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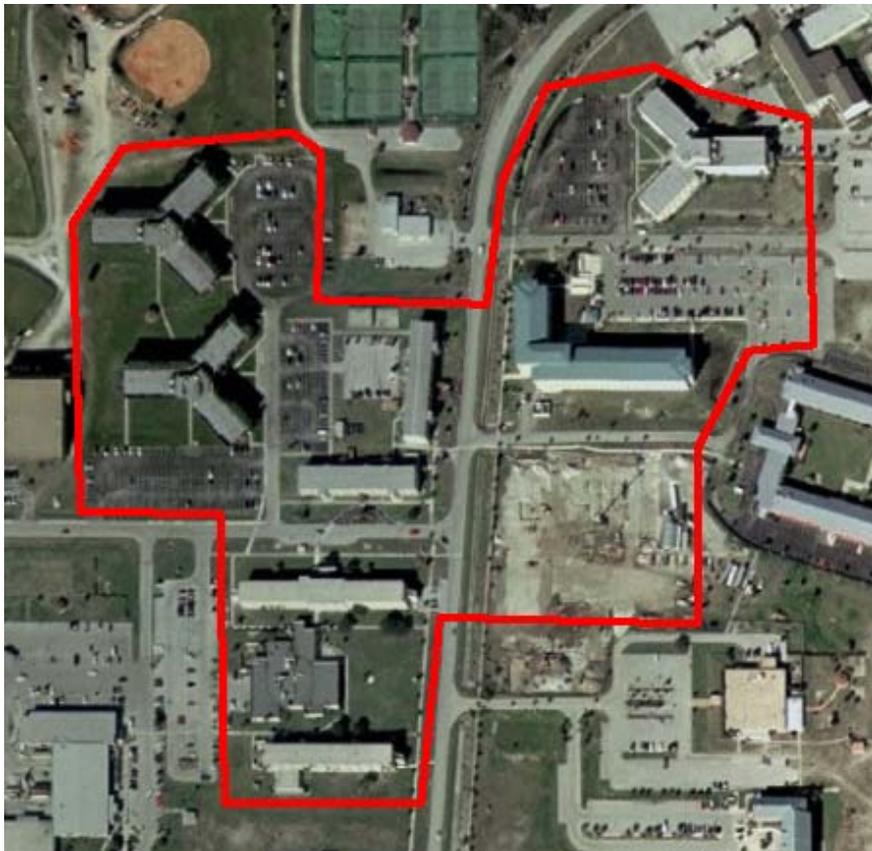
FINAL ENVIRONMENTAL CONDITION OF PROPERTY REPORT FOR NAVAL AIR STATION  
MAYPORT BACHELOR ENLISTED QUARTERS NAS MAYPORT FL  
02/01/2009  
NAVFAC SOUTHERN

*Final*

ENVIRONMENTAL CONDITION  
OF PROPERTY REPORT

for the

NAVAL AIR STATION MAYPORT  
BACHELOR ENLISTED QUARTERS  
JACKSONVILLE, FLORIDA



Naval Facilities Engineering Command – Southeast  
P.O. Box 30, Building 903  
Jacksonville, Florida 32212

February 2009



**FINAL**

**ENVIRONMENTAL CONDITION OF PROPERTY  
NAVAL STATION MAYPORT BACHELOR ENLISTED QUARTERS  
JACKSONVILLE, FLORIDA**

**February 2009**

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Lead Agency: Commanding Officer  
NAVFAC - Southeast  
P.O. Box 30, Building 903  
Jacksonville, FL 32212

Point of Contact: Karen Snodgrass  
EV42KS  
P.O. Box 30, Building 903  
Jacksonville, FL 32212



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## ABBREVIATIONS, ACRONYMS AND SYMBOLS

ACM	Asbestos-containing materials
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials International
BEQ	Bachelor Enlisted Quarters
bgs	Below ground surface
CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
CMU	Concrete masonry unit (concrete block)
CZM	Coastal Zone Management
DoD	Department of Defense
ECHO	Environmental Compliance History Online
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
EFH	Essential Fish Habitat
ERNS	Emergency Response Notification System
FDEP	Florida Department of Environmental Protection
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
GSRC	Gulf South Research Corporation
LBP	Lead-based paint
NAS	Naval Air Station
NAVFAC-SE	Naval Facilities Engineering Command-Southeast
NE	Northeast
NFA	No further action
NHPA	National Historic Preservation Act
NHRP	National Register of Historic Places
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Service
NW	Northwest
PCB	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
SE	Southeast
SPCC	Spill Prevention Control and Countermeasures
U.S.	United States
USC	U.S. Code
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	Underground storage tank
W	West

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**ENVIRONMENTAL CONDITION OF PROPERTY  
NAVAL STATION MAYPORT BACHELOR ENLISTED QUARTERS  
JACKSONVILLE, FLORIDA**

**EXECUTIVE SUMMARY**

This Environmental Condition of Property (ECP) report was prepared to support the privatization of maintenance and management of property containing the Bachelor Enlisted Quarters (BEQ) located on Naval Station (NS) Mayport. The property proposed for privatization consists of nine buildings and associated parking lots and grounds located in the general area of Baltimore Street within NS Mayport (hereafter called the subject property). The property is owned by the Federal government as part of NS Mayport.

This report was prepared and the site reconnaissance was conducted by Gulf South Research Corporation (GSRC) according to the American Society for Testing and Materials International (ASTM) Standard ASTM D6008-96, which defines good commercial and customary practices in the United States (U.S.) for conducting an environmental baseline survey of Federal real property proposed for acquisition or reuse with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 USC 9601) and petroleum products.

A brief summary of ECP findings is provided below by subject area:

- **Aboveground Storage Tanks.** There are aboveground storage tanks (ASTs) located on or adjacent to the subject property. ASTs containing fuel oil are located adjacent to Building 451, near Building 2134 and near Building 337, but they pose no environmental risk.
- **Underground Storage Tanks.** There are three underground storage tanks (USTs) located on the subject property, adjacent to Buildings 1585, 1586 and 1587. All of the USTs have released tank contents to soil and groundwater in the past, and all three UST sites have unresolved contamination remaining in the soil.
- **Munitions and Explosives of Concern.** There are no concerns with munitions and explosives of concern on the subject property

- **Used Oil.** There are no used oil products on the property.
- **Hazardous Wastes.** There are no hazardous wastes located on the subject property.
- **Polychlorinated Biphenyls (PCB).** There are ground-mounted transformers located adjacent to some of the buildings on the subject property, and the transformers are owned and operated by NS Mayport. All of the transformers are in operation, and all transformers on NS Mayport have been tested and found to be free of PCB.
- **Pesticides.** There is no evidence of pesticide use, other than normal insect control in and around the buildings.
- **Asbestos.** No evidence of asbestos-containing materials (ACM) was observed in any of the buildings investigated. A survey and testing for ACM in the BEQ buildings is being conducted under a separate investigation.
- **Lead-based Paint (LBP).** No LBP was observed in the buildings on the subject property, but the age of some of the buildings would suggest that LBP may be present; and surveys and testing for LBP are being conducted under a separate investigation.
- **Radon.** NS Mayport is not located in an area of concern for radon accumulation.
- **Air Quality.** No sources of air emissions were found on the subject property. NS Mayport is in compliance with all air quality standards.
- **Drinking Water.** All drinking water on NS Mayport is obtained from on-base wells and is distributed through the base water system.
- **Ground Water.** No potable near-surface ground water is located in the vicinity of the subject property.
- **Storm Water.** Surface runoff on the subject property is directed to drainage ditches and subsurface drains within and around the property, and percolates into the permeable sandy surface soil in the area.
- **Surface Water.** No surface water is located on the subject property.
- **Wastewater.** Wastewater generated by the subject property is collected and treated in the NS Mayport wastewater treatment facility.
- **Floodplains.** The subject property is not located within the 100-year floodplain for flooding from adjacent waters.
- **Wetlands and Aquatic Habitats.** The subject property does not contain wetlands or aquatic habitats.

- **Coastal Zone Management Areas.** The subject property is located within the Florida Coastal Zone Management (CZM) Area, but no actions are proposed that would not be consistent with the Florida Coastal Management Program.
- **Coral Reefs.** There are no coral reefs in the vicinity of the subject property.
- **Fisheries.** There are no known areas of essential fish habitat (EFH) on the subject property.
- **Marine Mammals.** There are no known marine mammals in the area of the subject property.
- **Threatened, Endangered or Sensitive Species.** No surveys for threatened or endangered species were performed, but none would be expected to be present on the subject property.
- **Geological Hazards.** No known geological hazards are present on the subject property.
- **Architectural Resources.** No architectural resources are located on the subject property.
- **Archaeological Resources.** No surveys or research concerning archaeological resources were conducted. The subject property does not contain structures or sites that would be eligible for listing in the National Register of Historic Places.
- **Native American Graves.** No Native American graves are known to be present on the subject property.
- **Solid Wastes.** Solid wastes generated on the subject property are collected and disposed of in the NS Mayport solid waste facility.
- **Universal Wastes.** Universal wastes generated on the subject property are collected and disposed of in the NS Mayport solid waste facility.
- **Medical Wastes.** There are no medical wastes generated on the subject property.
- **Hazardous Materials.** There are no hazardous materials stored on the subject property.

### **Recognized Environmental Conditions**

According to information gathered from document searches, interviews, and the site reconnaissance, there are *recognized environmental conditions* on or near the subject property as follows:

- Building 1585 – Fuel oil UST adjacent to the building with a prior release of tank contents pending a no further action (NFA) determination (*recognized environmental condition*)
- Building 1586 – Fuel oil UST adjacent to the building with a prior and current release of tank contents (*recognized environmental condition*), remediation planned for 2009
- Building 1587 – Fuel oil UST adjacent to the building with a prior release of tank contents remediated with land use controls in place due to remaining contaminated soil (*recognized environmental condition*)
- Building 451 – Fuel oil AST adjacent to the building with visible fuel oil spills in the boiler/mechanical room of the building (*recognized environmental condition*)
- Building 2105 – Fuel oil AST near the building with no evidence of release of tank contents (*recognized environmental condition*)
- Mess Hall – Fuel oil AST located behind the mess hall near Building 337 with no evidence of release of tank contents (*recognized environmental condition*)
- Building 337 – Former fuel oil AST located adjacent to the building with no evidence of release of tank contents (*historical recognized environmental condition*)
- Building 425 – Two UST releases are located east of Building 2105, but both sites have been remediated (*historical recognized environmental conditions*)

### **Classification of Status for Contamination**

Portions of the subject property are classified as *contaminated* as follows:

- Building 1585 – area around the UST adjacent to the building is classified as *contaminated* until a NFA determination is received from the Florida Department of Environmental Protection, at which time a classification as *uncontaminated* would be appropriate.
- Building 1586 – area around the UST adjacent to the building is classified as *contaminated* due to an unremediated fuel oil spill in the UST pit.
- Building 1587 – area around the UST and under the northeast end of the building is classified as *contaminated* due to fuel oil contaminated soil remaining under the building subject to land use controls and continued monitoring.

- Building 451 – the boiler/mechanical room of the building is classified as *contaminated* due to current leaks and spills of fuel oil on the walls and floor of the building.

The remaining areas and buildings on the subject property are classified as *uncontaminated*, due to the absence of *recognized environmental conditions* that pose a business environmental risk to the subject property.

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**SECTION 1.0**  
**PURPOSE OF THE ECP**





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## **1.0 PURPOSE OF THE ENVIRONMENTAL CONDITION OF PROPERTY**

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The purpose of this Environmental Condition of Property Report (ECP) is to identify, to the extent feasible pursuant to the processes described herein, recognized conditions in connection with the subject property, and to provide an opinion on:

- (1) indications that petroleum products or hazardous or toxic materials and/or waste exist, or have existed, on or adjacent to the subject property that could potentially have an adverse impact;
- (2) indications of possible contamination, based upon observable conditions and readily available and reviewed public records or information;
- (3) the possibility that violations of current environmental regulations have occurred, or are occurring, on the subject property;
- (4) the potential for spilled, leaked, or improperly handled hazardous substances or petroleum products to migrate to or from the subject property; and
- (5) the existence of unsafe or unhealthful conditions on the subject property.

This report is generated to support the proposed privatization of the subject property for maintenance and management.

### **1.1 SCOPE OF SERVICES**

This report was produced in accordance with the following:

The American Society for Testing and Materials International (ASTM) Standard (ASTM D6008-96) which defines “good commercial and customary practice in the U.S. for conducting an environmental baseline survey (EBS) in order to determine certain elements of the environmental condition of Federal real property, including excess and surplus property at closing and realigning military installations. This effort is conducted to fulfill certain requirements of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) section 120(h), as amended by the Community Environmental Response Facilitation Act of 1992 (CERFA).”

Gulf South Research Corporation's (GSRC) scope of services for this project included four major components: (1) Federal, state, and local environmental records review, including a review of historical and physical setting records; (2) a site reconnaissance to search for visible indications of impacts or potential impacts to the environment or human health and safety; (3) interviews with key site personnel and local government officials; and (4) the preparation of this report. Following ASTM guidelines, the review of individual component items is subject to the "reasonable ascertainability" of that item.

The conditions disclosed by this investigation have been separated into the following categories of environmental conditions:

- *Recognized environmental condition* – A recognized environmental condition is defined in ASTM Practice E1527-05 as “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.”
- *Historical recognized environmental condition* – A historical recognized environmental condition is defined in ASTM Practice E1527-05 as an “environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition.”
- *De minimis condition* – A *de minimis condition* is defined in ASTM Practice E1527-05 as conditions “that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

## 1.2 BOUNDARIES OF THE PROPERTY AND SURVEY AREA

The subject property consists of nine buildings with associated parking areas and grounds, located along Baltimore Street, totaling approximately 28 acres on NS Mayport in Jacksonville, Florida (see Figures 1 and 2). The total 28 acres includes some common grounds and streets, and is noted as the approximate area investigated in this report. No detailed description of the property boundaries around buildings to be investigated was provided. No subject property map was available, and the boundaries of the subject property are interpreted from an aerial photograph, as indicated in Figure 3. The buildings comprising the subject property are identified as indicated in Table 1-1 and in Figure 3.

**Table 1-1. Subject Property Building List**

<b>Building Number</b>	<b>Double Quarters</b>	<b>Building Age</b>
1585	126	1985
1586	126	1985
1587	126	1986
337	58	1964
451	36	1969
1393	56	1978
1394	55	1978
2105	260	2004
2234	156	2008

## 1.3 SIGNIFICANT ASSUMPTIONS

No significant assumptions were made regarding this assessment.

## 1.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

There are no limitations or exceptions for this assessment.

