Control Area

Sign/Generator Building 190A

- Green wall paint.
- Red wall paint.
- Red paint on metal support beams.
- Yellow paint on wood header.
- Beige paint on exterior metal eve.

Interconnecting Building 190 B

- Beige paint on exterior concrete block walls.
- Beige paint on interior concrete block walls.
- Yellow caution paint on exterior steps.
- Red paint on metal support beams.

Administrative Building (exterior only)

- Beige paint on metal columns.
- Yellow caution paint concrete sidewalk.

Water Pump House

- Brown paint on exterior wood door jamb.
- Brown paint on exterior wood header.
- Brown paint on exterior wood soffit.

Launch AreaMissile Barn A

- Pink paint on exterior sliding metal doors.
- Yellow caution paint on exterior wall (with black stripes).
- Pink paint on upper door rail guide beam.
- Pink paint on exterior support columns for rail guide beam.
- Gray paint on interior metal exit doors.
- Red paint on interior metal exit doors.
- Yellow paint on interior sliding metal doors.
- White paint on interior sliding metal doors.
- Red paint on concrete block on west wall near exit door.
- Gray paint on metal frame beams.
- Yellow paint on concrete driveway.

Fire-control Bunker A

- Yellow exterior paint on manhole covers.
- Gray paint on interior concrete wall.
- Red paint on interior metal door.

Missile Barn B

- Beige paint on exterior sliding metal doors.
- Yellow paint on door rail guide.
- Beige paint on upper door rail guide beam.
- Beige paint on exterior support columns for rail guide beam.
- Pink paint on exterior exit door casings.
- Pink paint on interior sliding metal doors.
- Beige and green paint on interior exit doors.
- Red paint on concrete floor.
- Blue paint on concrete block wall.
- Gray paint on metal frame beams.
- Yellow paint on concrete driveway.

Fire-control Bunker B

- Blue paint on interior concrete wall.
- Red paint on interior metal door.
- Gray paint on interior metal door casing.
- Yellow exterior paint on manhole cover.

Missile Barn C

- Beige paint on exterior sliding metal doors.
- Yellow paint on door rail guide.
- Beige paint on upper door rail guide beam.

- Beige paint on exterior support columns for rail guide beam.
- Orange paint on interior sliding metal doors.
- Black paint on interior sliding metal doors.
- Orange paint on interior metal exit doors.
- Red paint on interior concrete wall.
- Orange paint on interior concrete wall.
- Yellow paint on interior door rail base.
- Gray paint on metal frame beams.
- Red paint on concrete floor.
- Yellow paint on concrete driveway.

Fire-control Bunker C

- Yellow exterior paint on manhole covers.
- Red paint on exterior concrete walls.
- Red paint on metal door.
- Yellow paint on ladder.
- Green paint on wood rack.

Missile Assembly Building

- Beige paint on exterior wall (U.S. Army missile insignia).
- Black paint on exterior wall (U.S. Army missile insignia).
- Yellow paint on concrete bumper (with black stripes).
- Gray paint on exterior metal door and rails.
- Yellow paint on exterior steps (caution markings).
- Black paint on interior metal door and rails.
- Yellow paint on metal A/C vent.
- Red paint on interior metal frame beams.
- Gray paint on interior metal frame beams.

Kennel

- Brown paint on exterior window sill trim.
- Brown paint on metal door and casing.
- Yellow paint on wood exterior trim.

Refer to Appendices A and B for XRF and laboratory results.

3.2 NON-LBP COMPONENTS

3.2.1 Paints and Coatings with Reportable Levels of Lead

Reportable levels of lead were identified in the following materials:

Admin/Control Area

Sign/Generator Building 190A

- Beige paint on exterior concrete walls.
- Beige paint on wood trim.
- Brown paint on metal door.
- Blue paint on wood door.
- Green paint on plaster wall.
- Gray paint on wood window frame.

Interconnecting Building 190 B

- Brown paint on metal doors.
- White paint on wood door.
- Beige paint on metal rail door.
- Beige paint on metal eaves.

Administration Building (exterior only)

- Beige paint on exterior concrete block walls.
- Beige paint on exterior concrete beams and columns.
- Beige paint on exterior window ledges.
- White paint on upper exterior wall surface.
- Purple paint on exterior metal doors and door frames.
- Pink paint on exterior metal doors and door frames.

Water Pump House

- Brown paint on exterior wood doors.
- Brown paint on interior wood door.
- Grey paint on electrical panel box.
- Grey paint on concrete pump base.
- Grey paint on concrete floor.
- White paint on wood ceiling.
- White paint on wood beams.
- Brown paint on exterior wood soffit.
- Brown paint on exterior wood door frame.
- Beige paint on exterior water tanks.
- Beige paint on exterior walls.
- White paint on interior walls.
- Beige paint on exterior water tank.
- Beige paint on exterior water tank base.

Launch Area

Missile Barn A

- Black caution paint on exterior wall (with yellow stripes).
- Pink paint exterior concrete block walls.
- Pink paint on concrete foundation.

- Pink paint on exterior metal exit door.
- Beige paint on concrete block walls.
- Blue paint on concrete block walls.
- Green paint on concrete block walls.
- White paint on concrete block walls.
- Blue paint on electric panel.

Fire-control Bunker A

- Pink exterior paint on concrete manhole.
- Yellow paint on metal door.
- Red paint on wood door.
- Red paint on metal door casing.
- Beige paint on walls.
- Beige paint on ceiling.
- Green paint on ceiling.
- White paint on ceiling.
- Gray paint on metal door.

Missile Barn B

- Pink paint on exterior metal exit door.
- Red paint on concrete block wall.
- Blue paint on concrete block wall.

Fire-control Bunker B

- Red paint on wall.
- Red paint on ceiling.
- Gray paint on metal door casing.
- White paint on concrete wall.

Missile Barn C

- Beige paint on exterior concrete block walls.
- Beige paint on exterior metal exit doors.
- White paint on exterior concrete slab.
- Blue paint on concrete block wall.
- White paint on concrete block wall.
- Beige paint on concrete block wall.

Fire-control Bunker C

- Red paint on wood door.
- Green paint on metal door casing.
- Red paint on concrete wall.
- Yellow paint on concrete wall.
- Beige paint on concrete wall.

Missile Assembly Building

- Yellow paint on exterior wall (U.S. Army missile insignia).
- White paint on exterior wall (U.S. Army missile insignia).
- Brown paint on exterior metal door and door casing.
- Beige paint on exterior concrete block walls.
- Green paint on exterior concrete window frame.
- Blue on concrete block wall.
- Beige on concrete block wall.
- Green on concrete block wall.
- Yellow on concrete block wall.
- Purple on concrete block wall.
- Black on concrete block wall.
- Red on concrete block wall.
- White on concrete block wall.
- Black paint on wood door.
- Gray paint on metal rail door (interior).

Kennel

- Beige paint on exterior concrete block wall.
- White paint on exterior metal door.
- Beige paint on interior concrete block walls.
- Blue paint on interior concrete block walls.
- Blue paint on interior metal window frame.

Refer to Appendices A and B for XRF and laboratory results.

3.2.2 Paints and Coatings with No Reportable Level of Lead

Lead was not detected, or identified in any reportable quantity in the following materials:

Admin/Control AreaWorkshop Building

- Beige paint on exterior stucco.

Water Pump House

- Beige paint on exterior water pipes.
- Blue/green paint on exterior water pipe valves.

SECTION 4.0

RECOMMENDATIONS

4.1 RECOMMENDATIONS FOR LEAD-BASED PAINT

These materials must be considered prior to any activity that would release lead dust or fumes from this material. Specifically, any renovation or demolition activity that will crush, abrade, dissolve the matrix or any activity involving heating the material must be performed by workers in accordance with the US Department of Labor's Occupational Safety and Health Administration (OSHA) lead regulation, 29 CFR 1926.62 for removal of lead containing paint and has the ability to implement good housekeeping measures.

Prior to disposal of waste generated from materials identified as LBP, testing of the waste stream should be conducted using the Toxic Characteristic Leachate Procedure (TCLP) protocol to assess for leachable lead. Appropriate disposal of the materials can be determined based upon the content of leachable lead in segregated waste stream.

4.2 RECOMMENDATIONS FOR REPORTABLE CONCENTRATIONS OF LEAD

OSHA does not recognize a "safe" quantity of lead; therefore, any reportable amount of lead is a potential source of exposure to workers. These materials must be considered prior to any activity that would release lead dust or fumes from this material. Specifically, any renovation or demolition activity that will pulverize, crush, abrade, dissolve, or heat the material must be performed by workers in accordance with the OSHA standard for removal of lead-containing paint, who have the ability to implement good housekeeping measures. If these materials can remain intact during renovation or demolition, then no other special handling is required.