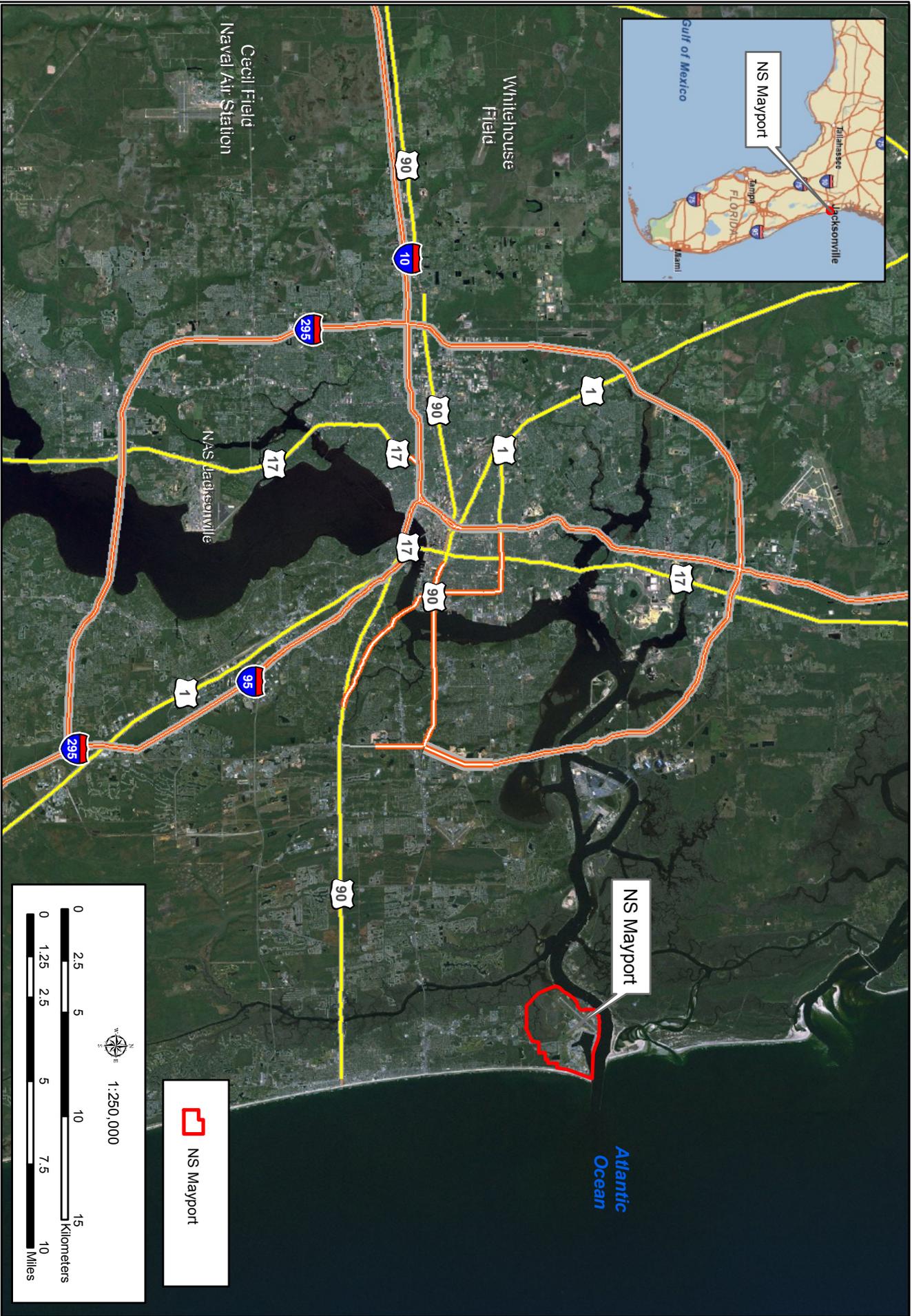


Figure 1: Vicinity Map

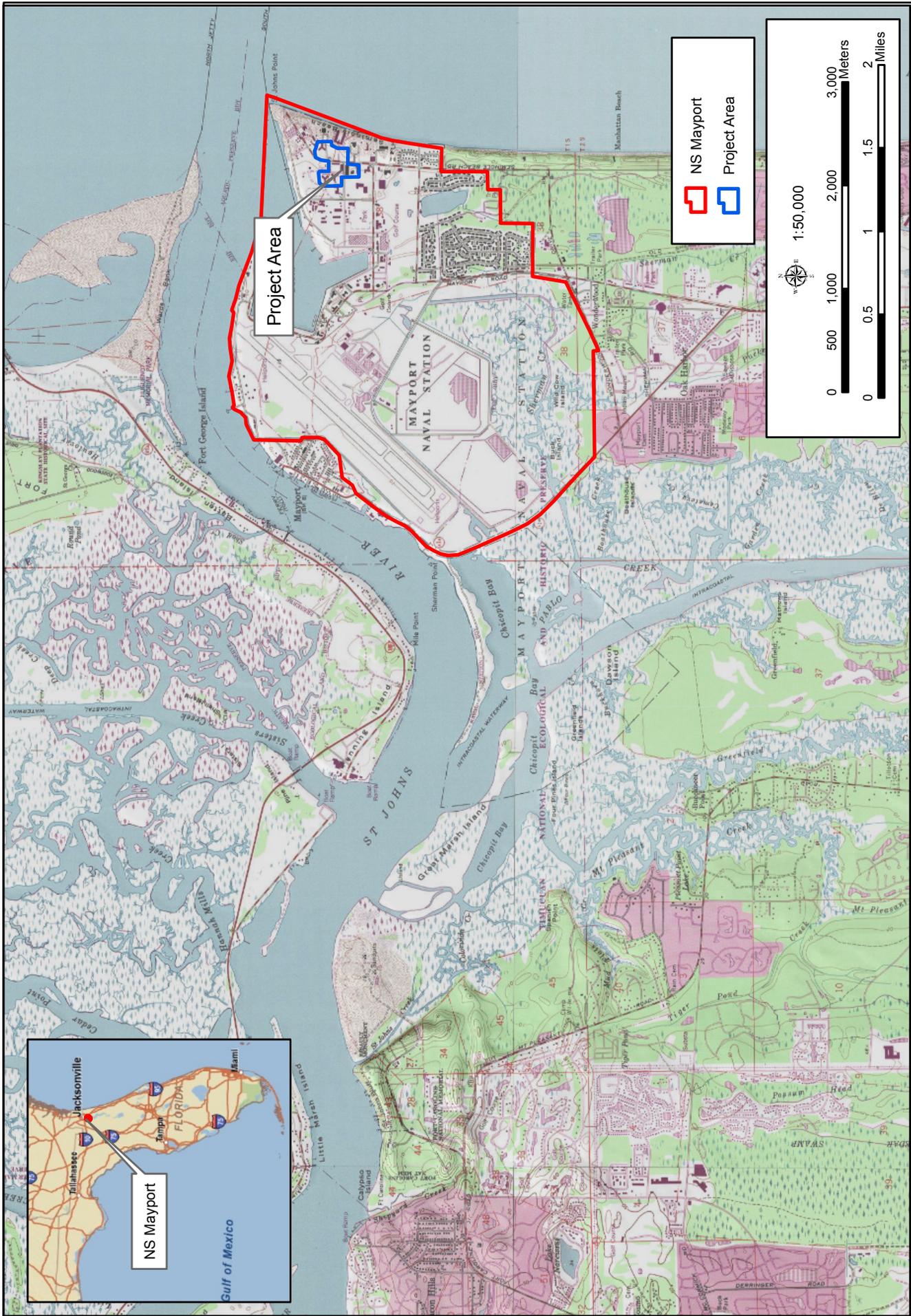


Figure 2: Subject Property Location Map

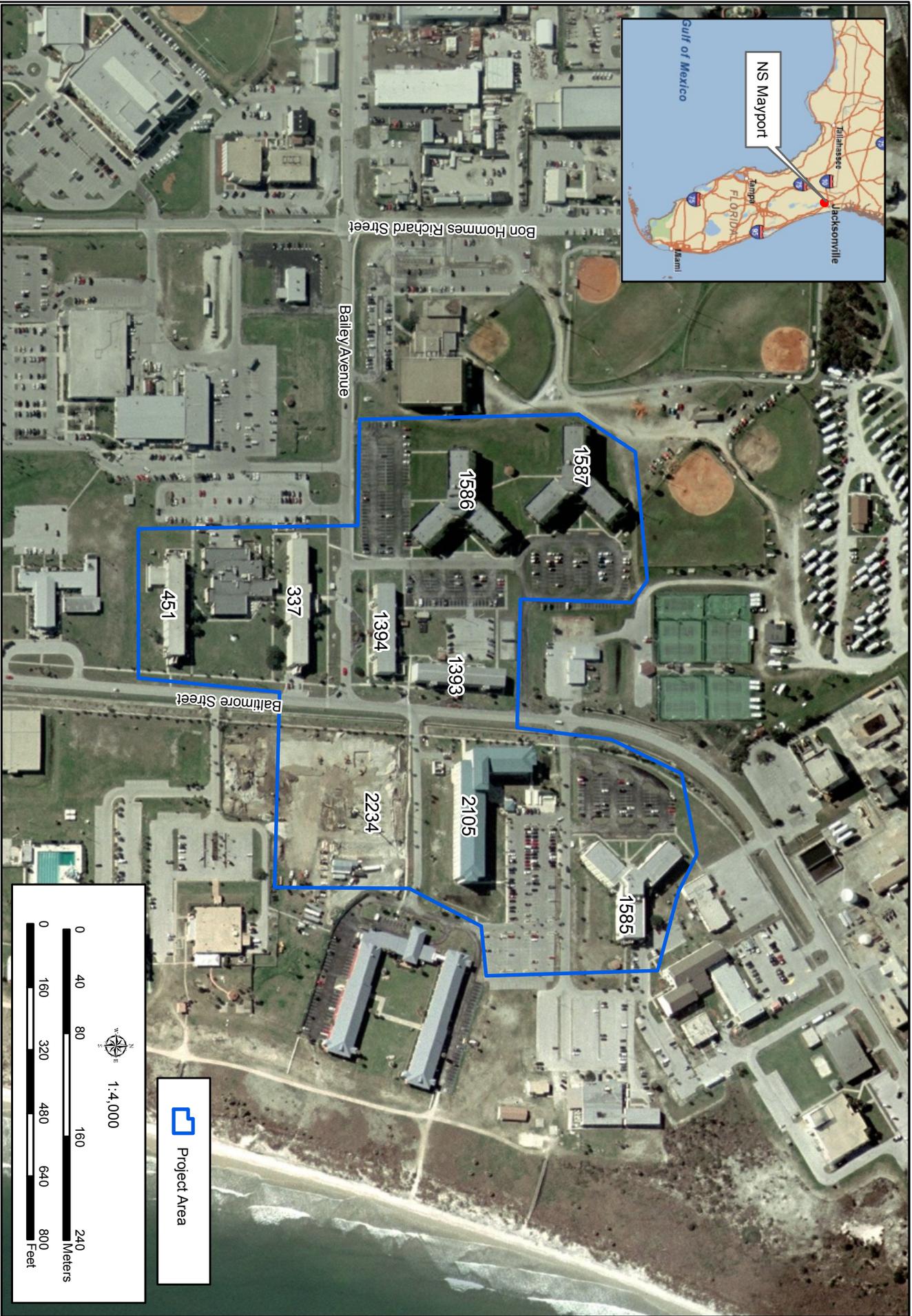


Figure 3: Subject Property Project Area

## **1.5 USER RELIANCE**

This report has been prepared by GSRC for NAVFAC-SE and NS Mayport. It is intended for the sole use of NAVFAC-SE and NS Mayport, herein designated as the User, and no other person or entity may use or rely on this report for any purpose without written permission from the Navy.

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***SECTION 2.0***  
***SITE DESCRIPTION***





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## **2.0 SITE DESCRIPTION**

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### **2.1 PROPERTY LEGAL DESCRIPTION**

No legal description of the subject property was available for review. The subject property consists of buildings and land associated with the NS Mayport BEQ, as indicated in Figure 3 and interpreted from a recent aerial photograph. It is located in Section 38 of Township 1 South, Range 28 East in Duval County, Florida.

### **2.2 SITE AND VICINITY GENERAL CHARACTERISTICS**

The general area surrounding the subject property consists of developed property on NS Mayport. Most adjacent property is used for either parking lots or base offices and buildings.

### **2.3 CURRENT USE OF THE SUBJECT PROPERTY**

The subject property is currently used for housing of unaccompanied enlisted Navy personnel on duty at NS Mayport.

### **2.4 STRUCTURES AND IMPROVEMENTS ON THE SUBJECT PROPERTY**

Structures on the subject property consist of the BEQ for NS Mayport. The buildings on the property are identified in Figure 3. Nine buildings comprise the NS Mayport BEQ, along with associated parking lots, landscaped grounds and fuel facilities. Some parking lots are shared with other non-BEQ facilities.

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***SECTION 3.0***  
***USER PROVIDED INFORMATION***

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## **3.0 USER PROVIDED INFORMATION**

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### **3.1 TITLE RECORDS**

No chain of title records were provided by NAVFAC-SE or NS Mayport. The property and buildings are owned by the U.S. Government as part of NS Mayport. Due to the known ownership of the subject property, prior to any known development of the property, an additional search of property title records is not considered necessary for this assessment.

### **3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS**

According to environmental management personnel at NS Mayport, there are no environmental liens or use limitations on the subject property. A land use control regarding soil disturbance is in place at Building 1587 due to contaminated soil remaining under the building after remediation of a UST fuel oil spill.

### **3.3 SPECIALIZED KNOWLEDGE**

Specialized knowledge of the subject property was obtained from Ms. Diane Racine in the NS Mayport Environmental Department, and from SHI Kenyatto Duncan, NS Mayport BEQ Maintenance Supervisor.

### **3.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

No valuation reduction for environmental issues applies to the NS Mayport BEQ.

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***SECTION 4.0***  
***RECORDS REVIEW***





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## **4.0 RECORDS REVIEW**

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### **4.1 DESCRIPTION OF DOCUMENTS REVIEWED**

GSRC contracted Environmental Data Resources, Inc. (EDR) to search Federal and state environmental databases that track activities associated with hazardous waste and incidents that have resulted in major environmental impairment. These databases are prepared and maintained by various Federal and state environmental agencies, such as the U.S. Environmental Protection Agency (USEPA) and the Florida Department of Environmental Protection (FDEP). The minimum appropriate search distance was 1 mile from the subject property boundaries. The EDR report showing all information pertaining to the database searches is presented in Appendix A.

The map of environmental conditions and restorations on NS Mayport, as well as individual reports on evaluation and restoration of hazardous materials sites in the vicinity of the BEQ were also consulted to determine the proximity of the subject property to areas of environmental concern.

#### **4.1.1 Primary Federal and State Databases**

A list of the Federal and state databases searched by EDR can be found on pages 1 through 3 of the Executive Summary section of the EDR report in Appendix A.

The EDR report in Appendix A indicated prior environmental and hazardous materials incidents at NS Mayport in Emergency Response Network System (ERNS) database. None of the incidents reported were located in proximity to the subject property. The NS Mayport solid waste landfill incinerator was also reported in the Solid Waste Facilities/Landfill Sites (SWF/LF) database; but it is not located in the vicinity of the subject property.

Twenty sites were listed in the Orphan Summary on page 8 of the EDR report. These are sites not mapped due to insufficient address information. Four of the orphan sites are located on NS

Mayport, including the ERNS incidents discussed above, but none of the orphan sites are located in the vicinity of the subject property.

According to the NS Mayport map of environmental remediation sites, there are USTs containing fuel oil located adjacent to Buildings 1585, 1586 and 1587 (Figure 4). All of these USTs have leaked tank contents to soil and groundwater in the past.

Building 1585 has a 5,000 gallon fuel oil UST located at the end of the southwest wing of the building (Photographs 8 and 9, Appendix C). The tank leaked fuel oil to soil and groundwater in 2004, and monitoring wells were installed to define the limits of the contamination. According to monitoring well reports in 2008, the remediation of the site by pumping the soil and groundwater has been successful, and a no further action (NFA) request to FDEP will be filed in 2009. This site would be classified as *contaminated* until a NFA determination is issued by FDEP.

Building 1586 has a 5,000 gallon fuel oil UST located at the end of the northeast wing of the building (Photographs 2 and 3, Appendix C). The tank previously leaked contents to soil and groundwater, and the spill was remediated. The UST was replaced, but a recent tank fill error resulted in a 1,400 gallon fuel oil spill in the tank pit and gravel bedding materials. Monitoring wells are in place, and it has been determined that free product contamination is confined to the immediate area of the UST. A preliminary remediation assessment has been prepared, and a formal remediation plan is expected to be filed with FDEP in 2009. Remediation is proposed to include installation of bioremediation socks in the monitoring wells to treat the spill. This site would be classified as *contaminated* until a NFA determination is issued by FDEP.

Building 1587 has a 4,000 gallon fuel oil UST located at the end of the northeast wing of the building (Photographs 5 and 6, Appendix C). The UST previously leaked tank contents to soil and groundwater, and the spill was remediated by removing the tank and soil and replacing the tank. Due to the presence of contaminated soil beneath the building foundation and the exterior stairwell, contaminated soil remains in place at the site. FDEP issued a NFA determination, which included land use controls (LUC) that require notification and additional soil removal

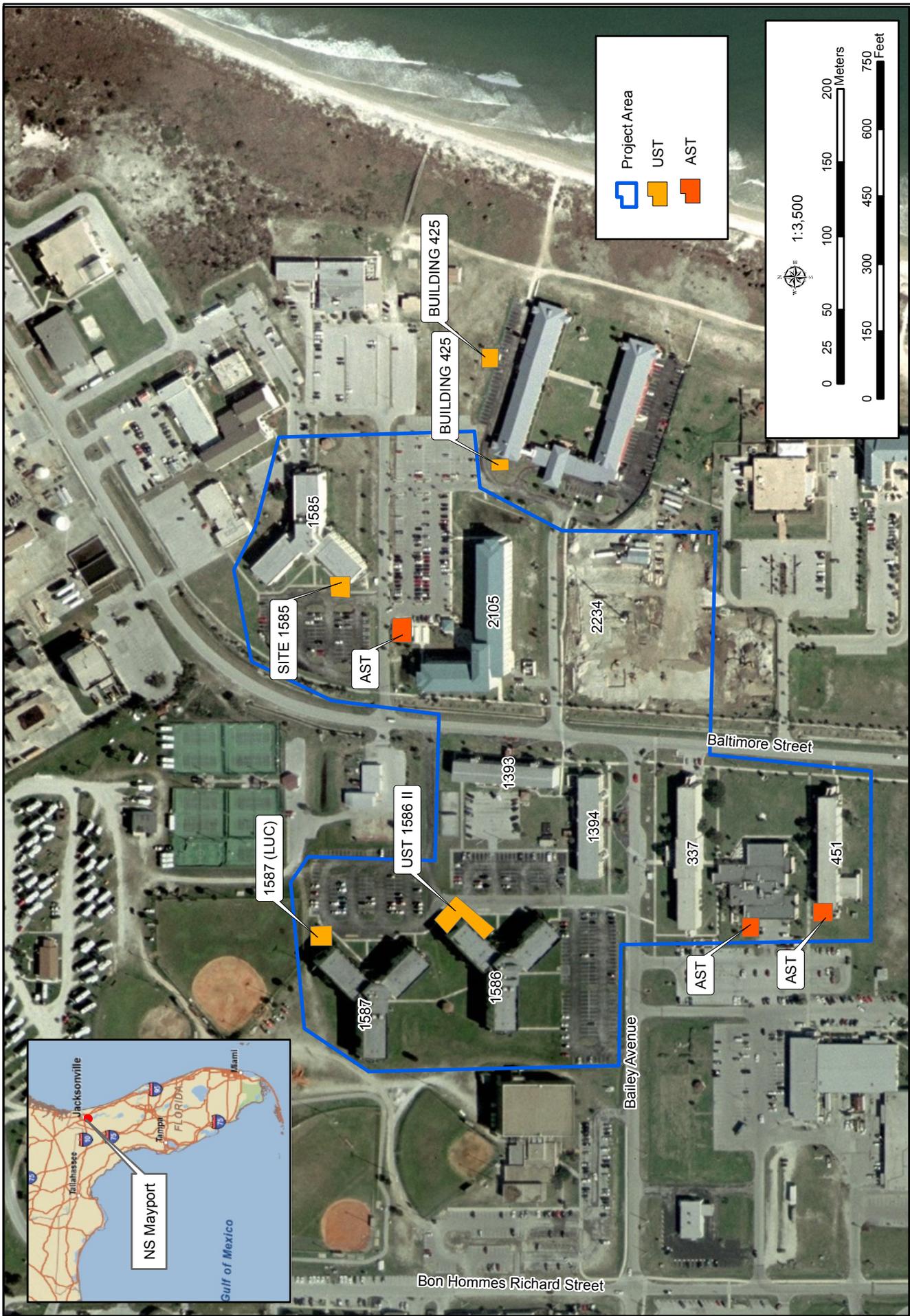


Figure 4: Subject Property UST and AST

and disposal if the building is replaced and contaminated soil is disturbed. No additional migration of the contamination plume has been identified in monitoring wells in place, and there is no recognized risk to Building 1587 or its occupants due to the remaining contaminated soil. No vapor intrusion issues have been identified at the site. This site would be classified as *contaminated* due to the presence of contaminated soil remaining beneath the building foundation, but no additional investigation of the site is necessary.

Building 2105 has a 3,500 gallon above ground storage tank (AST) containing fuel oil located in the parking lot north of the building (Photograph 13, Appendix C). The tank is new, and showed no indication of any leaks or spills, but there is no containment basin around the tank. The AST would be a *recognized environmental condition* for Building 2105, but no environmental risk was present at the time of this site assessment. The site would be classified as *uncontaminated*. There are two fuel oil UST spill sites located near Building 425, east of Building 2105, but the sites are remediated, and constitute *historical recognized environmental conditions* with no risk to the subject property.

Building 451 has a 4,000 gallon fuel oil AST located at the west end of the building (Photograph 22, Appendix C). The tank has no history of leaks or spills, and no indications were found during the site visit of any spills or leaks. The boiler/mechanical room in Building 451 showed indications of prior and continuing leaks of fuel oil from piping in the building (Photographs 23 and 24, Appendix C). The spills were confined to the concrete floor of the building, but would constitute a *recognized environmental condition* for the site. Building 451 would be classified as *contaminated* due to the fuel oil spills in that room, and the piping should be repaired and the spills cleaned up prior to any real estate action for the building. The adjacent AST would also be classified as a *recognized environmental condition*, but with no immediate risk to Building 451.

Building 337 uses the fuel oil AST located at the adjacent mess hall for backup boiler fuel. That AST is relatively new and no leaks or spills were indicated or reported from that tank. The AST would constitute a *recognized environmental condition* for the site, but no immediate risk is indicated. Building 337 would be classified as *uncontaminated*.

Buildings 1393 and 1394 did not have backup fuel tanks associated with them. A former AST concrete pad was located adjacent to Building 1394 (Photograph 28, Appendix C), but no contamination was found associated with the former AST. The darker area visible on the pad in Photograph 28 is water staining due to recent cleaning activities in the area.

Building 2234 is a new building constructed in 2008, and no ASTs or other hazardous materials are associated with that building.

In summary, Buildings 1585, 1586, 1587, and 451 would be classified as *contaminated* due to fuel oil spills remaining in and near those buildings.

## **4.2 PHYSICAL SETTING SOURCES**

The physical setting for the subject property and surrounding area was obtained from the current U.S. Geological Survey (USGS) topographic map (Mayport, FL 1992). The topographic map showed the subject property to be developed land on NS Mayport. The elevation of the subject property was indicated as between 9 and 12 feet above sea level. The land use was indicated as developed urban area on the topographic map.

## **4.3 HISTORICAL USE INFORMATION**

Historical use information on the subject property and surrounding properties was obtained from a review of historical topographic maps and aerial photographs, and from interviews with NS Mayport personnel who are knowledgeable about the history of the area. The subject property was not listed in the Sanborn insurance map coverage, and no listings were found in a search of city directories for Jacksonville.

A search was made by EDR for historical aerial photographs and historical quadrangle maps available for the subject property. Historical aerial photographs were recovered for the years 1943, 1952, 1960, 1975, 1988, 1997, 2002 and 2007; and topographic maps were found for 1918, 1950, 1964, 1970, 1976, 1977, 1982, and 1992. A listing of historical maps and photographs reviewed is found in Table 4-1, and the maps and photographs are located in Appendix B.

**Table 4-1. List of Historical Topographic Maps and Aerial Photographs**

<b>DATE</b>	<b>QUADRANGLE/PHOTOGRAPH NAME</b>	<b>SCALE</b>
1918	USGS Mayport, FL 15 Minute Quadrangle	1:62,500
1943	Aerial photograph	---
1950	USGS Mayport, FL 7.5 Minute Quadrangle	1:24,000
1952	Aerial Photograph	---
1960	Aerial Photograph	---
1964	USGS Mayport, FL 7.5 Minute Quadrangle	1:24,000
1970	USGS Mayport, FL 7.5 Minute Quadrangle	1:24,000
1975	Aerial Photograph	---
1976	USGS Mayport, FL 7.5 Minute Quadrangle	1:24,000
1977	USGS Mayport, FL 15 Minute Quadrangle	1:62,500
1982	USGS Mayport, FL 7.5 Minute Quadrangle	1:24,000
1988	Aerial Photograph	---
1992	USGS Mayport, FL 7.5 Minute Quadrangle	1:24,000
1997	Aerial Photograph	---
2002	Aerial Photograph	---
2007	Aerial Photograph	---

ASCS, Florida DOT, USGS, Digital Globe

The 1918 topographic map indicated that the subject property was an undeveloped rural area with no roads or buildings indicated on the property. A portion of the subject property was indicated as open water.

The 1943 aerial photograph showed that NS Mayport was beginning to develop, and Baltimore Street was visible as an improved road. One building was indicated on the subject property at the approximate location of Building 1585. The 1950 topographic map showed Baltimore Street as a main improved road accessing St. Johns Point, but no buildings were indicated on the subject property. Ribault Bay harbor was constructed on the 1950 map. The 1952 aerial photograph showed no change from 1950.

The 1960 aerial photograph showed a few additional streets being developed off of Baltimore Street, but no buildings on the subject property. Several structures were visible to the east along the beach. The 1964 topographic map showed Building 337 at its current location, and a smaller Mess Hall south of Building 337. No other changes on the subject property were indicated. Ribault Bay was renamed Mayport Basin.

The 1970 topographic map showed the addition of Building 451 at its current location on the subject property. No other changes to the subject property were indicated. The 1975 aerial photograph showed two low buildings occupying the area between the current Buildings 1393 and 1394. Two bare circular areas were visible at the locations of Buildings 1586 and 1587, possibly indicating recreational baseball fields. The 1976 topographic map showed no change from the 1970 topographic map.

The 1977 topographic map showed Building 1394 had been constructed, and several smaller buildings were scattered around the subject property. The 1982 topographic map also showed Building 1394 in place, but no other changes on the subject property.

The 1988 aerial photograph showed that Buildings 1393, 1585, 1586 and 1587 has been constructed, and the Mess Hall between Buildings 337 and 451 had been enlarged to its current size. The 1992 topographic map showed the same level of development on the subject property as indicated on the 1988 aerial photograph. The 1997 aerial photograph showed essentially no change on the subject property from 1992.

In the 2002 aerial photograph, Building 2105 had been constructed, and the 2007 aerial photograph showed construction underway on Building 2234.

The review of historical topographic maps and aerial photographs documented the history of the subject property from first development to the present, and confirmed the history of the property related in the interviews conducted. No *recognized environmental conditions* were found on the subject property in the review of historical topographic maps and aerial photographs.

#### **4.4 LOCAL/REGIONAL WATER AGENCY RECORDS**

A search of local and regional water agency records (see EDR report in Appendix A, pages A-8 through A-21) indicated numerous water supply wells on NS Mayport, but none within 0.25 mile of the subject property. The public water supply for NS Mayport is contained entirely within the base, and the water wells indicated on NS Mayport are operated by the Public Works Department at the base.

**SECTION 5.0**  
**SITE RECONNAISSANCE**





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## 5.0 SITE RECONNAISSANCE

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### 5.1 METHODOLOGY AND LIMITING CONDITIONS

A site reconnaissance was conducted on December 9 and 10, 2008 by Mr. Stephen Oivanki. The subject property was accessible by vehicle and by foot. The focus of the effort was to investigate the subject property and all buildings for visual evidence of potential hazardous or toxic substances, or the presence of potential sources for environmental impacts, such as drums, petroleum products and USTs. Photographs of the subject property and adjacent properties are presented in Appendix C, and an index to the location of each photograph is found in Figure 5. There were no obstructions limiting access to any portion of the subject property or to any structures on the property. SH1 Kenyatto Duncan, maintenance supervisor for NS Mayport BEQ, escorted the site reconnaissance and provided access to all secured areas.

**Building 2105** houses the main offices for NS Mayport BEQ. It is a four story building with a fifth floor penthouse which contains the main mechanical room for the building (Photograph 10, Appendix C). The mechanical room is clean and free of any hazardous materials (Photographs 14 and 15, Appendix C). The apartments are relatively new, and were in excellent condition (Photographs 16, 17 and 18, Appendix C). There is a fuel oil AST located north of the building adjacent to the parking lot (Photograph 13, Appendix C), but no leaks or spills were found. Several ground-mounted transformers are located around the building, and no PCB is present in the transformers (interview with Diane Racine).

**Building 1585** consists of a three story building with three radiating wings (Photograph 7, appendix C). There is a 5,000 gallon fuel oil UST located adjacent to the southwest wing of the building with numerous monitoring wells around it (Photographs 8 and 9, Appendix C). No visible evidence of the prior UST release was found. The building is constructed of concrete panel outer walls and conventional stud and drywall interior walls. Building 1585 has a recurring problem with rain water intrusion above the entrance porticos on the second floor due to insufficient gutter capacity. All water intrusion problems are repaired as they occur on an as-needed basis.

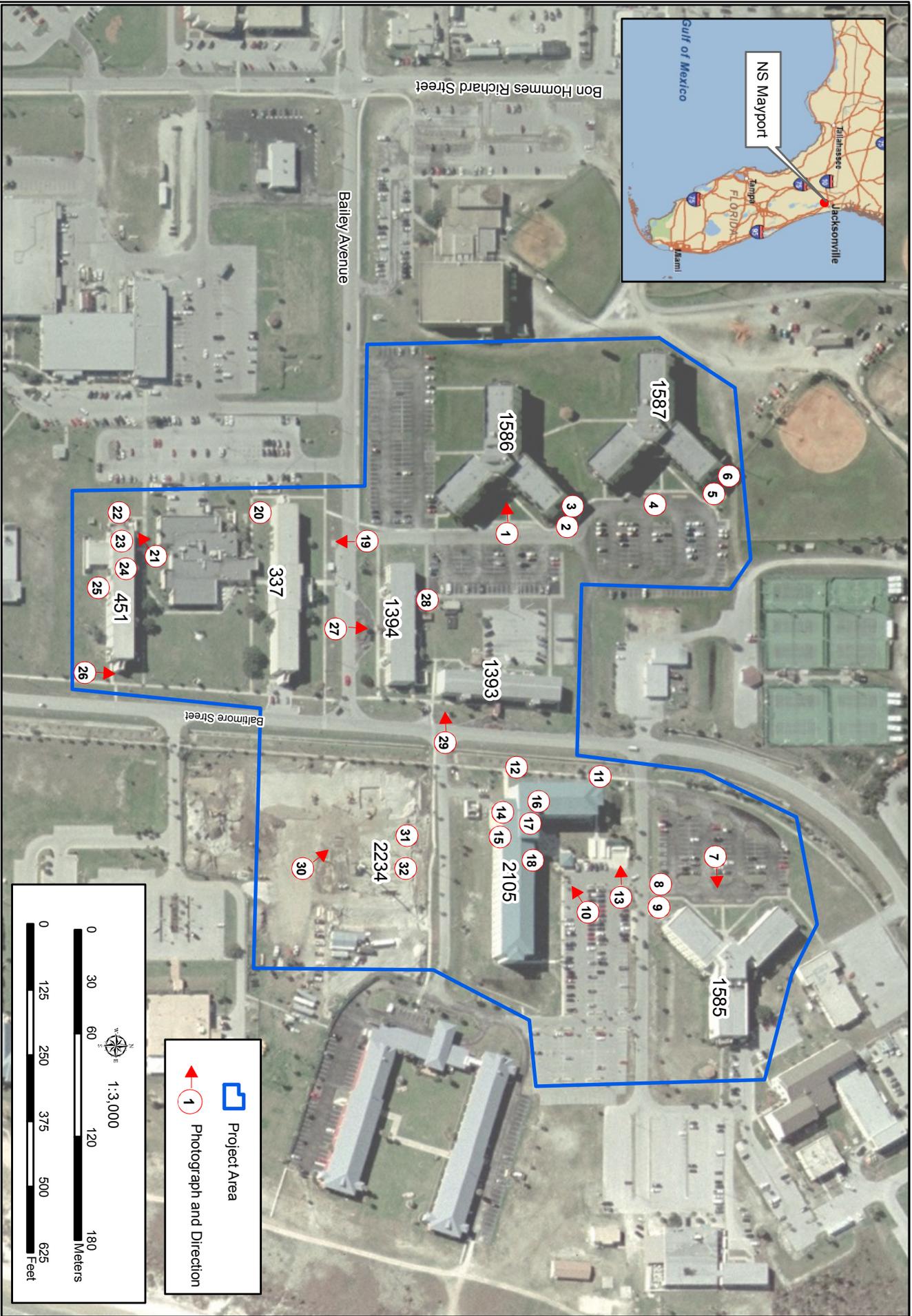


Figure 5: Subject Property Photograph Index

**Building 1586** is essentially identical to Building 1585, with three radiating wings (Photograph 1, Appendix C). There is a 5,000 gallon fuel oil UST located at the end of the northeast wing of the building (Photographs 2 and 3, Appendix C) with numerous monitoring wells around it. No visible evidence of the prior UST release was found. The bottom of the concrete fuel oil pump house did have stains around the base, indicating leaks in the past.