4.3 GENERAL RECOMMENDATIONS

If other specific areas at this location are to be impacted during planned renovations or demolition, a lead inspection of these areas will be required. Painted surfaces and coatings discovered after this inspection should be sampled and analyzed to determine lead content and to initiate appropriate responses.

4.4 OSHA COMPLIANCE

To comply with OSHA lead regulation 29 CFR 1926.62, this report should be made available to personnel that will conduct painting operations at this facility. This regulation considers coatings that contain measurable amounts of lead to be lead-based paint and mandates protective measures when a painting or demolition project involves the disturbance of painted components in such a way as to cause airborne emissions of lead particulate (sanding, scraping, grinding, etc.). These protective measures include: hazard communication training, personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Action Level (AL) of 30 micrograms per cubic meter as an eight-hour time weighted average (TWA). In lieu of the above protective measures, painting and or demolition personnel may provide objective

historical data from previous similar projects to demonstrate that the AL for lead will not be exceeded.

4.5 DISCLOSURE OF LBP HAZARDS

The Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as Title X, Section 1018 requires the disclosure to the purchaser or lessee of any known information on lead-based paint or lead-based paint hazards and provide to the purchaser or lessee any lead hazard evaluation reports available prior to the sale or lease of most housing built prior to 1978.

SECTION 5.0

SIGNATURE PAGE

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APPENDIX A

**XRF RESULTS
TABLES A1 THROUGH A10**

TABLE A1.1 Everglades National Park - Nike Missile Site Sign/Generator Building 190A

LEAD-BASED PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
CROSS BEAMS	METAL	D	CRACKED	RED	INTERIOR	GENERATOR 190A	Positive	4.6
EVE	METAL	A	CRACKED	BEIGE	EXTERIOR	GENERATOR 190A	Positive	2.6
EVE	METAL	A	CRACKED	BEIGE	EXTERIOR	GENERATOR 190A	Positive	1.5
		A = South	B = West			C = North	D = East	

TABLE A1.2 Everglades National Park - Nike Missile Site Sign/Generator Building 190A

LEAD-CONTAINING PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	A	PEELING	BEIGE	EXTERIOR	GENERATOR 190A	Negative	0.1
WALL	CONCRETE	B	PEELING	BEIGE	EXTERIOR	GENERATOR 190A	Negative	0.1
WALL	CONCRETE	C	PEELING	BEIGE	EXTERIOR	GENERATOR 190A	Negative	0.1
WALL	WOOD	D	PEELING	BEIGE	EXTERIOR	GENERATOR 190A	Negative	0.02
DOOR	METAL	A	CRACKED	BROWN	EXTERIOR	GENERATOR 190A	Negative	0.05
DOOR CASING	METAL	A	CRACKED	BROWN	EXTERIOR	GENERATOR 190A	Negative	0.02
DOOR CASING	WOOD	A	CRACKED	BLUE	INTERIOR	GENERATOR 190A	Negative	0.12
DOOR CASING	WOOD	A	CRACKED	BEIGE	INTERIOR	GENERATOR 190A	Negative	0.14
WALL	PLASTER	B	CRACKED	GREEN	INTERIOR	GENERATOR 190A	Negative	0.1
WINDOW FRAME	WOOD	D	CRACKED	GREY	INTERIOR	GENERATOR 190A	Negative	0.15
		A = South	B = West			C = North	D = East	

TABLE A2.1 Everglades National Park - Nike Missile Site Interconnecting Building 190B
LEAD-BASED PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	A	FAIR	BEIGE	EXTERIOR	190 B BLDG	Positive	1.3
WALL	CONCRETE	A	PEELING	BEIGE	EXTERIOR	190 B BLDG	Positive	1.1
WALL	CONCRETE	B	PEELING	BEIGE	SHOP	190 B BLDG	Positive	0.8
EVE	METAL	D	CRACKED	BEIGE	EXTERIOR	190 B BLDG	Positive	2.3
STEP	CONCRETE	A	CRACKED	YELLOW	EXTERIOR	190 B BLDG	Positive	2.5
STEP	CONCRETE	A	CRACKED	YELLOW	EXTERIOR	190 B BLDG	Positive	2.2
CROSS BEAMS	METAL	A	INTACT	ORANGE	SHOP	190 B BLDG	Positive	0.8
A = South		B = West		C = North		D = East		

TABLE A2.2 Everglades National Park - Nike Missile Site Interconnecting Building 190B
LEAD-CONTAINING PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	A	CRACKED	BEIGE	EXTERIOR	190 B BLDG	Negative	0.06
WALL	CONCRETE	B	CRACKED	BEIGE	EXTERIOR	190 B BLDG	Negative	0.06
WALL	CONCRETE	B	CRACKED	PINK	EXTERIOR	190 B BLDG	Negative	0.09
WALL	CONCRETE	C	CRACKED	BEIGE	EXTERIOR	190 B BLDG	Negative	0.06
WALL	CONCRETE	C	CRACKED	RED	EXTERIOR	190 B BLDG	Negative	0.03
DOOR	METAL	A	FAIR	BROWN	EXTERIOR	190 B BLDG	Negative	0.1
DOOR CASING	METAL	A	FAIR	BROWN	EXTERIOR	190 B BLDG	Negative	0.02
DOOR CASING	WOOD	A	FAIR	WHITE	STORAGE	190 B BLDG	Negative	0.02
DOOR CASING	METAL	C	FAIR	BROWN	EXTERIOR	190 B BLDG	Negative	0.02
DOOR	METAL	C	FAIR	BROWN	EXTERIOR	190 B BLDG	Negative	0.07
WALL	CONCRETE	D	PEELING	BEIGE	SHOP	190 B BLDG	Negative	0.02
RAIL DOOR	METAL	C	PEELING	BEIGE	SHOP	190 B BLDG	Negative	0.1
RAIL DOOR	METAL	C	PEELING	BEIGE	SHOP	190 B BLDG	Negative	0.26
DOOR	WOOD	A	CRACKED	BROWN	SHOP	190 B BLDG	Negative	0.02
DOOR CASING	WOOD	A	CRACKED	BEIGE	SHOP	190 B BLDG	Negative	0.09
WALL	CONCRETE	D	CRACKED	BEIGE	EXTERIOR	190 B BLDG	Negative	0.05
A = South		B = West		C = North		D = East		

TABLE A3.1

Everglades National Park - Nike Missile Site Work Shop Building

LEAD-CONTAINING PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	A	INTACT	BEIGE	OUTSIDE	WORK SHOP BLDG	Negative	0.02
WALL	CONCRETE	A	INTACT	BEIGE	OUTSIDE	WORK SHOP BLDG	Negative	0.02
WALL	CONCRETE	B	INTACT	BEIGE	OUTSIDE	WORK SHOP BLDG	Negative	0.11
WALL	CONCRETE	C	INTACT	BEIGE	OUTSIDE	WORK SHOP BLDG	Negative	0.02
RAIL DOOR	METAL	A	INTACT	WHITE	OUTSIDE	WORK SHOP BLDG	Negative	0.02
WOOD TRIM DOOR	WOOD	A	INTACT	BEIGE	OUTSIDE	WORK SHOP BLDG	Negative	0.02
A = South		B = West		C = North		D = East		

TABLE A4.1 Everglades National Park - Nike Missile Site Administration Building

LEAD-BASED PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
COLUMN	METAL	C	PEELING	BEIGE	EXTERIOR	DANIEL B CENTER	Positive	10.9
COLUMN	METAL	C	PEELING	BEIGE	EXTERIOR	DANIEL B CENTER	Positive	12.5
FLOOR	CONCRETE	C	FAIR	YELLOW	EXTERIOR	DANIEL B CENTER	Positive	1.7
FLOOR	CONCRETE	C	PEELING	YELLOW	EXTERIOR	DANIEL B CENTER	Positive	1.4
			A = South	B = West	C = North	D = East		