**Building 1587** is essentially identical to Buildings 1585 and 1586 (Photograph 4, Appendix C). There is a 4,000 gallon fuel oil UST located at the end of the northeast wing of the building with numerous monitoring wells around it (Photographs 5 and 6, Appendix C). No visible evidence of the prior UST release was found.

**Building 1393** is a three story building fronting on Baltimore Street, constructed of conventional studs and stucco exterior walls with stud and drywall interior walls (Photograph 29, Appendix C). No recognized environmental conditions were found around or in Building 1393.

**Building 1394** is also a three story building fronting Bailey Avenue with the same manner of construction as Building 1393 (Photograph 27, Appendix C). There is an old AST concrete pad located at the rear of Building 1394 (Photograph 28, Appendix C), but no visible evidence of prior spills was observed.

**Building 337** is a three story building fronting Bailey Avenue with stud and stucco exterior walls and stud and drywall interior walls (Photograph 19, Appendix C). There are ground-mounted transformers located around Building 337 (Photograph 20, Appendix C), as well as Building 451, but no PCB is present. Fuel oil supply for Building 337 is shared with the mess hall, from an AST located behind the mess hall.

**Building 451** is a three story building which faces the mess hall to the north (Photograph 21, Appendix C). The construction details are the same as Building 337. there is a 4,000 gallon fuel oil AST located at the west end of Building 451 (Photograph 22, Appendix C), but no leaks or spills were observed around the tank. In the mechanical/boiler room of Building 451, located

adjacent to the AST, there is visible evidence of ongoing leaks of fuel oil from supply pipes on the walls and concrete floor of the building (Photographs 23 and 24, Appendix C).

**Building 2234** is the newest BEQ building at NS Mayport, with construction finished in July 2008. The entrance to the building faces the parking lot to the southeast (Photograph 30, Appendix C). It is constructed like Building 2105, with four stories of apartments and a fifth floor penthouse containing the boiler/mechanical room (Photographs 31 and 32, Appendix C). There were no hazardous conditions observed in or around Building 2234.

Properties adjacent to the subject properties are described as follows:

North and east of Building 1535 are office buildings and parking areas. Across Baltimore Street west of Building 1535 and north of Building 1587 are tennis courts and baseball fields.

West of Building 1586 and 1587 are also baseball fields, as well as the NS Mayport gymnasium. Buildings west and south of Buildings 337 and 451 are office buildings and associated parking.

East of Buildings 2105 and 2234 is a transient housing complex used for daily rental for temporary quarters and visitors to NS Mayport.

No *recognized environmental conditions* were observed on adjacent properties, except for the AST containing fuel oil behind the mess hall between Buildings 337 and 451, and the AST does not pose a risk to the subject property.

***SECTION 6.0***  
***INTERVIEWS***





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## **6.0 INTERVIEWS**

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### **6.1 MR. KENYATTO DUNCAN, SH1, BEQ MAINTENANCE SUPERVISOR**

Mr. Kenyatto Duncan was interviewed during the site reconnaissance regarding BEQ housing at NS Mayport and the condition of the subject property. He stated that he had been a maintenance supervisor at NS Mayport BEQ for 2.2 years, and had been stationed at NS Mayport since January 2002. He described the BEQ buildings and stated that, other than some minor needed and ongoing repairs to finishes and mechanical systems, the buildings were in fair and operable condition. The newer buildings were in much better condition than the older buildings, but maintenance and repairs were kept up to date so that all rooms were available for occupancy. Occupancy rates varied from 53 percent for Building 2234, due to its recent completion, to 100 percent for Building 1586. He was not aware of any ACM or LBP in any of the buildings. He stated that there were no hazardous materials kept in any of the buildings.

### **6.2 MS. DIANE RACINE, ENVIRONMENTAL PROTECTION SPECIALIST, ENVIRONMENTAL DEPARTMENT AT NS MAYPORT**

Ms. Diane Racine was interviewed at her office regarding environmental hazards and restoration sites at NS Mayport. She provided a map of all NS Mayport environmental restoration sites, and observed that three of the active sites were located on the subject property. She had been working on the base in the Environmental Department since February 2002. She pointed out the UST restoration sites at Buildings 1585, 1586 and 1587 during a tour of the sites. She related the history of the UST releases and the past and ongoing remediation at the sites, and provided reports on past and ongoing activities for review. She stated that all PCB-containing transformers had been removed from NS Mayport. She stated that there is no current danger or risk to any occupants of any of the BEQ buildings on the base as a result of past or ongoing remediation efforts.

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***SECTION 7.0***  
***ENVIRONMENTAL CONDITION OVERVIEW***





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## **7.0 ENVIRONMENTAL CONDITION OVERVIEW**

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Activities and investigations conducted in support of this ECP Report included records reviews, an onsite visit and inspection, interviews with owners and appropriate government personnel, and review of historical aerial photographs and official topographic maps. No previous environmental condition surveys were available pertaining to the subject property. All of the environmental conditions investigated are reported in the sections below.

### **7.1 STORAGE TANKS**

Most regulations concerning USTs are found in 40 CFR 280 and 40 CFR 281. State programs are codified in 40 CFR 282.50-282.105. ASTs containing fuel and oil products are regulated under the USEPA Spill Prevention, Control and Countermeasures (SPCC) regulations. State regulation of USTs and ASTs is controlled by FDEP.

#### **7.1.1 Aboveground Storage Tanks**

Three ASTs containing fuel oil were observed adjacent to Building 2105, adjacent to Building 451, and adjacent to the Mess Hall near Building 337 (Photographs 13 and 22, Appendix C). The ASTs contained fuel oil for the boiler operations and were relatively new and in good condition. There were no containment structures around the tanks. Due to the location of the ASTs adjacent to and in the vicinity of the subject property, they would constitute *recognized environmental conditions* with no apparent business environmental risk to the subject property.

#### **7.1.2 Underground Storage Tanks**

USTs containing fuel oil were observed and reported adjacent to Buildings 1585, 1586 and 1587. Release of UST contents to soil and groundwater from each of the tanks has occurred previously, and contaminated soil remains at all three sites. Each of the USTs represents a *recognized environmental condition* for the subject property. A business environmental risk exists for the UST release at Building 1586 due to free product present in the tank pit bedding material.

## **7.2 MUNITIONS AND EXPLOSIVES OF CONCERN**

No munitions or explosives of concern are located on or in the vicinity of the subject property.

## **7.3 USED OIL**

No used oil or containers are present on the subject property.

## **7.4 HAZARDOUS WASTES**

Regulation of hazardous wastes is implemented by USEPA under the Resource Conservation and Recovery Act (RCRA). State regulation of hazardous wastes is the responsibility of FDEP, which implements Federal and state laws regulating the generation, treatment, storage and disposal of RCRA hazardous waste and universal waste.

No RCRA hazardous waste was observed on or in the vicinity of the subject property.

## **7.5 POLYCHLORINATED BIPHENYLS**

No PCB is present in transformers on NS Mayport.

## **7.6 RADIOLOGICAL MATERIALS**

No evidence of current or prior storage or use of radiological materials was found on the subject property.

## **7.7 PESTICIDES**

Other than minor pesticide applications by a licensed operator, no pesticides are present on the subject property.

## **7.8 ASBESTOS**

No visible evidence of ACM was observed in any of the structures present on the subject property, but, considering the age of some of the buildings, ACM may be present. A survey and testing for ACM is being conducted separately by others.

## **7.9 LEAD-BASED PAINT**

LBP may be present in some of the buildings on the subject property due to the age of the buildings and finishes.

## **7.10 RADON**

NS Mayport is not located in a hazard area for radon accumulation (EDR 2008).

## **7.11 AIR QUALITY**

There are no air emissions sources present on the subject property, and Duval County, Florida is currently in attainment for all air quality standards promulgated under the Clean Air Act (CAA) (USEPA 2008b). No indoor air quality problems were noted in any of the buildings.

## **7.12 WATER QUALITY**

### **7.12.1 Drinking Water**

Drinking water and other potable water used for the subject property is provided by the NS Mayport Public Works Department from wells located on the base.

### **7.12.2 Groundwater**

The near-surface groundwater on NS Mayport is connected to tidal waters, and it is too salty for normal use. The primary potable water aquifer in the area is the Floridan aquifer (EDR 2008), and NS Mayport wells produce from that aquifer.

### **7.12.3 Storm Water**

Storm water regulation to prevent erosion and introduction of pollutants into storm water runoff is managed by FDEP and NS Mayport Public Works Department. Surface and subsurface storm water drains are present on the subject property, but no contamination is present. Storm water from adjacent properties does not flow across or under the subject property.

### **7.12.4 Surface Water**

The nearest natural surface water to the subject property is located approximately 1,000 feet east in the Atlantic Ocean.

### **7.12.5 Wastewater**

Wastewater generated by the NS Mayport BEQ is collected and treated by the NS Mayport wastewater treatment plant.

## **7.13 NATURAL RESOURCES**

### **7.13.1 Floodplains**

The subject property is not located within the 100-year floodplain for the general area. The flood zone is identified as Zone X (Federal Emergency Management Agency [FEMA] 2008).

### **7.13.2 Wetlands and Aquatic Habitats**

There are no wetlands or aquatic habitats on or near the subject property.

### **7.13.3 Coastal Zone Management Areas**

The subject property is located within the Florida Coastal Zone Management (CZM) Area. No actions have been identified that would be inconsistent with the Florida Coastal Management Program.

### **7.13.4 Coral Reefs**

Coral reefs are not present within or near the subject property.

### **7.13.5 Fisheries**

There are no areas of Essential Fish Habitat (EFH) on the subject property.

### **7.13.6 Marine Mammals**

No marine mammals exist on or in the vicinity of the subject property.

### **7.13.7 Threatened, Endangered and Other Sensitive Species**

No threatened or endangered species are present on or adjacent to the subject property.

### **7.13.8 Geological Hazards**

The area of NS Mayport surrounding the subject property is generally flat and consists of Quaternary and Recent sediments on the surface. No sensitive geologic features are present, and no hazards associated with the underlying geology would be present. Soils on the subject property consist of Arents and Urban Land (Natural Resources Conservation Service [NRCS] 2008).

## **7.14 CULTURAL RESOURCES**

Cultural resources are regulated under the National Historic Preservation Act (NHPA), the Archaeological Resources Act, and the Native American Graves Protection and Repatriation Act, among others. None of the buildings on the subject property are older than 50 years, and thus, would not be eligible for protection under the NHPA.

### **7.14.1 Architectural Resources**

None of the buildings on the subject property are architecturally significant and would not be considered a historical resource.

### **7.14.2 Archaeological Resources**

Because the subject property has been significantly disturbed and developed, no archaeological resources would be expected to be present.

### **7.14.3 Native American Graves**

No surveys for Native American graves have been conducted on the subject property, but none would be expected to be present.

## **7.15 SOLID WASTES**

All solid waste generated on the subject property is collected and disposed of by NS Mayport waste management services, and is contained in metal waste containers outside the buildings until collection.

## **7.16 UNIVERSAL WASTES**

No universal wastes were found on the subject property, and any universal wastes generated would be handled similar to solid wastes.

## **7.17 MEDICAL WASTES**

No medical wastes are generated by activities on the subject property, and none were found during the site inspection.

## **7.18 HAZARDOUS MATERIALS**

No hazardous materials are used or generated by activities on the subject property, and none were identified during the site inspection.

## **7.19 SUMMARY OF ENVIRONMENTAL CONDITIONS**

This section presents a summary of environmental conditions identified during the site visit, records review, and interviews.

- **ASTs** – Three ASTs containing fuel oil are present on and adjacent to the subject property. The tanks are well maintained with no reported or visible leaks or spills, and

represent *recognized environmental conditions* with no business environmental risk to the subject property.

- **USTs** - Three USTs containing fuel oil are present on the subject property, adjacent to Buildings 1585, 1586 and 1587. All of the USTs have reported a release of tank contents to soil and groundwater in the past. The UST release at Building 1587 has been remediated, but contaminated soil remains under the building foundation subject to LUCs, including continued monitoring, mandated by FDEP. The UST release at Building 1585 has been remediated and a NFA determination by FDEP is anticipated in 2009. The UST release at Building 1586 has not been remediated, and free product is present in the tank pit and adjacent soils. A remediation plan is being prepared, and remediation is expected to begin in 2009. All of the UST sites represent *recognized environmental conditions* for the subject property, and the UST release at Building 1586 represents a business environmental risk to the subject property. Former UST release sites remediated near Building 425 are *historical recognized environmental conditions* with no business environmental risk to the subject property.
- **Oil Spills** – The boiler/mechanical room on the first floor of Building 451 is contaminated with fuel oil from leaking supply pipes. The walls and floor are stained, and old fuel oil is present on the floor near the entrance door. The leaking pipes do not appear to have been repaired, and this would represent a *recognized environmental condition* for Building 451 with a business environmental risk to the subject property.

Based on the assessment performed for the subject property, and the *recognized environmental conditions* described above, the UST area near Building 1586, and the boiler/mechanical room in Building 451 would be classified as *contaminated*. The UST area adjacent to Building 1585 has been remediated, but the site would be classified as *contaminated* until a NFA determination is received from FDEP (expected in 2009). The contaminated soil remaining under the foundation at Building 1387 is subject to LUCs and continued monitoring, and the site would be classified as *contaminated*, but with no current risk to the subject property. Due to the absence of *recognized environmental conditions* with a business risk to the subject property at any other locations, the remainder of the subject property would be classified as *uncontaminated*.