TABLE A4.2 Everglades National Park - Nike Missile Site Administration Building

LEAD-CONTAINING PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.01
WALL	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.01
WALL	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.03
DOOR	METAL	A	INTACT	PURPLE	EXTERIOR	DANIEL B CENTER	Negative	0.02
DOOR	METAL	A	INTACT	PURPLE	EXTERIOR	DANIEL B CENTER	Negative	0
COLUMN	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0
BEAM	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0
WINDOW LEDGE	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.02
WINDOW LEDGE	CONCRETE	A	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.02
WALL UPPER	CONCRETE	A	INTACT	WHITE	EXTERIOR	DANIEL B CENTER	Negative	0.02
WALL	CONCRETE	B	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.02
WALL	CONCRETE	B	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.04
WINDOW LEDGE	CONCRETE	C	INTACT	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.04
DOOR	METAL	C	INTACT	PURPLE	EXTERIOR	DANIEL B CENTER	Negative	0.01
DOOR FRAME	METAL	C	INTACT	PURPLE	EXTERIOR	DANIEL B CENTER	Negative	0.04
WALL	CONCRETE	C	FAIR	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.01
WALL	CONCRETE	C	FAIR	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.04
DOOR	METAL	C	FAIR	PINK	EXTERIOR	DANIEL B CENTER	Negative	0
DOOR FRAME	METAL	C	FAIR	PINK	EXTERIOR	DANIEL B CENTER	Negative	0.01
COLUMN	METAL	D	PEELING	BROWN	EXTERIOR	DANIEL B CENTER	Negative	0
WALL UPPER	CONCRETE	C	FAIR	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0
WALL UPPER	CONCRETE	C	FAIR	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0
WALL	CONCRETE	D	FAIR	BEIGE	EXTERIOR	DANIEL B CENTER	Negative	0.03

TABLE A5.1 Everglades National Park - Nike Missile Site Water Pump House Building
LEAD-BASED PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
DOOR JAMB	WOOD	A	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Positive	1.3
HEADER	WOOD	A	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Positive	6.1
SOFFIT	WOOD	D	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Positive	4
HEADER	WOOD	A	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Positive	5.9
A = North		B = East		C = South		D = West		

TABLE A5.2 Everglades National Park - Nike Missile Site Water Pump House Building
LEAD-CONTAINING PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
DOOR	WOOD	A	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Negative	0.08
DOOR	WOOD	A	CRACKED	BROWN	INTERIOR	PUMP HOUSE	Negative	0.05
DOOR	WOOD	A	CRACKED	BROWN	INTERIOR	PUMP HOUSE	Negative	0.27
ELEC BOX	METAL	A	CRACKED	GREY	INTERIOR	PUMP HOUSE	Negative	0.01
ELEC BOX	METAL	A	CRACKED	GREY	INTERIOR	PUMP HOUSE	Negative	0.01
PUMP BASE	CONCRETE	A	CRACKED	GREY	INTERIOR	PUMP HOUSE	Negative	0
FLOOR	CONCRETE	A	CRACKED	GREY	INTERIOR	PUMP HOUSE	Negative	0.01
CEILING	WOOD	A	CRACKED	WHITE	INTERIOR	PUMP HOUSE	Negative	0.11
BEAMS	WOOD	A	CRACKED	WHITE	INTERIOR	PUMP HOUSE	Negative	0.09
SOFFIT	WOOD	A	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Negative	0
DOOR	WOOD	D	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Negative	0.01
DOOR FRAME	WOOD	D	CRACKED	BROWN	EXTERIOR	PUMP HOUSE	Negative	0
WATER TANK	METAL	C	PEELING	BEIGE	EXTERIOR	PUMP HOUSE	Negative	0.2
WATER TANK	METAL	C	PEELING	BEIGE	EXTERIOR	PUMP HOUSE	Negative	0.24
A = North		B = East		C = South		D = West		

TABLE A6.1 Everglades National Park - Nike Missile Site Barn A and Bunker A

LEAD-BASED PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
DOOR	METAL	A	PEELING	PINK	EXTERIOR	BARN A	Positive	3
WALL	CONCRETE	A	PEELING	YELLOW	EXTERIOR	BARN A	Positive	1.5
DOOR CASING	METAL	D	CHALKING	GREY	INTERIOR	BARN A	Positive	1.4
DOOR CASING	METAL	D	CHALKING	GREY	INTERIOR	BARN A	Positive	4.1
DOOR CASING	METAL	B	CHALKING	GREY	INTERIOR	BARN A	Positive	1.5
DOOR	METAL	B	CHALKING	GREY	INTERIOR	BARN A	Positive	2.5
DOOR	METAL	A	CHALKING	YELLOW	INTERIOR	BARN A	Positive	2.1
DOOR	METAL	A	CHALKING	WHITE	INTERIOR	BARN A	Positive	1.6
DOOR	METAL	A	CHALKING	RED	INTERIOR	BARN A	Positive	4.5
WALL	CONCRETE	B	PEELING	RED	INTERIOR	BARN A	Positive	2.4
BEAMS	METAL	B	INTACT	GREY	INTERIOR	BARN A	Positive	8.4
FLOOR C LINE	CONCRETE	A	INTACT	YELLOW	INTERIOR	BARN A	Positive	1.9
BEAM	METAL	A	INTACT	PINK	INTERIOR	BARN A	Positive	5.4
BEAM SUPPORT	METAL	A	INTACT	PINK	EXTERIOR	BARN A	Positive	11.6
MH COVER	METAL	A	INTACT	YELLOW	EXTERIOR	BARN A	Positive	7
WALL	CONCRETE	D	INTACT	GREY	INTERIOR	BUNKER A	Positive	2.4
DOOR	METAL	D	INTACT	RED	INTERIOR	BUNKER A	Positive	2.2
WALL	CONCRETE	D	PEELING	GREY	INTERIOR	BUNKER A	Positive	2.1
A = South		B = West		C = North		D = East		

TABLE A6.2 Everglades National Park - Nike Missile Site Barn A and Bunker A

LEAD-CONTAINING PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	B	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.02
FOUNDATION	CONCRETE	B	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.01
WALL	CONCRETE	C	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.04
WALL	CONCRETE	D	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.02
WALL	CONCRETE	D	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.03
DOOR	METAL	B	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.2
DOOR CASING	METAL	B	CHALKING	PINK	EXTERIOR	BARN A	Negative	0.09
WALL	CONCRETE	B	PEELING	BEIGE	INTERIOR	BARN A	Negative	0.18
WALL	CONCRETE	B	PEELING	BLUE	INTERIOR	BARN A	Negative	0.13
WALL	CONCRETE	B	PEELING	GREEN	INTERIOR	BARN A	Negative	0.25
WALL	CONCRETE	C	PEELING	WHITE	INTERIOR	BARN A	Negative	0.03
ELEC. PANEL	METAL	C	INTACT	BLUE	INTERIOR	BARN A	Negative	0.01
MH COVER	CONCRETE	D	INTACT	PINK	EXTERIOR	BUNKER A	Negative	0.04
DOOR	METAL	D	INTACT	YELLOW	EXTERIOR	BUNKER A	Negative	0.03
DOOR	WOOD	D	INTACT	RED	INTERIOR	BUNKER A	Negative	0.05
DOOR CASING	METAL	D	INTACT	RED	INTERIOR	BUNKER A	Negative	0.18
WALL	CONCRETE	D	INTACT	BEIGE	INTERIOR	BUNKER A	Negative	0.03
CEILING	CONCRETE	D	INTACT	BEIGE	INTERIOR	BUNKER A	Negative	0.03
CEILING	CONCRETE	D	INTACT	GREEN	INTERIOR	BUNKER A	Negative	0.07
CEILING	CONCRETE	D	INTACT	WHITE	INTERIOR	BUNKER A	Negative	0.11
DOOR	METAL	D	INTACT	GREY	INTERIOR	BUNKER A	Negative	0.4
DOOR	METAL	D	INTACT	GREY	INTERIOR	BUNKER A	Negative	0.6
A = South		B = West		C = North		D = East		

TABLE A7.1 **Everglades National Park - Nike Missile Site Barn B and Bunker B**
LEAD-BASED PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
DOOR	METAL	A	PEELING	BEIGE	EXTERIOR	BARN B	Positive	3.7
DOOR CASING	METAL	D	CRACKED	PINK	EXTERIOR	BARN B	Positive	1
DOOR RAIL BASE	METAL	D	CRACKED	YELLOW	EXTERIOR	BARN B	Positive	2
BEAMS	METAL	A	CRACKED	PINK	EXTERIOR	BARN B	Positive	6.2
BEAMS	METAL	A	CRACKED	PINK	EXTERIOR	BARN B	Positive	6.1
DOOR	METAL	A	PEELING	PINK	INTERIOR	BARN B	Positive	1.8
DOOR	METAL	B	PEELING	GREEN	INTERIOR	BARN B	Positive	2.4
DOOR CASING	METAL	B	PEELING	GREEN	INTERIOR	BARN B	Positive	3.2
DOOR CASING	METAL	D	PEELING	BEIGE	INTERIOR	BARN B	Positive	1.8
DOOR	METAL	D	PEELING	BEIGE	INTERIOR	BARN B	Positive	1.6
BEAMS	METAL	A	INTACT	GREY	INTERIOR	BARN B	Positive	12.6
FLOOR C LINE	CONCRETE	A	INTACT	YELLOW	INTERIOR	BARN B	Positive	3.5
SUPPORT	METAL	A	CRACKED	BEIGE	EXTERIOR	BARN B	Positive	10.3
WALL	CONCRETE	D	PEELING	BLUE	INTERIOR	BUNKER B	Positive	2.2
DOOR	METAL	D	PEELING	RED	INTERIOR	BUNKER B	Positive	1.2
DOOR CASING	METAL	D	PEELING	GREY	INTERIOR	BUNKER B	Positive	2.6
MH COVER	CONCRETE	B	PEELING	YELLOW	INTERIOR	BUNKER B	Positive	3.9
A = South		B = West		C = North		D = East		

TABLE A7.2 **Everglades National Park - Nike Missile Site Barn B and Bunker B**
LEAD-CONTAINING PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	A	CHALKING	BEIGE	EXTERIOR	BARN B	Negative	-0.05
WALL	CONCRETE	B	CHALKING	BEIGE	EXTERIOR	BARN B	Negative	0.05
COLUMN	CONCRETE	B	CHALKING	BEIGE	EXTERIOR	BARN B	Negative	0.06
DOOR	METAL	D	CRACKED	PINK	EXTERIOR	BARN B	Negative	0.5
WALL	CONCRETE	A	PEELING	RED	INTERIOR	BARN B	Negative	0.23
WALL	CONCRETE	D	PEELING	RED	INTERIOR	BUNKER B	Negative	0.22
DOOR CASING	METAL	D	PEELING	GREY	INTERIOR	BUNKER B	Negative	0.9
WALL	CONCRETE	B	PEELING	WHITE	INTERIOR	BUNKER B	Negative	0.03
A = South		B = West		C = North		D = East		

TABLE A8.1

Everglades National Park - Nike Missile Site Barn C and Bunker C

LEAD-BASED PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
MH COVER	METAL	D	PEELING	YELLOW	EXTERIOR	BUNKER C	Positive	6.2
MH COVER	METAL	D	PEELING	YELLOW	EXTERIOR	BUNKER C	Positive	2.2
WALL	CONCRETE	D	PEELING	RED	EXTERIOR	BUNKER C	Positive	3.4
WALL	CONCRETE	D	PEELING	RED	EXTERIOR	BUNKER C	Positive	2.9
DOOR	METAL	D	PEELING	RED	EXTERIOR	BUNKER C	Positive	1.6
LADDER	METAL	D	INTACT	YELLOW	INTERIOR	BUNKER C	Positive	1.5
DOOR	METAL	D	INTACT	RED	INTERIOR	BUNKER C	Positive	1.5
DOOR CASING	METAL	D	INTACT	RED	INTERIOR	BUNKER C	Positive	1.6
RACK	WOOD	D	INTACT	GREEN	INTERIOR	BUNKER C	Positive	5.2
DOOR	METAL	D	INTACT	BEIGE	EXTERIOR	BARN C	Positive	3.9
DOOR BASE	METAL	D	INTACT	YELLOW	EXTERIOR	BARN C	Positive	2
BEAM	METAL	D	INTACT	BEIGE	EXTERIOR	BARN C	Positive	2.4
BEAM SUPPORT	METAL	D	INTACT	BEIGE	EXTERIOR	BARN C	Positive	12.6
CAUTION LINE	CONCRETE	A	CHALKING	YELLOW	EXTERIOR	BARN C	Positive	2.8
BEAMS	METAL	A	INTACT	ORANGE	INTERIOR	BARN C	Positive	2.6
RAIL DOORS	METAL	A	INTACT	ORANGE	INTERIOR	BARN C	Positive	2
RAIL DOORS	METAL	A	INTACT	BLACK	INTERIOR	BARN C	Positive	5.3
DOOR	METAL	B	INTACT	ORANGE	INTERIOR	BARN C	Positive	1
DOOR	METAL	D	INTACT	ORANGE	INTERIOR	BARN C	Positive	1.5
FLOOR	CONCRETE	D	INTACT	RED	INTERIOR	BARN C	Positive	6.2
DOOR RB	METAL	A	INTACT	YELLOW	INTERIOR	BARN C	Positive	2.6
BEAMS	METAL	A	INTACT	GREY	INTERIOR	BARN C	Positive	20
WALL	CONCRETE	C	PEELING	RED	INTERIOR	BARN C	Positive	1.1
WALL	CONCRETE	D	PEELING	RED	INTERIOR	BARN C	Positive	1.6
WALL	CONCRETE	C	PEELING	ORANGE	INTERIOR	BARN C	Positive	2
A = South			B = West		C = North		D = East	

TABLE A8.2

Everglades National Park - Nike Missile Site Barn C and Bunker C

LEAD-CONTAINING PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
DOOR	WOOD	D	PEELING	RED	INTERIOR	BUNKER C	Negative	0.7
DOOR CASING	METAL	D	PEELING	GREEN	INTERIOR	BUNKER C	Negative	0.4
WALL	CONCRETE	D	PEELING	YELLOW	INTERIOR	BUNKER C	Negative	0.08
WALL	CONCRETE	D	PEELING	YELLOW	INTERIOR	BUNKER C	Negative	0.06
WALL	CONCRETE	D	PEELING	BEIGE	INTERIOR	BUNKER C	Negative	-0.12
WALL	CONCRETE	D	INTACT	GREEN	INTERIOR	BUNKER C	Negative	0.5
DOOR	METAL	D	INTACT	BEIGE	EXTERIOR	BARN C	Negative	-0.52
BEAM	METAL	D	INTACT	BEIGE	EXTERIOR	BARN C	Negative	0.16
BEAM	METAL	D	INTACT	BEIGE	EXTERIOR	BARN C	Negative	0.17
WALL	CONCRETE	D	INTACT	BEIGE	EXTERIOR	BARN C	Negative	0.03
WALL	CONCRETE	B	INTACT	BEIGE	EXTERIOR	BARN C	Negative	0.04
DOOR	METAL	B	CHALKING	BEIGE	EXTERIOR	BARN C	Negative	0.05
DOOR CASING	METAL	B	CHALKING	BEIGE	EXTERIOR	BARN C	Negative	0.7
DOOR CASING	METAL	D	CHALKING	BEIGE	EXTERIOR	BARN C	Negative	0.26
WALL	CONCRETE	A	CHALKING	BEIGE	EXTERIOR	BARN C	Negative	0.03
FLOOR FOUNDATION	CONCRETE	A	CHALKING	BEIGE	EXTERIOR	BARN C	Negative	0.21
CAUTION LINE	CONCRETE	A	CHALKING	WHITE	EXTERIOR	BARN C	Negative	-0.41
DOOR LOCK	METAL	B	INTACT	RED	INTERIOR	BARN C	Negative	0.18
DOOR CASING	METAL	B	INTACT	ORANGE	INTERIOR	BARN C	Negative	0.9
DOOR CASING	METAL	D	INTACT	ORANGE	INTERIOR	BARN C	Negative	0.8
BEAMS	METAL	A	INTACT	GREY	INTERIOR	BARN C	Negative	0.21
BEAMS	METAL	A	INTACT	GREY	INTERIOR	BARN C	Negative	0.5
BEAMS	METAL	A	INTACT	GREY	INTERIOR	BARN C	Negative	0.2
WALL	CONCRETE	C	PEELING	RED	INTERIOR	BARN C	Negative	0.07
WALL	CONCRETE	C	PEELING	BLUE	INTERIOR	BARN C	Negative	0.04
WALL	CONCRETE	C	PEELING	WHITE	INTERIOR	BARN C	Negative	0.01
WALL	CONCRETE	C	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
WALL	CONCRETE	D	PEELING	ORANGE	INTERIOR	BARN C	Negative	0.6
WALL	CONCRETE	C	PEELING	ORANGE	INTERIOR	BARN C	Negative	0.5
WALL	CONCRETE	A	PEELING	BEIGE	INTERIOR	BARN C	Negative	0.01
WALL	CONCRETE	A	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
WALL	CONCRETE	A	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
WALL	CONCRETE	B	PEELING	BEIGE	INTERIOR	BARN C	Negative	0.01
WALL	CONCRETE	C	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
WALL	CONCRETE	D	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
WALL	CONCRETE	D	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
WALL	CONCRETE	A	PEELING	BEIGE	INTERIOR	BARN C	Negative	0
A = South			B = West		C = North		D = East	