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***SECTION 8.0***  
***OPINIONS & CONCLUSIONS***





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## 8.0 OPINIONS & CONCLUSIONS

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GSRC has performed an *Environmental Condition of Property Assessment* in conformance with the scope and limitations of ASTM Practice D6008-96 of the subject property. No exceptions to, or deletions from, this practice are applicable to this report. This assessment has revealed evidence of *recognized environmental conditions* that would pose a business environmental risk to the subject property near Building 1586 and in the boiler/mechanical room of Building 451. The site near Building 1586 has been assessed by the NS Mayport Environmental Department and FDEP, and remediation activities are scheduled for 2009.

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***SECTION 9.0***  
***RECOMMENDATIONS***

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## **9.0 RECOMMENDATIONS**

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Due to the presence of a *recognized environmental condition* posing a business environmental risk to the subject property at Building 1586, continued monitoring of the subject property is necessary utilizing existing monitoring wells, and remediation of existing contamination is necessary. The site at Building 1586 has been assessed by the NS Mayport Environmental Department and FDEP, and a remediation plan is being prepared for implementation in 2009. The leaking fuel oil pipes in the boiler/mechanical room of Building 451 should be repaired as soon as possible, and the fuel oil on the floor should be cleaned up. No further action is necessary at the remainder of the subject property, except for continued coordination with the NS Mayport Environmental Department and FDEP to insure that the remaining fuel oil contamination is remediated at the two sites noted above.

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***SECTION 10.0***  
***CERTIFICATION***





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**10.0 CERTIFICATION**

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I certify that the ECP Report for the subject property described above, dated February 9, 2009, and its enclosures were prepared under my direction or supervision in accordance with ASTM Practice D6008-96 (Reapproved 2005). The information contained within the ECP Report for the subject property is, to the best of my knowledge and belief, accurate and complete, and accurately reflects the property's condition as of February 9, 2009, based on my inquiry and observations.

I declare that, to the best of my professional knowledge and belief, I meet the definition of an environmental professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all of the appropriate inquiries in conformance with the standards and practices set forth in ASTM Practice D6008-96

Stephen Oivanki  
Project Manager  
GSRC

Signature



Date

9 February, 2009

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***SECTION 11.0***  
***REFERENCES***





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## 11.0 REFERENCES

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- American Society for Testing and Materials International (ASTM). 2005. Standard Practice for Conducting Environmental Baseline Surveys, Designation D6008-96 (Reapproved 2005) 22 pages.
- ASTM. 2006, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527-05, 35 pages.
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- USGS 1977. Mayport, FL, 7.5 Minute Topographic Quadrangle
- USGS 1982. Mayport, FL, 7.5 Minute Topographic Quadrangle
- USGS 1992. Mayport, FL, 7.5 Minute Topographic Quadrangle

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**SECTION 12.0**  
**QUALIFICATIONS**





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## 12.0 QUALIFICATIONS

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**STEPHEN M. OIVANKI, P.G.**

**Qualified Environmental Professional (ASTM E1527-05)**

**Statement of Qualifications**

**Education:** B.S. – Geology – Louisiana State University  
M.S. – Geology – Louisiana State University

**Training:** HAZWOPER – 40-hour hazardous waste responder, current refresher  
USACE 1997 Wetland Delineation Manual – 40-hour course  
Mold Assessment and Remediation in Buildings – Training Course

**Registrations:** Registered Professional Geologist #412 – State of Mississippi

**Experience: Self-employed Consulting Geologist – 10 years**  
Oil and gas exploration, subsurface site investigations, mining exploration, engineering geology

**Mississippi Department of Environmental Quality – 7 years**  
Subsurface geology, subsurface site investigations, coastal geology and geomorphology

**Mississippi Department of Marine Resources – 3 years**  
Coastal Zone Manager, supervision of environmental staff, oversight and review of Coastal Zone permits and environmental regulations

**Compton Engineering, Inc. – 5.5 years**  
Phase I Environmental Site Assessments – 40  
Phase II Environmental Site Assessments – 12  
Emergency Response Action Contractor – Miss. LUST Trust Fund  
LUST investigations and remediation – 5  
Contaminated site investigations and remediation – 7  
Wetland delineations – 50  
Mold assessments and remediation supervision – 10  
Spill Prevention Control and Countermeasure (SPCC) plans – 12  
Rubbish and Subtitle D Landfill permits – 5  
Storm Water Pollution Prevention Plans - 20

**Gulf South Research Corporation – 2 years**  
Phase I Environmental Site Assessments – 49  
NEPA Environmental Assessments – 4

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*APPENDIX A*  
*EDR Radius Map Report*

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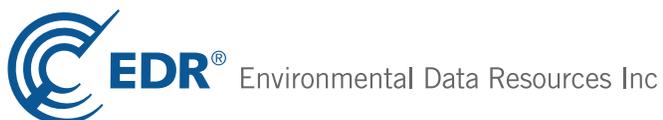
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**Naval Station Mayport**  
Baltimore Street  
Jacksonville, FL 32227

Inquiry Number: 2377777.8s  
December 08, 2008

## The EDR Radius Map™ Report with GeoCheck®



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 with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

BALTIMORE STREET  
JACKSONVILLE, FL 32227

#### COORDINATES

Latitude (North): 30.391140 - 30° 23' 28.1"  
Longitude (West): 81.398560 - 81° 23' 54.8"  
Universal Transverse Mercator: Zone 17  
UTM X (Meters): 461710.5  
UTM Y (Meters): 3362014.0  
Elevation: 8 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 30081-D4 MAYPORT, FL  
Most Recent Revision: 1994

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### FEDERAL RECORDS

NPL ..... National Priority List  
Proposed NPL ..... Proposed National Priority List Sites  
Delisted NPL ..... National Priority List Deletions  
NPL LIENS ..... Federal Superfund Liens  
CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned  
LIENS 2 ..... CERCLA Lien Information  
CORRACTS ..... Corrective Action Report  
RCRA-TSDF ..... RCRA - Transporters, Storage and Disposal  
RCRA-LQG ..... RCRA - Large Quantity Generators

## EXECUTIVE SUMMARY

RCRA-SQG.....	RCRA - Small Quantity Generators
RCRA-CESQG.....	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen.....	RCRA - Non Generators
US ENG CONTROLS.....	Engineering Controls Sites List
US INST CONTROL.....	Sites with Institutional Controls
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
DOT OPS.....	Incident and Accident Data
US CDL.....	Clandestine Drug Labs
US BROWNFIELDS.....	A Listing of Brownfields Sites
FUDS.....	Formerly Used Defense Sites
LUCIS.....	Land Use Control Information System
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
ODI.....	Open Dump Inventory
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing

### **STATE AND LOCAL RECORDS**

SHWS.....	Florida's State-Funded Action Sites
LUST.....	PCT01 - Petroleum Contamination Detail Report
UST.....	STI02 - Facility/Owner/Tank Report
AST.....	STI02 - Facility/Owner/Tank Report
FI Sites.....	Sites List
SPILLS.....	Oil and Hazardous Materials Incidents
ENG CONTROLS.....	Institutional Controls Registry
INST CONTROL.....	Institutional Controls Registry
VCP.....	Voluntary Cleanup Sites
PRIORITYCLEANERS.....	Priority Ranking List
DRYCLEANERS.....	Drycleaning Facilities
DEDB.....	Ethylene Dibromide Database Results
BROWNFIELDS.....	Brownfield Areas
NPDES.....	Wastewater Facility Regulation Database
AIRS.....	Permitted Facilities Listing
FL Cattle Dip. Vats.....	Cattle Dipping Vats
TIER 2.....	Tier 2 Facility Listing

### **TRIBAL RECORDS**

INDIAN RESERV.....	Indian Reservations
--------------------	---------------------

## EXECUTIVE SUMMARY

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
INDIAN UST..... Underground Storage Tanks on Indian Land  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants  
EDR Historical Auto Stations... EDR Proprietary Historic Gas Stations  
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL RECORDS

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAYPORT NAVAL STATION		0 - 1/8 (0.000 mi.)	0	6

### STATE AND LOCAL RECORDS

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Protection's Facility Directory (Solid Waste Facilities).

A review of the SWF/LF list, as provided by EDR, and dated 08/12/2008 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

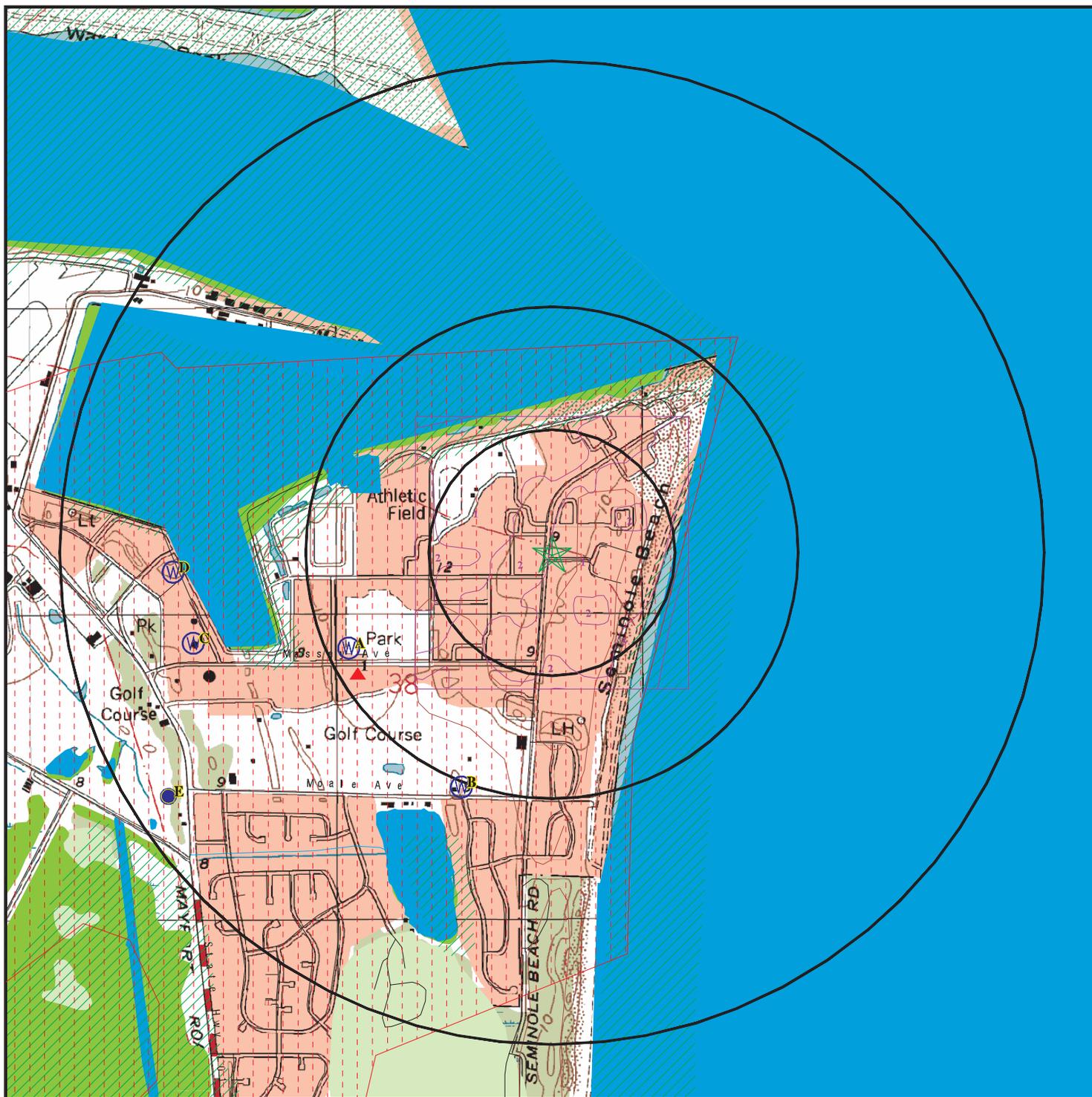
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MAYPORT NAVAL STATION INCINERA</i></b>	<b><i>MAYPORT NAVAL STATION</i></b>	<b><i>WSW 1/4 - 1/2 (0.465 mi.)</i></b>	<b><i>1</i></b>	<b><i>6</i></b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

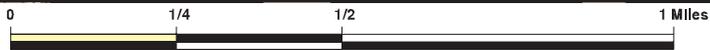
<u>Site Name</u>	<u>Database(s)</u>
CROSBY MOTORS, INC.	SHWS
207 PARTNERS	LUST
207 PARTNERS	UST
INFINGER TRUCK SPILL	UST
TAYLOR CONCRETE & SUPPLY INC	AST
2292 MAYPORT RD NAVY EXCHANGE COMM	ERNS
BEQ BLDG 846, INTERPRISE AVE AT MU	ERNS
C1-PIER MAYPORT NAVSTA	ERNS
DELTA 4 PIER NAVSTA- MAYPORT	ERNS
EDGEWOOD DRIVE STATION	ERNS
FUEL PIER AT THE AIR STATION	ERNS
MAYPORT RD & BUCKINEAR AVE	ERNS
FIRE STATION #57	FINDS
5820 BAILEY	DEDB
2439 BILLS WAY HIGHWAY	DEDB
FIRE STATION NO. 57	NPDES
NAVAL STATION MAYPORT	NPDES
FLAGLER STATION - SR-9B STOCKPILE	NPDES
FLAGLER STATION TEMPORARY SALES TR	NPDES
JACKSONVILLE NAVAL AIR STATION	NPDES

# OVERVIEW MAP - 2377777.8s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- FL Brownfield



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Naval Station Mayport  
 ADDRESS: Baltimore Street  
 Jacksonville FL 32227  
 LAT/LONG: 30.3911 / 81.3986

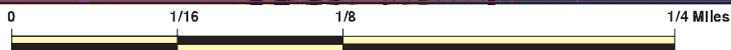
CLIENT: Gulf South Research Corp.  
 CONTACT: Steve Oivanki  
 INQUIRY #: 2377777.8s  
 DATE: December 08, 2008 12:07 pm

DETAIL MAP - 2377777.8s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- FL Brownfield



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Naval Station Mayport  
 ADDRESS: Baltimore Street  
 Jacksonville FL 32227  
 LAT/LONG: 30.3911 / 81.3986

CLIENT: Gulf South Research Corp.  
 CONTACT: Steve Oivanki  
 INQUIRY #: 2377777.8s  
 DATE: December 08, 2008 12:07 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	1	0	0	0	NR	1
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
SHWS		1.000	0	0	0	0	NR	0
SWF/LF		0.500	0	0	1	NR	NR	1
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	0	0	NR	NR	NR	0
FI Sites		1.000	0	0	0	0	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
PRIORITYCLEANERS		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
DEDB		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
FL Cattle Dip. Vats		0.500	0	0	0	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DOD  
Region

MAYPORT NAVAL STATION  
MAYPORT NAVAL STATION (County), FL

DOD CUSA147284  
N/A

< 1/8  
1 ft.

DOD:

Feature 1: Navy DOD  
Feature 2: Not reported  
Feature 3: Not reported  
URL: Not reported  
Name 1: Mayport Naval Station  
Name 2: Not reported  
Name 3: Not reported  
State: FL  
DOD Site: Yes  
Tile name: FLDUVAL

1  
WSW  
1/4-1/2  
0.465 mi.  
2453 ft.

MAYPORT NAVAL STATION INCINERATOR  
MAYPORT NAVAL STATION  
MAYPORT, FL

SWF/LF S100020904  
SPILLS N/A

Relative:  
Higher

SWF/LF:

Facility ID: 00031957  
District: NED  
Lat/Long: 30:22:30 / 81:24:0  
Class Type: ENERGY RECOVERY  
Class Status: CLOSED, NO GW MONITORING  
Facility Status: CLOSED, NO GW MONITORING  
Section: 0-  
Township: 1S-  
Range: 9E  
Responsible Authority Name: US NAVY MAYPORT NAVAL STATION  
Responsible Authority Address: P O BOX 265, CODE N422  
Responsible Authority City,St,Zip: MAYPORT, FL 32228  
Responsible Authority Phone: (904) 246-5268

Actual:  
9 ft.