TABLE A9.1

Everglades National Park - Nike Missile Site Assembly Building

LEAD-BASED PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	C	CRACKED	BEIGE	EXTERIOR	ASSEMBLY BLDG	Positive	1.8
WALL	CONCRETE	C	CRACKED	BLACK	EXTERIOR	ASSEMBLY BLDG	Positive	1.5
WALL	CONCRETE	C	CRACKED	BLACK	EXTERIOR	ASSEMBLY BLDG	Positive	1.1
BUMPER GUARD	CONCRETE	C	CRACKED	YELLOW	EXTERIOR	ASSEMBLY BLDG	Positive	1.4
CAUTION STRIPE	CONCRETE	B	PEELING	YELLOW	EXTERIOR	ASSEMBLY BLDG	Positive	3.7
RAIL DOORS CASING	METAL	B	PEELING	BLACK	INTERIOR	ASSEMBLY BLDG	Positive	1.6
AC VENT	METAL	A	PEELING	YELLOW	INTERIOR	ASSEMBLY BLDG	Positive	6.3
RED IRON	METAL	A	INTACT	RED	INTERIOR	ASSEMBLY BLDG	Positive	5.6
BEAMS	METAL	A	INTACT	GREY	INTERIOR	ASSEMBLY BLDG	Positive	16.6
			A = South	B = West	C = North			
							D = North	

TABLE A9.2

Everglades National Park - Nike Missile Site Assembly Building

LEAD-CONTAINING PAINT

Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WALL	CONCRETE	B	PEELING	BLUE	INTERIOR	ASSEMBLY BLDG	Negative	0.6
WALL	CONCRETE	A	PEELING	BLUE	INTERIOR	ASSEMBLY BLDG	Negative	0.6
WALL	CONCRETE	C	PEELING	BEIGE	INTERIOR	ASSEMBLY BLDG	Negative	0.01
DOOR CASING	WOOD	D	PEELING	BLACK	INTERIOR	ASSEMBLY BLDG	Negative	0.24
WALL	CONCRETE	B	PEELING	BLUE	INTERIOR	ASSEMBLY BLDG	Negative	0
WALL	CONCRETE	B	PEELING	GREEN	INTERIOR	ASSEMBLY BLDG	Negative	0.13
WALL	CONCRETE	B	PEELING	BEIGE	INTERIOR	ASSEMBLY BLDG	Negative	0
WALL	CONCRETE	B	PEELING	YELLOW	INTERIOR	ASSEMBLY BLDG	Negative	0
WALL	CONCRETE	B	PEELING	PURPLE	INTERIOR	ASSEMBLY BLDG	Negative	-0.04
WALL	CONCRETE	B	PEELING	BLACK	INTERIOR	ASSEMBLY BLDG	Negative	0.07
WALL	CONCRETE	B	PEELING	RED	INTERIOR	ASSEMBLY BLDG	Negative	0.07
RAIL DOORS CASING	CONCRETE	B	PEELING	BLACK	INTERIOR	ASSEMBLY BLDG	Negative	0.06
RAIL DOORS	METAL	C	PEELING	GREY	INTERIOR	ASSEMBLY BLDG	Negative	0.09
RAIL DOORS	METAL	C	PEELING	GREY	INTERIOR	ASSEMBLY BLDG	Negative	0.16
RAIL DOORS	METAL	A	PEELING	GREY	INTERIOR	ASSEMBLY BLDG	Negative	0.08
WALL	CONCRETE	C	PEELING	YELLOW	EXTERIOR	ASSEMBLY BLDG	Negative	0.17
WALL	CONCRETE	C	CRACKED	WHITE	EXTERIOR	ASSEMBLY BLDG	Negative	0.04
BUMPER GUARD	CONCRETE	C	CRACKED	YELLOW	EXTERIOR	ASSEMBLY BLDG	Negative	0.23
DOOR	METAL	B	PEELING	BROWN	EXTERIOR	ASSEMBLY BLDG	Negative	0.1
DOOR CASING	METAL	B	PEELING	BROWN	EXTERIOR	ASSEMBLY BLDG	Negative	0
WALL	CONCRETE	B	PEELING	BEIGE	EXTERIOR	ASSEMBLY BLDG	Negative	0.01
WALL	CONCRETE	B	PEELING	BEIGE	EXTERIOR	ASSEMBLY BLDG	Negative	0.02
WINDOW LEDGE	CONCRETE	A	PEELING	GREEN	EXTERIOR	ASSEMBLY BLDG	Negative	0.04
			A = South	B = West	C = North			
							D = North	

TABLE A10.1 Everglades National Park - Nike Missile Site Kennel Building

LEAD-BASED PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WINDOW LEDGE	CONCRETE	C	PEELING	BROWN	EXTERIOR	KENNEL BLDG	Positive	6.1
WINDOW LEDGE	CONCRETE	B	PEELING	BROWN	EXTERIOR	KENNEL BLDG	Positive	3.2
DOOR CASING	METAL	A	CHALKING	BROWN	EXTERIOR	KENNEL BLDG	Positive	1.7
	A = South		B = West		C = North		D = East	

TABLE A10.2 Everglades National Park - Nike Missile Site Kennel Building

LEAD-CONTAINING PAINT								
Component	Substrate	Side	Condition	Color	Room	Bldg	Results	PbC
WINDOW LEDGE	CONCRETE	A	PEELING	BEIGE	EXTERIOR	KENNEL BLDG	Negative	0.07
WINDOW LEDGE	CONCRETE	B	PEELING	BEIGE	EXTERIOR	KENNEL BLDG	Negative	0
WALL	CONCRETE	C	PEELING	BEIGE	EXTERIOR	KENNEL BLDG	Negative	0.01
WALL	CONCRETE	B	PEELING	BEIGE	EXTERIOR	KENNEL BLDG	Negative	0.01
DOOR	METAL	A	CHALKING	WHITE	EXTERIOR	KENNEL BLDG	Negative	0
WALL	CONCRETE	A	CHALKING	BEIGE	EXTERIOR	KENNEL BLDG	Negative	0.2
WALL	CONCRETE	C	CHALKING	BEIGE	EXTERIOR	KENNEL BLDG	Negative	-0.15
WINDOW LEDGE	CONCRETE	C	CHALKING	BEIGE	INTERIOR	KENNEL BLDG	Negative	-0.09
WINDOW	METAL	C	CHALKING	BLUE	INTERIOR	KENNEL BLDG	Negative	-0.55
WALL	CONCRETE	C	PEELING	BLUE	INTERIOR	KENNEL BLDG	Negative	0.6
	A = South		B = West		C = North		D = East	

APPENDIX B

**LABORATORY ANALYSIS RESULTS
LEAD IN PAINT CHIPS BY FLAME AAS
(SW 846 3050B/7000B)**

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800

Fax: (856) 858-9551

Email: westmontleadlab@emsl.com

Attn: **Hiram Aguiar**
EE & G
14505 Commerce Way
Suite 400
Miami Lakes, FL 33016

Customer ID: EEG50

Customer PO:

Received: 02/15/10 10:07 AM

EMSL Order: 201001539

Fax: (305) 374-1666

Phone: (305) 374-8300

Project: **E.N.P Nike Missile Site 2009-2333**

EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
1- Green Int.Paint	0001	2/16/2010		0.50 % wt
	N.CBS Wall-Sign Bldg			
2- Red	0002	2/16/2010		0.68 % wt
	N.CBS Wall-Sign Bldg			
3- Beige	0003	2/16/2010		0.24 % wt
	S.Plaster Wall-Sign Bldg			
4- Yellow	0004	2/16/2010		2.7 % wt
	E.Woodheader-Sign Bldg			
5- Red	0005	2/16/2010		0.72 % wt
	S.CBS Wall Ext.-190B Bldg			

Julie Smith - Laboratory Director or other approved
signatory
NJ-NELAP Accredited:04653
or other approved signatory

Reporting limit is 0.01 % wt. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

* slight modifications to methods applied Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. 3 Cooper St., WestmontNJ NJ-NELAP: 04653, AIHA-LAP, LLC. ELLAP Accreditation 100194

EMSL ANALYTICAL

CHAIN OF CUSTODY

2001539

LEAD

EMSL Rep:

Your Company Name:

Street:

Box #:

City/State:

Phone Results to:

Name:

Telephone #:

Project

Name/Number:

DATE:

EMSL-Bill to:

Street:

Box #:

City/State:

Zip:

Fax Results to:

Name:

Fax #:

Purchase

Order #:

Hiram Aguilar
2009-1333
E. N. P. NICK MISSILE
SITE

MATRIX	METHOD	INSTRUMENT	mdls	TAT
Lead Chips*	SW846-7420 or AOAC 5.009 (974.02)	Flame Atomic Absorption	0.01% ++	24 HRS
Lead Wastewater	SW846-7420	Flame Atomic Absorption	0.4 mg/l water 50 mg/kg (ppm) soil	
Lead Soil +	or SW846-6010	ICP	0.1 mg/l water 10 mg/kg (ppm) soil	
Lead in Air***	NIOSH 7082 or NIOSH 7300	Flame Atomic Absorption ICP	5 ug/filter 3.0 ug/filter	
Lead in Wipe	SW846-7420 or SW846-6010	Flame Atomic Absorption ICP	10 ug/wipe 3.0 ug/wipe	
TCLP Lead **	SW846-1311/7420 or SW846-6010	Flame Atomic Absorption ICP	0.4 mg/l (ppm) 0.1 mg/l (ppm)	
Lead in Air ****	NIOSH 7105	Graphite Furnace Atomic Absorption	0.03 ug/filter	
Lead Wastewater	SW846-7421	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm) water 0.3 mg/kg (ppm) soil	
Lead Soil +				
Lead in Drinking Water (check state Certification Requirements)	EPA 239.2	Graphite Furnace Atomic Absorption	0.003 mg/l (ppm)	
Total Dust	NIOSH 0500-0600	Gravimetric Reduction	0.0001g	

TAT (Turnaround) - 3 hours, 6 hours, Please call ahead to schedule.

12 hours (must arrive by 11:00 a.m).

24 hours (1 day), 48 hours (2 days), 72 hours, 96 hours (3 days), 120 hours (4 days), 144 + hours (6-10 days)

* * * * * +, ++ Please Refer to Price Quote

SAMPLE #	LOCATION	Air volume, L Area, in ²	LAB #
1- Green Int. Paint	N. CBS Wall - Sign Bldg		01539-1
2 Red	N. CBS Wall - Sign		2
3 Beige	S. Plastic Wall - Sign		?
4 Yellow	E. Wood Head - Sign		?
5 Red	S. CBS - Wall ext. 190 Bldg		?

Relinquished By: (Person) Date:

Received at EMSL By: Date:

Note: Please duplicate this form and use additional sheets if necessary.

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800

Fax: (856) 858-9551

Email: westmontleadlab@emsl.com

Attn: **Hiram Aguiar**
EE & G
14505 Commerce Way
Suite 400
Miami Lakes, FL 33016

Customer ID: EEG50
Customer PO:
Received: 08/25/10 10:53 AM
EMSL Order: 201011892

Fax: Phone: (305) 374-8300

Project: **2009-2333/ Daniel Beard- Pump House**

EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	Lab ID	Collected	Analyzed	Lead Concentration
1	0001 Site: Ext. N. Wall Desc: Beige Paint	8/26/2010		0.086 % wt
2	0002 Site: Ext. W. Wall Desc: Beige Paint	8/26/2010		0.16 % wt
3	0003 Site: Int. S. Wall Desc: White Paint	8/26/2010		0.013 % wt
4	0004 Site: Int. N. Wall Desc: White Paint	8/26/2010		0.011 % wt
5	0005 Site: Ext. Water Tank Desc: Beige Paint	8/26/2010		0.027 % wt
6	0006 Site: Ext. Tank Base Desc: Beige Paint	8/26/2010		0.14 % wt
7	0007 Site: Ext. Pipes Desc: Beige Paint	8/26/2010		<0.010 % wt
8	0008 Site: Ext. Valves Desc: Blue/Green Paint	8/26/2010		<0.011 % wt

Initial report from 08/26/2010 16:49:23

Shannon Kauffman, Lead Lab Supervisor
or other approved signatory

Reporting limit is 0.01 % wt. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

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Samples analyzed by EMSL Analytical, Inc. 3 Cooper St., Westmont NJ NJ-NELAP: 04653, AIHA-LAP, LLC. ELLAP Accreditation 100194

EMSL ANALYTICAL

CHAIN OF CUSTODY

2.10.11892

LEAD

EMSL Rep:

Your Company Name:

Street:

Box #:

City/State:

Phone Results to:

Name:

Telephone #:

Project:

Name/Number:

DATE: 8-24-10

EMSL-Bill to:

Street:

Box #:

City/State:

Zip:

Fax Results to:

Name:

Fax #:

Purchase

Order #:

MATRIX

METHOD

INSTRUMENT

mdls

TAT

Lead Chips*

SW846-7420 or
AOAC 5.009 (974.02)

Flame Atomic Absorption

0.01% ++

24

Lead Wastewater

SW846-7420

Flame Atomic Absorption

0.4 mg/l water

Lead Soil +

or SW846-6010

ICP

50 mg/kg (ppm) soil

Lead in Air***

NIOSH 7082

Flame Atomic Absorption

5 ug/filter

or NIOSH 7300

ICP

3.0 ug/filter

Lead in Wipe

SW846-7420

Flame Atomic Absorption

10 ug/wipe

or SW846-6010

ICP

3.0 ug/wipe

TCLP Lead **

SW846-1311/7420

Flame Atomic Absorption

0.4 mg/l (ppm)

or SW846-6010

ICP

0.1 mg/l (ppm)

Lead in Air****

NIOSH 7105

Graphite Furnace Atomic
Absorption

0.03 ug/filter

Lead Wastewater

SW846-7421

Graphite Furnace Atomic
Absorption

0.003 mg/l (ppm) water

Lead Soil +

0.3 mg/kg (ppm) soil

Lead in Drinking Water (check
state Certification Requirements)

EPA 239.2

Graphite Furnace Atomic
Absorption

0.003 mg/l (ppm)

Total DUA

NIOSH 0500-0600

Gravimetric Reduction

0.0001g

TAT (Turnaround) - 3 hours, 6 hours, Please call ahead to schedule.

12 hours (must arrive by 11:00 a.m.)

24 hours (1day) 48 hours (2 days), 72 hours, 96 hours (3 days), 120 hours (4 days), 144 + hours (6-10 days)

* ** * * * * +, ++ Please Refer to Price Quote

SAMPLE

LOCATION

Air volume, L
Area, in²

LAB

1 Beige Paint	Ext. N. Wall		118921
2 ↓	Ext. W. Wall		2
3 White	Int. S. Wall		3
4 ↓	Int. N. Wall		4
5 Beige	Ext. Water Tank		5

Relinquished By: (Person)

Date:

Received at EMSL By:

Date:

Note: Please duplicate this form and use additional sheets if necessary.

LAB #

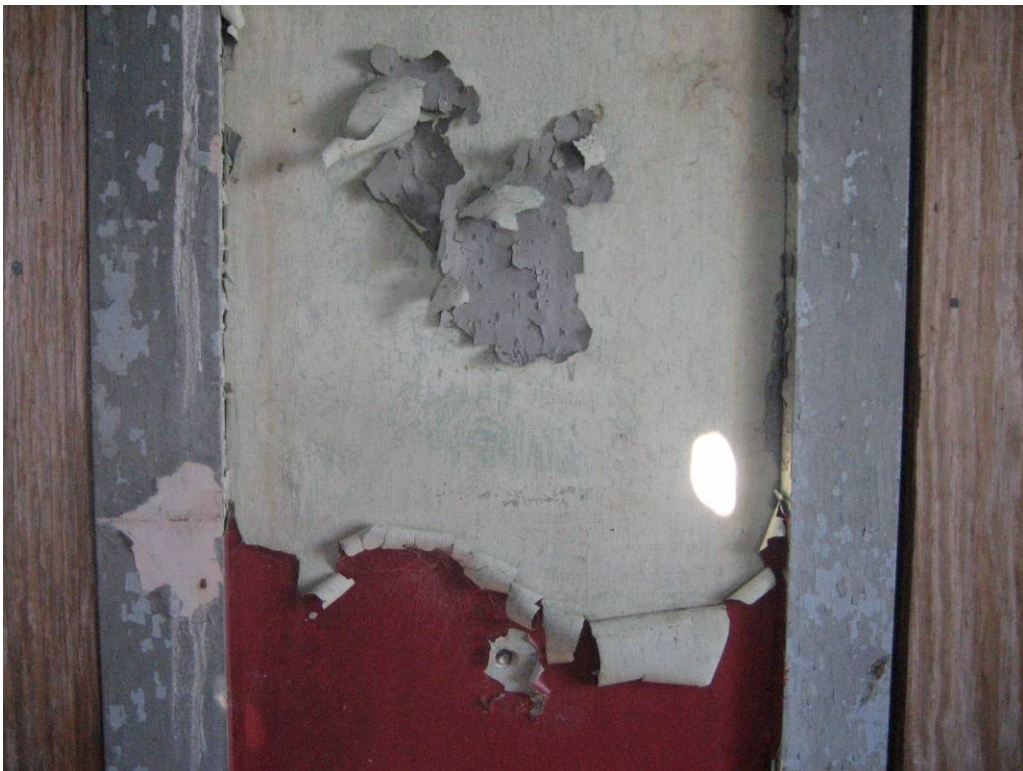
Note: Please duplicate this form and use additional sheets if necessary.