SPILLS:

OHMIT Incident Number: 7182  
Incident Number: 00-11-0045Z  
On-Scene Response: No  
Criminal Indicator: No  
Hurricane Indicator: No  
Incident Date: 02/02/2000  
Incident Status: Closed  
Pollutant: Not reported  
Pollutants Category: Not reported  
Substance Spilled: Not reported  
Amount Spilled (Gallons): Not reported

Incident Party Name: Not reported  
Description: Not reported

OHMIT Incident Number: 17757  
Incident Number: 99-01-0133Z  
On-Scene Response: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAYPORT NAVAL STATION INCINERATOR (Continued)**

**S100020904**

Criminal Indicator: No  
Hurricane Indicator: No  
Incident Date: 05/11/1999  
Incident Status: Closed  
Pollutant: Not reported  
Pollutants Category: Not reported  
Substance Spilled: Not reported  
Amount Spilled (Gallons): Not reported

Incident Party Name: Not reported  
Description: Not reported

OHMIT Incident Number: 17859  
Incident Number: 99-01-0236Z  
On-Scene Response: No  
Criminal Indicator: No  
Hurricane Indicator: No  
Incident Date: 08/08/1999  
Incident Status: Closed  
Pollutant: Not reported  
Pollutants Category: Not reported  
Substance Spilled: Not reported  
Amount Spilled (Gallons): Not reported

Incident Party Name: Not reported  
Description: Not reported

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ATLANTIC BEACH	94391591	2292 MAYPORT RD NAVY EXCHANGE COMM	2292 MAYPORT RD NAVY EXCHANGE	32227	ERNS
JACKSONVILLE	S108806555		2439 BILLS WAY HIGHWAY		DEDB
JACKSONVILLE	U004027851	INFINGER TRUCK SPILL	US HWY 1A @ ATLANTIC BLVD		UST
JACKSONVILLE	2003645694	MAYPORT RD & BUCKINEAR AVE	MAYPORT RD & BUCKINEAR AVE		ERNS
JACKSONVILLE	A100202443	TAYLOR CONCRETE & SUPPLY INC	PHILLIPS HWY		AST
JACKSONVILLE	S107553497	207 PARTNERS	SR 207 / CR 305		LUST
JACKSONVILLE	U004037388	207 PARTNERS	SR 207 & CR 305		UST
JACKSONVILLE	S108817624		5820 BAILEY		DEDB
JACKSONVILLE	1011397250	FIRE STATION #57	BEAVER ST/HUTCHINSON RD INTERS		FINDS
JACKSONVILLE	S107802196	FIRE STATION NO. 57	BEAVER ST/HUTCHINSON RD INTERS		NPDES
JACKSONVILLE	875048	BEQ BLDG 846, INTERPRISE AVE AT MU	BEQ BLDG 846, INTERPRISE AVE A		ERNS
JACKSONVILLE	S107805442	NAVAL STATION MAYPORT	PO BOX 280067		NPDES
JACKSONVILLE	93300877	C1-PIER MAYPORT NAVSTA	C1-PIER MAYPORT NAVSTA		ERNS
JACKSONVILLE	S104535210	CROSBY MOTORS, INC.	39 CLIFFORD LANE		SHWS
JACKSONVILLE	94374731	DELTA 4 PIER NAVSTA- MAYPORT	DELTA 4 PIER NAVSTA- MAYPORT		ERNS
JACKSONVILLE	S108516077	FLAGLER STATION - SR-9B STOCKPILE	DURBIN BLVD / CITICARDS WAY		NPDES
JACKSONVILLE	S107802277	FLAGLER STATION TEMPORARY SALES TR	DURBIN BLVD / CITICARDS WAY		NPDES
JACKSONVILLE	99616116	EDGEWOOD DRIVE STATION	EDGEWOOD DRIVE STATION		ERNS
JACKSONVILLE	S108399973	JACKSONVILLE NAVAL AIR STATION	FACILITIES AND ENVIRONMENTAL D		NPDES
JACKSONVILLE	90159362	FUEL PIER AT THE AIR STATION	FUEL PIER AT THE AIR STATION		ERNS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## FEDERAL RECORDS

### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

### NPL Site Boundaries

#### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

### DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: No Update Planned

## CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/09/2008	Source: EPA
Date Data Arrived at EDR: 07/22/2008	Telephone: 703-412-9810
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 10/16/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/12/2009
	Data Release Frequency: Quarterly

## CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 09/15/2008
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/15/2008
	Data Release Frequency: Quarterly

## LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/29/2008	Telephone: 202-564-6023
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 11	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

## CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008	Source: EPA
Date Data Arrived at EDR: 09/19/2008	Telephone: 800-424-9346
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 12/01/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/02/2009
	Data Release Frequency: Quarterly

## RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2008  
Date Data Arrived at EDR: 09/23/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 23

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 11/18/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008  
Date Data Arrived at EDR: 09/23/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 23

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 11/18/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2008  
Date Data Arrived at EDR: 09/23/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 23

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 11/18/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008  
Date Data Arrived at EDR: 09/23/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 23

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 11/18/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Varies

## RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008  
Date Data Arrived at EDR: 09/23/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 23

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 11/18/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/23/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2008	Telephone: 703-603-0695
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/29/2008
	Data Release Frequency: Varies

## US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/23/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2008	Telephone: 703-603-0695
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 06/30/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/29/2008
	Data Release Frequency: Varies

## ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 10/21/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 01/19/2009
	Data Release Frequency: Annually

## HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2008	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/16/2008	Telephone: 202-366-4555
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 10/16/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/12/2009
	Data Release Frequency: Annually

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 11/26/2008
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Varies

## CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 10/31/2008  
Next Scheduled EDR Contact: 12/22/2008  
Data Release Frequency: Quarterly

## US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 08/25/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 10/16/2008  
Next Scheduled EDR Contact: 01/12/2009  
Data Release Frequency: Semi-Annually

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 703-692-8801  
Last EDR Contact: 11/07/2008  
Next Scheduled EDR Contact: 02/02/2009  
Data Release Frequency: Semi-Annually

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 09/05/2008  
Date Made Active in Reports: 09/23/2008  
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 09/05/2008  
Next Scheduled EDR Contact: 12/29/2008  
Data Release Frequency: Varies

## LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 12/08/2008  
Next Scheduled EDR Contact: 03/09/2009  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/25/2008  
Date Data Arrived at EDR: 06/12/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/20/2008  
Next Scheduled EDR Contact: 01/19/2009  
Data Release Frequency: Varies

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/18/2008  
Date Data Arrived at EDR: 07/11/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 45

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/29/2008  
Next Scheduled EDR Contact: 12/29/2008  
Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 09/15/2008  
Next Scheduled EDR Contact: 12/15/2008  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008  
Date Data Arrived at EDR: 04/17/2008  
Date Made Active in Reports: 05/15/2008  
Number of Days to Update: 28

Source: EPA, Region 9  
Telephone: 415-972-3336  
Last EDR Contact: 09/22/2008  
Next Scheduled EDR Contact: 12/22/2008  
Data Release Frequency: Varies

## MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2008  
Date Data Arrived at EDR: 09/23/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/23/2008  
Next Scheduled EDR Contact: 12/22/2008  
Data Release Frequency: Semi-Annually

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 09/19/2008  
Next Scheduled EDR Contact: 12/15/2008  
Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 46

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 10/14/2008  
Next Scheduled EDR Contact: 01/12/2009  
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/12/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 38

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 09/15/2008  
Next Scheduled EDR Contact: 12/15/2008  
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 07/12/2008  
Date Data Arrived at EDR: 07/18/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 38

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 09/15/2008  
Next Scheduled EDR Contact: 12/15/2008  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 03/14/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 12/04/2008  
Next Scheduled EDR Contact: 01/12/2009  
Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008  
Date Data Arrived at EDR: 08/13/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 10/14/2008  
Next Scheduled EDR Contact: 01/12/2009  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007  
Date Data Arrived at EDR: 02/07/2008  
Date Made Active in Reports: 03/17/2008  
Number of Days to Update: 39

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 09/18/2008  
Next Scheduled EDR Contact: 11/03/2008  
Data Release Frequency: Annually

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/03/2008  
Date Data Arrived at EDR: 10/15/2008  
Date Made Active in Reports: 11/19/2008  
Number of Days to Update: 35

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 09/29/2008  
Next Scheduled EDR Contact: 12/29/2008  
Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/29/2008  
Date Data Arrived at EDR: 07/31/2008  
Date Made Active in Reports: 08/25/2008  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/29/2008  
Next Scheduled EDR Contact: 01/26/2009  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/01/2008	Source: EPA
Date Data Arrived at EDR: 07/09/2008	Telephone: (404) 562-9900
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/29/2008
	Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 09/12/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 12/08/2008
	Data Release Frequency: Biennially

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2008	Telephone: 615-532-8599
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 11/25/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/09/2009
	Data Release Frequency: Varies

## STATE AND LOCAL RECORDS

### SHWS: Florida's State-Funded Action Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/05/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/17/2008	Telephone: 850-488-0190
Date Made Active in Reports: 09/24/2008	Last EDR Contact: 09/17/2008
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/15/2008
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/12/2008  
Date Data Arrived at EDR: 08/12/2008  
Date Made Active in Reports: 08/21/2008  
Number of Days to Update: 9

Source: Department of Environmental Protection  
Telephone: 850-922-7121  
Last EDR Contact: 11/10/2008  
Next Scheduled EDR Contact: 02/09/2009  
Data Release Frequency: Semi-Annually

## LUST: PCT01 - Petroleum Contamination Detail Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/01/2008  
Date Data Arrived at EDR: 08/28/2008  
Date Made Active in Reports: 09/24/2008  
Number of Days to Update: 27

Source: Department of Environmental Protection  
Telephone: 850-245-8839  
Last EDR Contact: 11/26/2008  
Next Scheduled EDR Contact: 02/23/2009  
Data Release Frequency: Quarterly

## UST: STI02 - Facility/Owner/Tank Report

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/01/2008  
Date Data Arrived at EDR: 08/28/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 32

Source: Department of Environmental Protection  
Telephone: 850-245-8839  
Last EDR Contact: 11/26/2008  
Next Scheduled EDR Contact: 02/23/2009  
Data Release Frequency: Quarterly

## AST: STI02 - Facility/Owner/Tank Report

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2008  
Date Data Arrived at EDR: 08/28/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 32

Source: Department of Environmental Protection  
Telephone: 850-245-8839  
Last EDR Contact: 11/26/2008  
Next Scheduled EDR Contact: 02/23/2009  
Data Release Frequency: Quarterly

## FL SITES: Sites List

This summary status report was developed from a number of lists including the Eckhardt list, the Moffit list, the EPA Hazardous Waste Sites list, EPA's Emergency & Remedial Response information System list (RCRA Section 3012) & existing department lists such as the obsolete uncontrolled Hazardous Waste Sites list. This list is no longer updated.

Date of Government Version: 12/31/1989  
Date Data Arrived at EDR: 05/09/1994  
Date Made Active in Reports: 08/04/1994  
Number of Days to Update: 87

Source: Department of Environmental Protection  
Telephone: 850-245-8705  
Last EDR Contact: 03/24/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SPILLS: Oil and Hazardous Materials Incidents

Statewide oil and hazardous materials inland incidents.

Date of Government Version: 08/04/2008  
Date Data Arrived at EDR: 08/05/2008  
Date Made Active in Reports: 08/21/2008  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: 850-488-2974  
Last EDR Contact: 11/03/2008  
Next Scheduled EDR Contact: 02/02/2009  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENG CONTROLS: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

Date of Government Version: 07/23/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/29/2008	Telephone: 850-245-8927
Date Made Active in Reports: 08/21/2008	Last EDR Contact: 10/27/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Semi-Annually

## Inst Control: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to institutional and engineering controls.

Date of Government Version: 07/23/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/29/2008	Telephone: 850-245-8927
Date Made Active in Reports: 08/21/2008	Last EDR Contact: 10/27/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Semi-Annually

## VCP: Voluntary Cleanup Sites

Listing of closed and active voluntary cleanup sites.

Date of Government Version: 10/07/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/07/2008	Telephone: 850-245-8705
Date Made Active in Reports: 10/14/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/15/2008
	Data Release Frequency: Varies

## PRIORITYCLEANERS: Priority Ranking List

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility.

Date of Government Version: 09/01/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/09/2008	Telephone: 850-245-8927
Date Made Active in Reports: 09/24/2008	Last EDR Contact: 09/09/2008
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/08/2008
	Data Release Frequency: Varies

## DRYCLEANERS: Drycleaning Facilities

No description is available for this data

Date of Government Version: 08/01/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/21/2008	Telephone: 850-245-8927
Date Made Active in Reports: 08/29/2008	Last EDR Contact: 11/18/2008
Number of Days to Update: 8	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

## DEDB: Ethylene Dibromide Database Results

Ethylene dibromide (EDB), a soil fumigant, that has been detected in drinking water wells. The amount found exceeds the maximum contaminant level as stated in Chapter 62-550 or 520. It is a potential threat to public health when present in drinking water.

Date of Government Version: 10/20/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/20/2008	Telephone: 850-245-8335
Date Made Active in Reports: 11/17/2008	Last EDR Contact: 10/14/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/12/2009
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BROWNFIELDS: Brownfield Areas

Brownfields are abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. Florida's Brownfields Redevelopment Act primary goals are to reduce health and environmental hazards on existing commercial and industrial sites that are abandoned or underused due to these hazards and create financial and regulatory incentives to encourage voluntary cleanup and redevelopment of sites.

Date of Government Version: 07/28/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/31/2008	Telephone: 850-245-8927
Date Made Active in Reports: 08/21/2008	Last EDR Contact: 10/29/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Semi-Annually

## WASTEWATER: Wastewater Facility Regulation Database

Domestic and industrial wastewater facilities.

Date of Government Version: 08/07/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/03/2008	Telephone: 850-921-9495
Date Made Active in Reports: 09/24/2008	Last EDR Contact: 09/03/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/01/2008
	Data Release Frequency: Quarterly

## AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 08/27/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/27/2008	Telephone: 850-921-9558
Date Made Active in Reports: 08/29/2008	Last EDR Contact: 11/24/2008
Number of Days to Update: 2	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Varies

## FL Cattle Dip. Vats: Cattle Dipping Vats

From the 1910's through the 1950's, these vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides, such as DDT, were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Date of Government Version: 02/04/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/29/2007	Telephone: 850-488-3601
Date Made Active in Reports: 07/11/2007	Last EDR Contact: 11/03/2008
Number of Days to Update: 12	Next Scheduled EDR Contact: 02/02/2009
	Data Release Frequency: No Update Planned

## TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 10/01/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/24/2008	Telephone: 850-413-9970
Date Made Active in Reports: 11/17/2008	Last EDR Contact: 10/20/2008
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/05/2009
	Data Release Frequency: Varies

## TRIBAL RECORDS

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/07/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/02/2009
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 11/24/2008  
Next Scheduled EDR Contact: 02/23/2009  
Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/22/2008  
Date Data Arrived at EDR: 08/22/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 18

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008  
Date Data Arrived at EDR: 10/10/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/17/2008  
Date Data Arrived at EDR: 03/27/2008  
Date Made Active in Reports: 05/06/2008  
Number of Days to Update: 40

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 11/19/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/05/2008  
Date Data Arrived at EDR: 09/05/2008  
Date Made Active in Reports: 09/23/2008  
Number of Days to Update: 18

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/06/2008  
Date Data Arrived at EDR: 10/09/2008  
Date Made Active in Reports: 11/19/2008  
Number of Days to Update: 41

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Semi-Annually

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008  
Date Data Arrived at EDR: 03/14/2008  
Date Made Active in Reports: 03/20/2008  
Number of Days to Update: 6

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/21/2008	Source: EPA Region 8
Date Data Arrived at EDR: 09/04/2008	Telephone: 303-312-6271
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 5	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 06/06/2008	Source: EPA Region 4
Date Data Arrived at EDR: 10/09/2008	Telephone: 404-562-9424
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008	Source: EPA Region 6
Date Data Arrived at EDR: 09/05/2008	Telephone: 214-665-7591
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

## INDIAN UST R7: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/19/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 08/21/2008	Source: EPA Region 8
Date Data Arrived at EDR: 09/04/2008	Telephone: 303-312-6137
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 5	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 10/16/2008  
Number of Days to Update: 27

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 08/22/2008  
Date Data Arrived at EDR: 08/22/2008  
Date Made Active in Reports: 09/09/2008  
Number of Days to Update: 18

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 11/17/2008  
Next Scheduled EDR Contact: 02/16/2009  
Data Release Frequency: Quarterly

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 10/20/2008  
Next Scheduled EDR Contact: 01/19/2009  
Data Release Frequency: Varies

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 10/20/2008  
Next Scheduled EDR Contact: 01/19/2009  
Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALACHUA COUNTY:

#### Facility List

List of all regulated facilities in Alachua County.