APPENDIX C
PHOTOGRAPHS

ADMINISTRATIVE AREA
SIGN/GENERATOR BUILDING 190A



Sign/Generator Building 190A: Intact red paint on concrete block wall.



Sign/Generator Building 190A: Peeling green paint on concrete block.



Sign/Generator Building 190A: Red paint on interior metal support beams.



Sign/Generator Building 190A: Peeling yellow paint on wood header above bathroom door.



Sign/Generator Building 190A: Cracked beige paint on metal eve soffit.

ADMINISTRATIVE AREA
INTERCONNECTING BUILDING 190B



190B Building: Intact beige paint on exterior concrete block walls.



190B Building: Cracked/peeling beige paint on interior concrete block walls.



190B Building: Cracked yellow paint on concrete steps.



190B Building: Intact red paint on metal support beams.



190B Building: Peeling red paint on exterior concrete block wall.

ADMINISTRATIVE AREA
ADMINISTRATION BUILDING



Administration Building: Beige paint on exterior metal column.



Administration Building: Yellow caution paint on sidewalk.

ADMINISTRATIVE AREA
WATER PUMP HOUSE BUILDING



Water Pump House: Brown paint on wood soffit.



Water Pump House: Brown paint on wood header.



Water Pump House: Brown paint on wood door jamb.

LAUNCH AREA

**MISSILE BARNs AND FIRE-CONTROL BUNKERS
A, B, AND C**



Missile Barn A: Peeling pink paint on exterior metal barn doors.



Missile Barn A: Peeling yellow paint on concrete block.



Missile Barn A: Chalking gray paint on interior metal exit door.



Missile Barn A: Chalking yellow paint on interior of barn door.



Missile Barn A: Chalking white paint on interior of barn door.



Missile Barn A: Chalking yellow and white paint on interior of barn door.



Missile Barn A: Chalking red paint on trim of interior barn door.



Missile Barn A: Peeling red paint on interior concrete block.



Missile Barn A: Intact gray paint on interior metal beams.



Missile Barn A: Intact yellow paint on exterior concrete slab.



Missile Barn A: Intact pink paint on metal rail beam on barn door.



Missile Barn A: Intact pink paint on supports for rail beam on barn door.



Missile Barn A: Intact yellow paint on manhole covers near bunker.



Fire-control Bunker A: Peeling gray paint on interior concrete walls.



Fire-control Bunker A: Cracked red paint on interior metal door.



Fire-control Bunker A: Peeling gray paint on concrete walls.



Missile Barn B: Peeling pink (beige) paint on exterior metal barn doors.



Missile Barn B: Chalking pink exterior paint on concrete walls and columns.



Missile Barn B: Cracked pink paint on exterior metal exit door.



Missile Barn B: Cracked yellow paint on base rail of barn door.



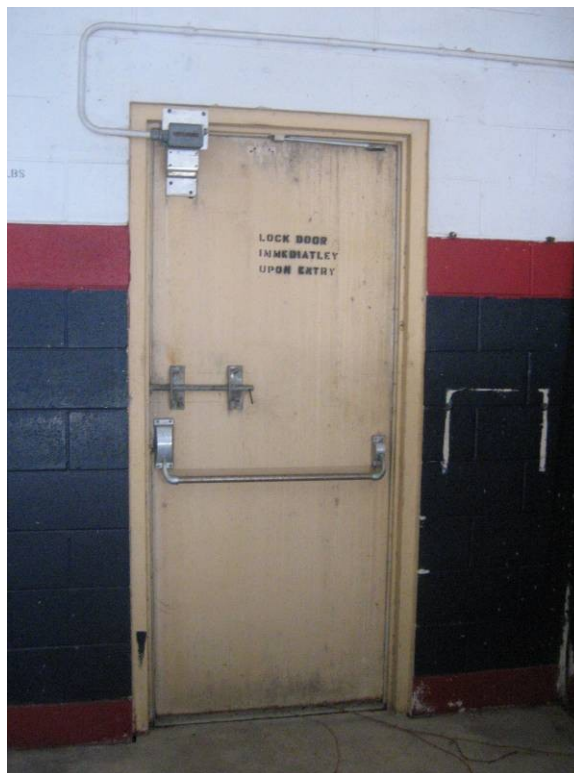
Missile Barn B: Cracked pink paint on metal rail beams on barn door.



Missile Barn B: Peeling pink paint on interior of barn door.



Missile Barn B: Peeling green paint on interior metal exit door.



Missile Barn B: Peeling beige paint on interior metal exit door.



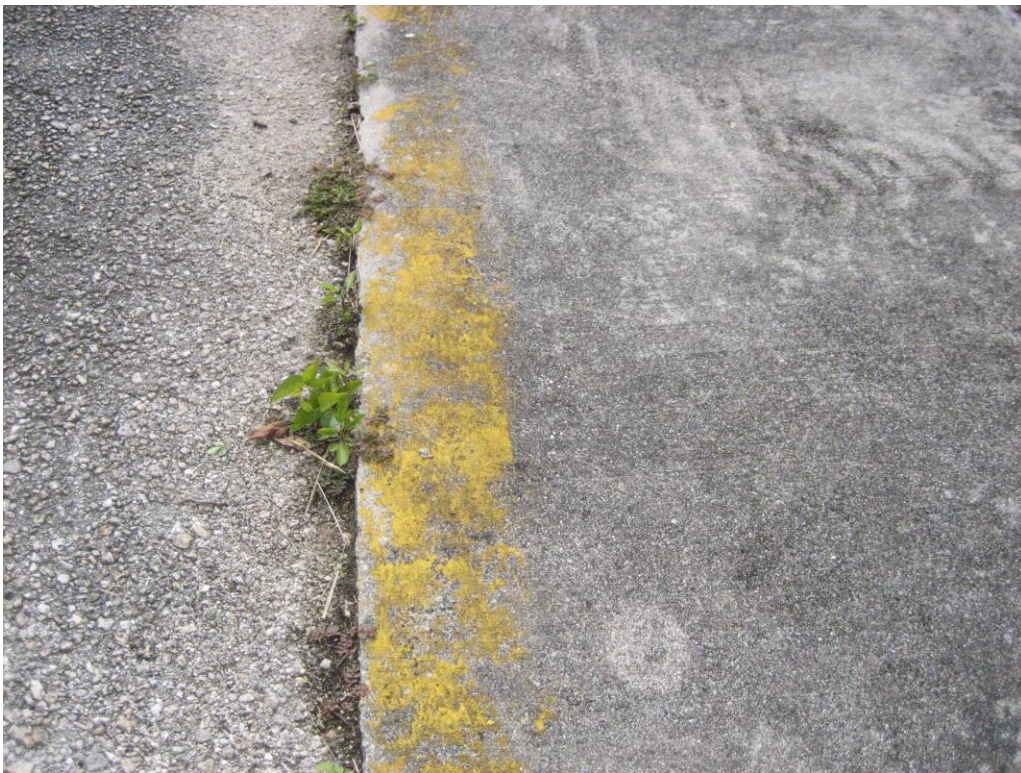
Missile Barn B: Blue paint on concrete block walls.



Missile Barn B: Red paint on concrete floor.



Missile Barn B: Intact gray paint on interior support beams.



Missile Barn B: Intact yellow paint on exterior concrete slab.



Missile Barn B: Cracked beige (yellow) paint on supports for rail beam on barn door.



Fire-control Bunker B: Peeling blue paint on interior concrete walls.



Fire-control Bunker B: Peeling red paint on exterior metal door.



Fire-control Bunker B: Peeling gray paint on interior metal door.



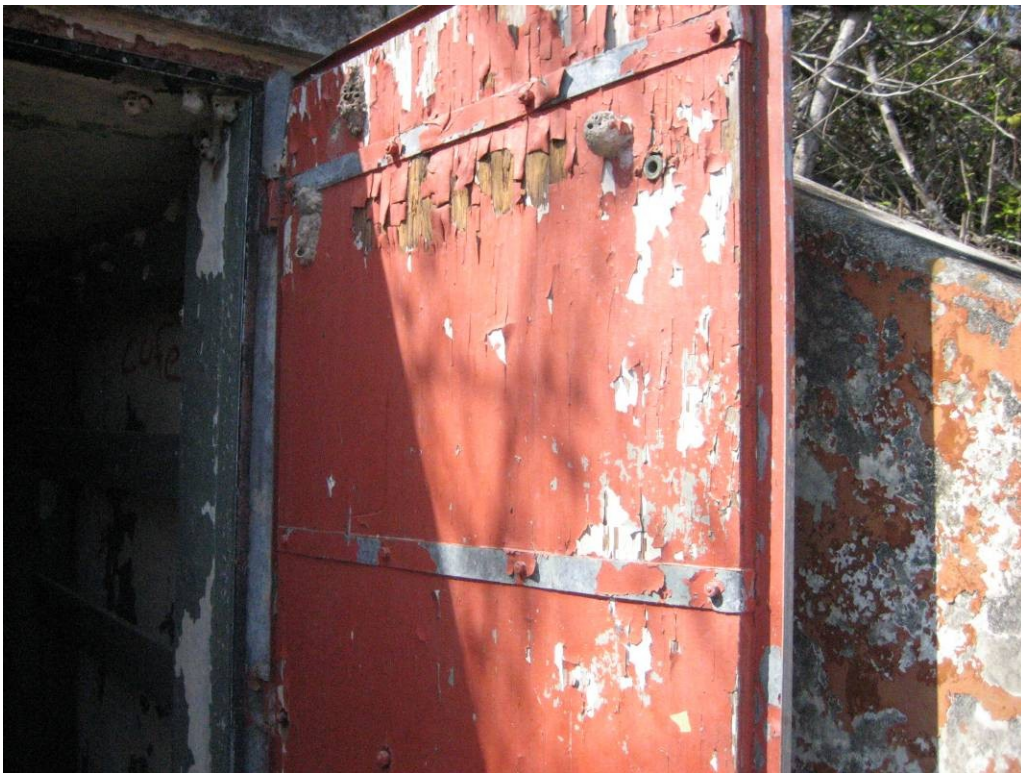
Missile Barn B: Intact yellow paint on manhole cover near bunker.



Missile Barn C: Peeling yellow paint on manhole cover near bunker.



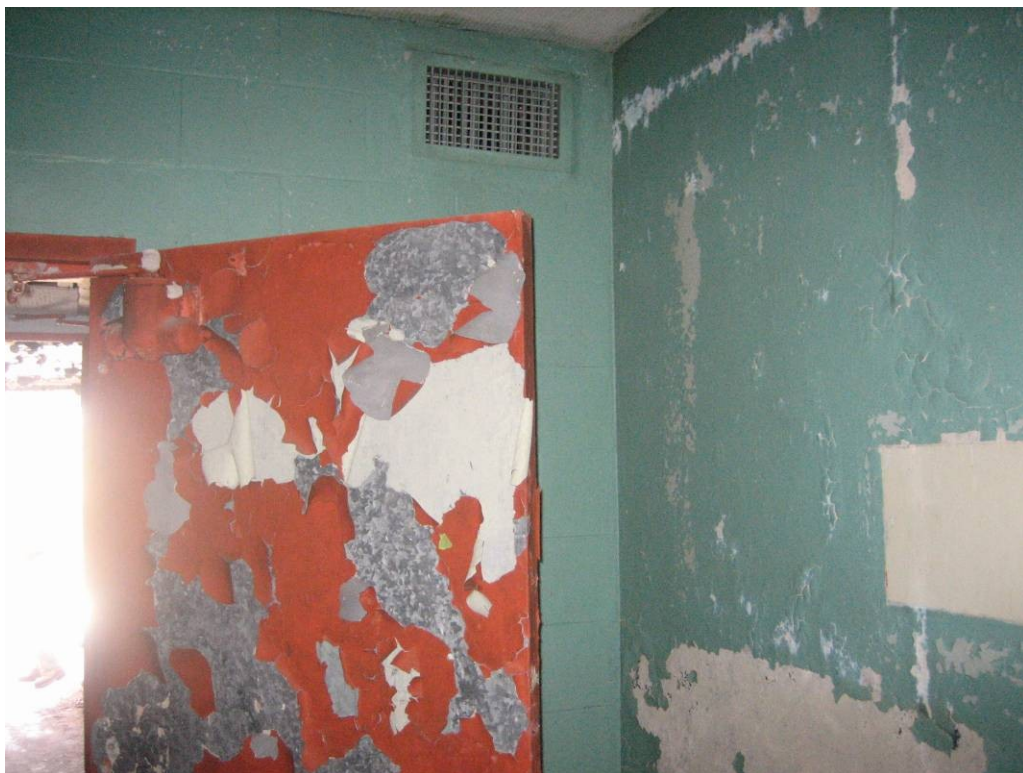
Fire-control Bunker C: Peeling red paint on exterior wall to bunker.



Fire-control Bunker C: Peeling red paint on exterior metal door.



Fire-control Bunker C: Intact yellow paint on ladder in escape hatch.



Fire-control Bunker C: Peeling red paint on metal door.



Fire-control Bunker C: Intact green paint on wood rack inside bunker.



Missile Barn C: Intact beige paint on exterior barn door.



Missile Barn C: Intact yellow paint on exterior base rail for barn door.



Missile Barn C: Intact beige paint on metal rail beam on barn door.



Missile Barn C: Cracked beige (yellow) on supports for rail beam on barn door.



Missile Barn C: Chalking yellow paint on concrete slab.



Missile Barn C: Intact orange and black paint on interior of barn door.



Missile Barn C: Peeling red and orange paint on concrete block wall.



Missile Barn C: Intact orange paint on interior metal exit door.



Missile Barn C: Intact red paint on concrete floor of barn interior.



Missile Barn C: Intact yellow paint on base rail of barn door.



Missile Barn C: Intact gray paint on interior metal support beams.

LAUNCH AREA

KENNEL



Kennel Building: Peeling brown (yellow) paint on exterior window sill.



Kennel Building: Peeling brown (yellow) paint on exterior soffit trim.

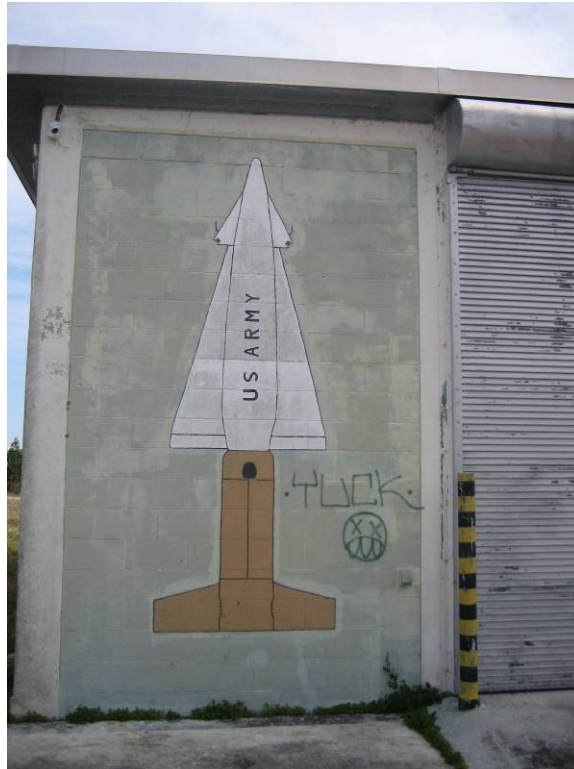


Kennel Building: Chalking brown paint on metal door casing.



Kennel Building: Chalking brown paint on metal door casing.

LAUNCH AREA
MISSILE ASSEMBLY BUILDING



Missile Assembly Building: Exterior insignia with cracked beige and black paint.



Missile Assembly Building: Detail of cracked beige and black paint on insignia.



Missile Assembly Building: Cracked gray paint on exterior metal door and rails.



Missile Assembly Building: Cracked yellow paint on concrete bumper.



Missile Assembly Building: Peeling yellow paint on exterior concrete slab.



Missile Assembly Building: Peeling black paint on interior metal door and rail.



Missile Assembly Building: Peeling yellow paint on air conditioning vent.



Missile Assembly Building: Intact red paint on red iron metal support beams.



Missile Assembly Building: Intact gray paint on metal support beams.

APPENDIX D
CERTIFICATES

United States Environmental Protection Agency

This is to certify that

EE&G Environmental Services, LLC

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226.

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires September 8, 2010

FL-10142-2

Certification #

OCT 16

Issued On

Joanne Benante

Joanne Benante, Chief

Pesticides and Toxic Substances Branch



United States Environmental Protection Agency

This is to certify that

Hiram A. Aguiar

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Inspector

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires September 10, 2010

FL-I-9781-2

Certification # SEP 19 2007

Issued On

Joanne Benante, Chief
Pesticides and Toxic Substances Branch



United States Environmental Protection Agency

This is to certify that

Daniel J. Cottrell

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires

December 27, 2010

Joanne Benante

FL-R-10745-2

Certification #

NOV 7 2007

Issued On

Joanne Benante, Chief

Pesticides and Toxic Substances Branch