Date of Government Version: 04/16/2008  
Date Data Arrived at EDR: 04/17/2008  
Date Made Active in Reports: 05/12/2008  
Number of Days to Update: 25

Source: Alachua County Environmental Protection Department  
Telephone: 352-264-6800  
Last EDR Contact: 09/15/2008  
Next Scheduled EDR Contact: 12/15/2008  
Data Release Frequency: Annually

### BROWARD COUNTY:

#### Aboveground Storage Tanks

Aboveground storage tank locations in Broward County.

Date of Government Version: 04/08/2008  
Date Data Arrived at EDR: 04/11/2008  
Date Made Active in Reports: 05/14/2008  
Number of Days to Update: 33

Source: Broward County Environmental Protection Department  
Telephone: 954-818-7509  
Last EDR Contact: 09/26/2008  
Next Scheduled EDR Contact: 12/22/2008  
Data Release Frequency: Varies

#### Underground Storage Tanks

All known regulated storage tanks within Broward County, including those tanks that have been closed

Date of Government Version: 04/08/2008  
Date Data Arrived at EDR: 04/11/2008  
Date Made Active in Reports: 05/13/2008  
Number of Days to Update: 32

Source: Broward County Environmental Protection Department  
Telephone: 954-818-7509  
Last EDR Contact: 09/26/2008  
Next Scheduled EDR Contact: 12/22/2008  
Data Release Frequency: Annually

### MIAMI-DADE COUNTY:

#### Air Permit Sites

Facilities that release or have a potential to release pollutants.

Date of Government Version: 10/10/2008  
Date Data Arrived at EDR: 10/20/2008  
Date Made Active in Reports: 11/17/2008  
Number of Days to Update: 28

Source: Department of Environmental Resources Management  
Telephone: 305-372-6755  
Last EDR Contact: 09/22/2008  
Next Scheduled EDR Contact: 12/22/2008  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Marine Facilities Operating Permit

What is this permit used for? Miami-Dade County Ordinance 89-104 and Section 24-18 of the Code of Miami-Dade County require the following types of marine facilities to obtain annual operating permits from DERM: All recreational boat docking facilities with ten (10) or more boat slips, moorings, davit spaces, and vessel tie-up spaces. All boat storage facilities contiguous to tidal waters in Miami-Dade County with ten (10) or more dry storage spaces including boatyards and boat manufacturing facilities.

Date of Government Version: 10/10/2008	Source: DERM
Date Data Arrived at EDR: 10/20/2008	Telephone: 305-372-3576
Date Made Active in Reports: 11/17/2008	Last EDR Contact: 09/22/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/22/2008
	Data Release Frequency: Quarterly

## Miami River Enforcement

The Miami River Enforcement database files were created for facilities and in some instances vessels that were inspected by a workgroup within the Department that was identified as the Miami River Enforcement Group. The files do not all necessarily reflect enforcement cases and some were created for locations that were permitted by other Sections within the Department.

Date of Government Version: 10/10/2008	Source: DERM
Date Data Arrived at EDR: 10/20/2008	Telephone: 305-372-3576
Date Made Active in Reports: 11/17/2008	Last EDR Contact: 09/22/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/22/2008
	Data Release Frequency: Quarterly

## Industrial Waste Permit Sites

Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 10/10/2008	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 10/20/2008	Telephone: 305-372-6700
Date Made Active in Reports: 11/17/2008	Last EDR Contact: 09/22/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/22/2008
	Data Release Frequency: Semi-Annually

## Fuel Spills Cases

DERM documents fuel spills of sites that are not in a state program.

Date of Government Version: 10/10/2008	Source: Department of Environmental Resources Management
Date Data Arrived at EDR: 10/20/2008	Telephone: 305-372-6755
Date Made Active in Reports: 11/17/2008	Last EDR Contact: 09/22/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/22/2008
	Data Release Frequency: Semi-Annually

## Underground Storage Tanks

The facility has on-site underground storage tanks which stores petroleum product.

Date of Government Version: 10/10/2008	Source: Department of Environmental Resource Management
Date Data Arrived at EDR: 10/20/2008	Telephone: 305-372-6700
Date Made Active in Reports: 11/20/2008	Last EDR Contact: 09/22/2008
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2008
	Data Release Frequency: Semi-Annually

## **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 06/15/2007  
Date Made Active in Reports: 08/20/2007  
Number of Days to Update: 66

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 09/12/2008  
Next Scheduled EDR Contact: 12/08/2008  
Data Release Frequency: Annually

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007  
Date Data Arrived at EDR: 12/04/2007  
Date Made Active in Reports: 12/31/2007  
Number of Days to Update: 27

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 11/07/2008  
Next Scheduled EDR Contact: 02/02/2009  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/23/2008  
Date Data Arrived at EDR: 08/28/2008  
Date Made Active in Reports: 09/11/2008  
Number of Days to Update: 14

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/26/2008  
Next Scheduled EDR Contact: 02/23/2009  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 09/11/2008  
Date Made Active in Reports: 10/02/2008  
Number of Days to Update: 21

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 09/08/2008  
Next Scheduled EDR Contact: 12/08/2008  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/07/2008  
Date Data Arrived at EDR: 10/10/2008  
Date Made Active in Reports: 10/28/2008  
Number of Days to Update: 18

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 09/15/2008  
Next Scheduled EDR Contact: 12/15/2008  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 08/22/2008  
Date Made Active in Reports: 09/08/2008  
Number of Days to Update: 17

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 10/06/2008  
Next Scheduled EDR Contact: 01/05/2009  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: PennWell Corporation  
Telephone: (800) 823-6277

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Department of Children & Families

Source: Provider Information

Telephone: 850-488-4900

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 850-245-8238

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

NAVAL STATION MAYPORT  
BALTIMORE STREET  
JACKSONVILLE, FL 32227

### TARGET PROPERTY COORDINATES

Latitude (North):	30.39114 - 30° 23' 28.1"
Longitude (West):	81.39856 - 81° 23' 54.8"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	461710.5
UTM Y (Meters):	3362014.0
Elevation:	8 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	30081-D4 MAYPORT, FL
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

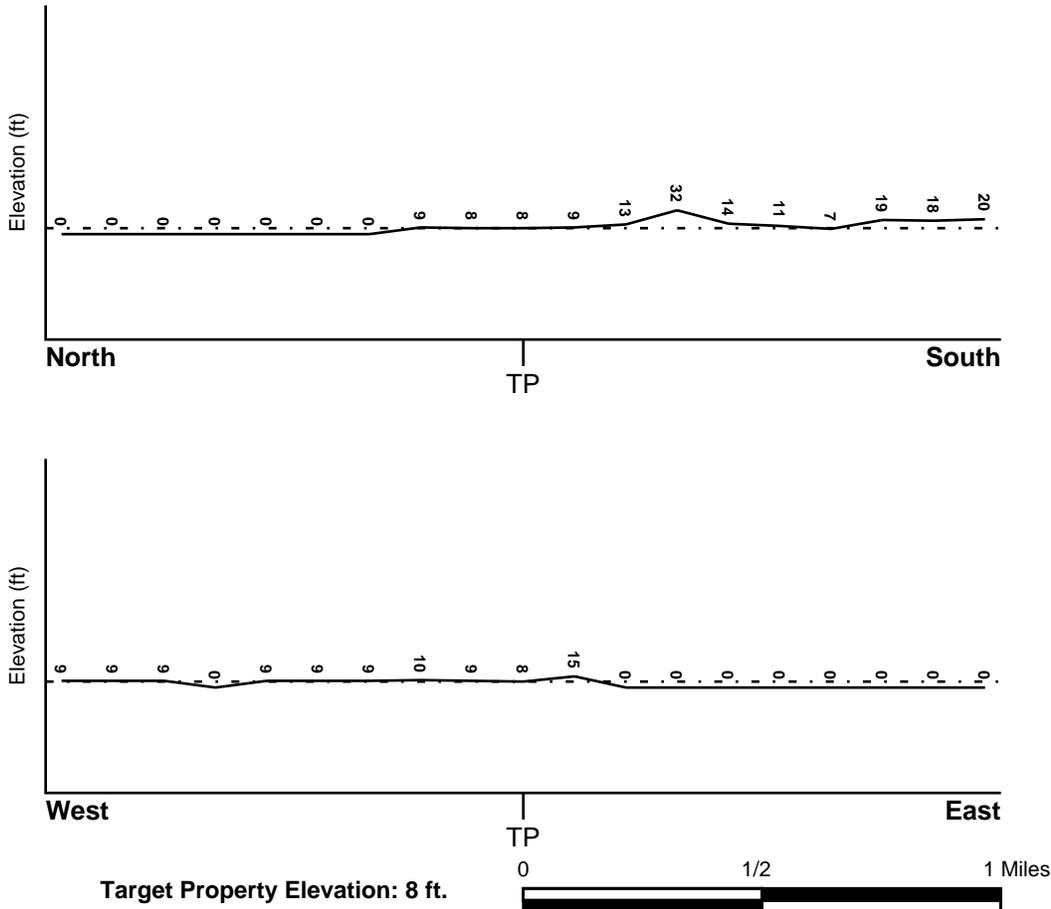
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Target Property County</u> DUVAL, FL	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	1200770253F
Additional Panels in search area:	1200770261E

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> MAYPORT	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	--

## **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

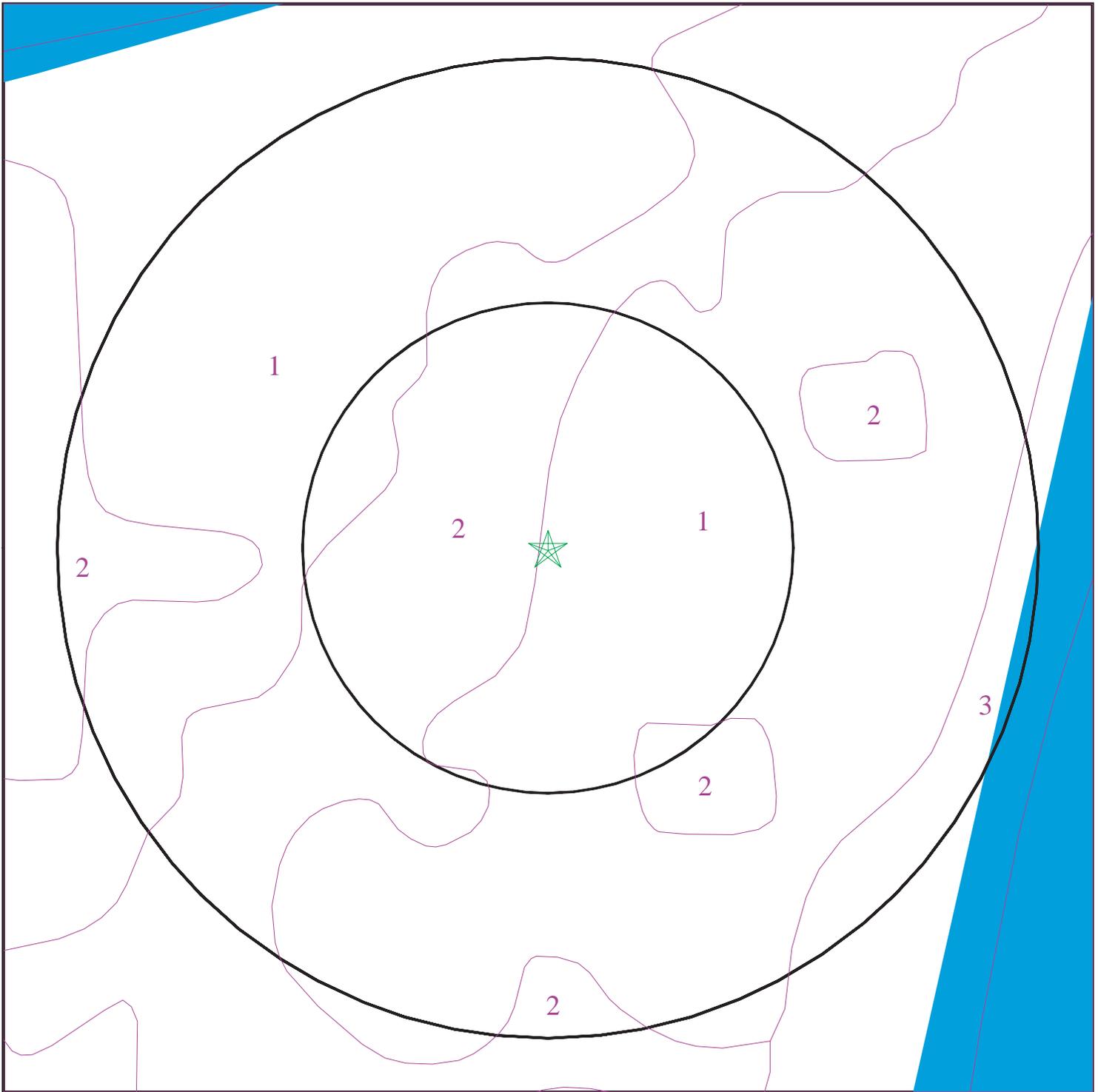
Era:	Cenozoic
System:	Quaternary
Series:	Holocene
Code:	Qh <i>(decoded above as Era, System &amp; Series)</i>

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 2377777.8s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Naval Station Mayport  
ADDRESS: Baltimore Street  
          Jacksonville FL 32227  
LAT/LONG: 30.3911 / 81.3986

CLIENT: Gulf South Research Corp.  
CONTACT: Steve Oivanki  
INQUIRY #: 2377777.8s  
DATE: December 08, 2008 12:07 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: Arents

Soil Surface Texture: variable

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 3

Soil Component Name: Beaches

Soil Surface Texture: fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.176 Min: 42.3529	Max: 7.8 Min: 5.1
2	5 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.176 Min: 42.3529	Max: 7.8 Min: 5.1

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

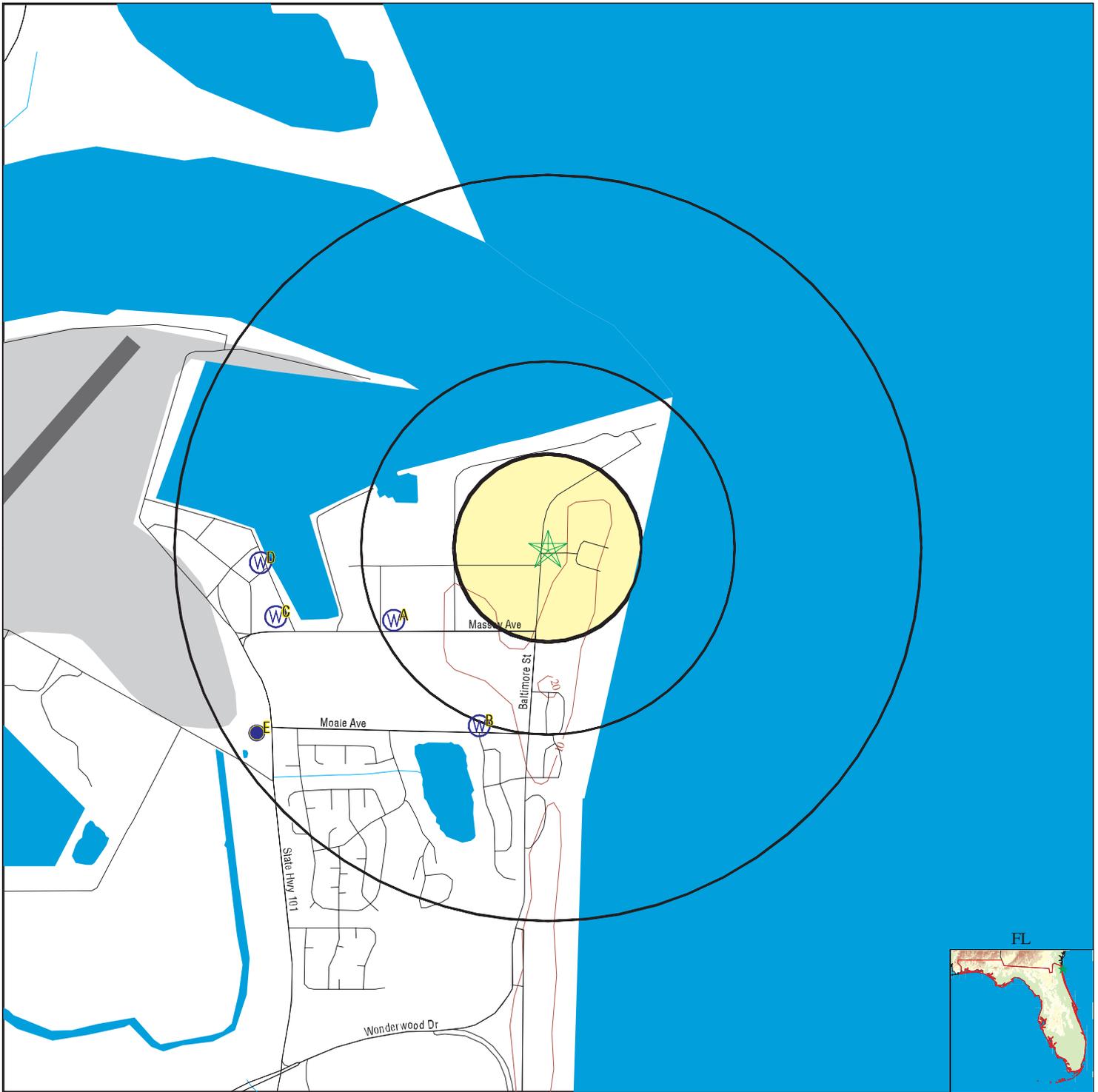
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
E15	FL2160734	1/2 - 1 Mile WSW

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	FLSA30000067750	1/4 - 1/2 Mile WSW
A2	FLSJ30000013658	1/4 - 1/2 Mile WSW
A3	FLSA30000067740	1/4 - 1/2 Mile WSW
B4	FLSJ30000013656	1/2 - 1 Mile SSW
B5	FLSA30000067650	1/2 - 1 Mile SSW
C6	FLSA30000067747	1/2 - 1 Mile WSW
C7	FLSJ30000013660	1/2 - 1 Mile WSW
D8	FLSJ30000013664	1/2 - 1 Mile West
C9	FLSA30000067741	1/2 - 1 Mile WSW
C10	FLSJ30000013659	1/2 - 1 Mile WSW
D11	FLSA30000067787	1/2 - 1 Mile West
E12	FLSJ30000013655	1/2 - 1 Mile WSW
E13	FLSA30000067648	1/2 - 1 Mile WSW
E14	FLSA30000067647	1/2 - 1 Mile WSW

# PHYSICAL SETTING SOURCE MAP - 2377777.8s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells
- Sink holes



SITE NAME: Naval Station Mayport  
 ADDRESS: Baltimore Street  
 Jacksonville FL 32227  
 LAT/LONG: 30.3911 / 81.3986

CLIENT: Gulf South Research Corp.  
 CONTACT: Steve Oivanki  
 INQUIRY #: 2377777.8s  
 DATE: December 08, 2008 12:07 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**WSW**  
**1/4 - 1/2 Mile**  
**Higher**

**FL WELLS      FLSA30000067750**

Fluwid:	160017504	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Not Reported
Longitude:	-81.405064		
Latitude:	30.388697		
Well depth:	0		
Well cas 1:	0		
Well cas 2:	0	Well permi:	Not Reported
Well comme:	Not Reported		
Well sanit:	Not Reported	Well busin:	Not Reported
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	0		
Gps date:	01/31/2005 00:00:00	Location m:	MMAP
Project id:	ANDREW	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	DUVAL	Address:	DEPT OF PUBLIC WORKS
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	DEPT OF PUBLIC WORKS
Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	Not Reported	City:	MAYPORT
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	OWNER	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	DEPT OF PUBLIC WORKS	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	MAYPORT
Contact 2:	Not Reported	Contact zi:	32228
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	416596		
Gps id:	416596		
Wsrp id:	160017504	Action:	UNFILTERED
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067750

**A2**  
**WSW**  
**1/4 - 1/2 Mile**  
**Higher**

**FL WELLS      FLSJ30000013658**

Area:	0		
Perimeter:	0		
Flsjd#:	13658	Flsjd id:	13658
Offcl prmt:	589		
Stn id:	5926		
Stn alias :	5		
Prmt proj :	Naval Station Mayport		
Gps:	Y	Stn tp:	well
Stn stts:	Active		
Well csng1:	430		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	988	Qa code:	0
Well csng2:	16	Rng id:	29E
Sect id:	38	County:	Duval
Twncshp id:	1S		
Source:	Floridan Aquifer		
Max cap qt:	1800		
Lat no:	302317		
Long no:	812420		
Create dat:	02/22/2006 00:00:00	Edit date:	02/22/2006 00:00:00
Objectid:	50869		
Editor:	Not Reported		
Dec lat:	30.38812288		
Dec long:	-81.40564767		
Site id:	FLSJ30000013658		

**A3  
WSW  
1/4 - 1/2 Mile  
Higher**

**FL WELLS      FLSA30000067740**

Fluwid:	AAH0247	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Galvanized
Longitude:	-81.405687		
Latitude:	30.388135		
Well depth:	988		
Well cas 1:	0		
Well cas 2:	16	Well permi:	Not Reported
Well comme:	5E		
Well sanit:	Yes	Well busin:	US NAVY MAYPORT NAVAL STATION
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	2.64		
Gps date:	08/17/2001 00:00:00	Location m:	DGPS
Project id:	SUPER	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	Duval	Address:	MASSEY AND SUPPLY ST
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	MASSEY AND SUPPLY ST
Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	32228	City:	Jacksonville
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	Not Reported	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	Not Reported	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	Not Reported
Contact 2:	Not Reported	Contact zi:	Not Reported
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	323458		
Gps id:	323458		
Wsrp id:	Not Reported	Action:	Not Reported
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067740

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**B4**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**FL WELLS      FLSJ30000013656**

Area:	0		
Perimeter:	0		
Flsjd#:	13656	Flsjd id:	13656
Offcl prmt:	589		
Stn id:	33450		
Stn alias :	1R		
Prmt proj :	Naval Station Mayport		
Gps:	Y	Stn tp:	well
Stn stts:	Active		
Well csng1:	427		
Well cur d:	700		
Well csng2:	10	Qa code:	0
Sect id:	38	Rng id:	29E
Twnshp id:	1S	County:	Duval
Source:	Floridan Aquifer		
Max cap qt:	1000		
Lat no:	302303		
Long no:	812405		
Create dat:	08/31/2006 00:00:00	Edit date:	09/02/2003 00:00:00
Objectid:	43270		
Editor:	Not Reported		
Dec lat:	30.38421404		
Dec long:	-81.40162404		
Site id:	FLSJ30000013656		

**B5**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**FL WELLS      FLSA30000067650**

Fluwid:	AAH0249	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Galvanized
Longitude:	-81.401637		
Latitude:	30.384215		
Well depth:	700		
Well cas 1:	0		
Well cas 2:	10	Well permi:	2160734
Well comme:	1R-A		
Well sanit:	Yes	Well busin:	US NAVY MAYPORT NAVAL STATION
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	1.98		
Gps date:	08/17/2001 00:00:00	Location m:	DGPS
Project id:	SUPER	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	Duval	Address:	GOLF COURSE
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	GOLF COURSE

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	32228	City:	Jacksonville
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	Not Reported	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	Not Reported	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	Not Reported
Contact 2:	Not Reported	Contact zi:	Not Reported
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	323462		
Gps id:	323462		
Wsrp id:	Not Reported	Action:	Not Reported
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067650

**C6  
WSW  
1/2 - 1 Mile  
Higher**

**FL WELLS      FLSA30000067747**

Fluwid:	160017503	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Not Reported
Longitude:	-81.410526		
Latitude:	30.388508		
Well depth:	0		
Well cas 1:	0		
Well cas 2:	0	Well permi:	Not Reported
Well comme:	Not Reported		
Well sanit:	Not Reported	Well busin:	Not Reported
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	0		
Gps date:	01/31/2005 00:00:00	Location m:	MMAP
Project id:	ANDREW	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	DUVAL	Address:	DEPT OF PUBLIC WORKS
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	DEPT OF PUBLIC WORKS
Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	Not Reported	City:	MAYPORT
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	OWNER	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	DEPT OF PUBLIC WORKS	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	MAYPORT
Contact 2:	Not Reported	Contact zi:	32228
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	416594		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Gps id:	416594	Action:	UNFILTERED
Wsrp id:	160017503	Petroleum :	Not Sampled Within Previous Year
Potable st:	POTABLE		
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067747

**C7**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FL WELLS      FLSJ30000013660**

Area:	0		
Perimeter:	0		
Flsjd#:	13660	Flsjd id:	13660
Offcl prmt:	589		
Stn id:	21536		
Stn alias :	P-5		
Prmt proj :	Naval Station Mayport		
Gps:	Not Reported	Stn tp:	pump
Stn stts:	Active		
Well csng1:	0		
Well cur d:	0		
Well csng2:	0	Qa code:	0
Sect id:	38	Rng id:	29E
Twnsip id:	1S	County:	Not Reported
Source:	St. Johns River		
Max cap qt:	3500		
Lat no:	302320		
Long no:	812438		
Create dat:	07/28/2003 00:00:00	Edit date:	08/03/2006 00:00:00
Objectid:	40270		
Editor:	Not Reported		
Dec lat:	30.389034		
Dec long:	-81.41071158		
Site id:	FLSJ30000013660		

**D8**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FL WELLS      FLSJ30000013664**

Area:	0		
Perimeter:	0		
Flsjd#:	13664	Flsjd id:	13664
Offcl prmt:	589		
Stn id:	21535		
Stn alias :	P-4		
Prmt proj :	Naval Station Mayport		
Gps:	Not Reported	Stn tp:	pump
Stn stts:	Active		
Well csng1:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	0	Qa code:	0
Well csng2:	0	Rng id:	29E
Sect id:	38	County:	Not Reported
Twncshp id:	1S		
Source:	St. Johns River		
Max cap qt:	2000		
Lat no:	302325		
Long no:	812440		
Create dat:	07/03/2003 00:00:00	Edit date:	06/19/2003 00:00:00
Objectid:	42650		
Editor:	Not Reported		
Dec lat:	30.39041779		
Dec long:	-81.41120909		
Site id:	FLSJ30000013664		

**C9  
WSW  
1/2 - 1 Mile  
Higher**

**FL WELLS      FLSA30000067741**

Fluwid:	AAH0250	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Galvanized
Longitude:	-81.410892		
Latitude:	30.388152		
Well depth:	982		
Well cas 1:	0		
Well cas 2:	16	Well permi:	2160734
Well comme:	3C		
Well sanit:	Yes	Well busin:	US NAVY MAYPORT NAVAL STATION
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	3.88		
Gps date:	08/17/2001 00:00:00	Location m:	DGPS
Project id:	SUPER	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	Duval	Address:	MASSEY ST WATER PLANT
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	MASSEY ST WATER PLANT
Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	32228	City:	Jacksonville
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	Not Reported	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	Not Reported	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	Not Reported
Contact 2:	Not Reported	Contact zi:	Not Reported
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	323464		
Gps id:	323464		
Wsrp id:	Not Reported	Action:	Not Reported
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067741

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**C10**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FL WELLS      FLSJ30000013659**

Area:	0		
Perimeter:	0		
Flsjd#:	13659	Flsjd id:	13659
Offcl prmt:	589		
Stn id:	5924		
Stn alias :	3		
Prmt proj :	Naval Station Mayport		
Gps:	Y	Stn tp:	well
Stn stts:	Active		
Well csng1:	415		
Well cur d:	982		
Well csng2:	16	Qa code:	0
Sect id:	38	Rng id:	29E
Twnsnp id:	1S	County:	Duval
Source:	Floridan Aquifer		
Max cap qt:	1600		
Lat no:	302317		
Long no:	812439		
Create dat:	04/04/2006 00:00:00	Edit date:	04/04/2006 00:00:00
Objectid:	50042		
Editor:	Not Reported		
Dec lat:	30.38815015		
Dec long:	-81.41089649		
Site id:	FLSJ30000013659		

**D11**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FL WELLS      FLSA30000067787**

Fluwid:	160017502	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Not Reported
Longitude:	-81.411678		
Latitude:	30.390707		
Well depth:	0		
Well cas 1:	0		
Well cas 2:	0	Well permi:	Not Reported
Well comm:	Not Reported		
Well sanit:	Not Reported	Well busin:	Not Reported
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	0		
Gps date:	01/31/2005 00:00:00	Location m:	MMAP
Project id:	ANDREW	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	DUVAL	Address:	DEPT OF PUBLIC WORKS
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	DEPT OF PUBLIC WORKS

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	Not Reported	City:	MAYPORT
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	OWNER	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	DEPT OF PUBLIC WORKS	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	MAYPORT
Contact 2:	Not Reported	Contact zi:	32228
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	416592		
Gps id:	416592		
Wsrp id:	160017502	Action:	UNFILTERED
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067787

**E12  
WSW  
1/2 - 1 Mile  
Higher**

**FL WELLS      FLSJ30000013655**

Area:	0		
Perimeter:	0		
Flsjd#:	13655	Flsjd id:	13655
Offcl prmt:	589		
Stn id:	5925		
Stn alias :	4		
Prmt proj :	Naval Station Mayport		
Gps:	Y	Stn tp:	well
Stn stts:	Active		
Well csng1:	432		
Well cur d:	988		
Well csng2:	16	Qa code:	0
Sect id:	38	Rng id:	29E
Twshp id:	1S	County:	Duval
Source:	Floridan Aquifer		
Max cap qt:	1800		
Lat no:	302302		
Long no:	812440		
Create dat:	09/14/2006 00:00:00	Edit date:	09/14/2006 00:00:00
Objectid:	44972		
Editor:	Not Reported		
Dec lat:	30.38405552		
Dec long:	-81.41127259		
Site id:	FLSJ30000013655		

**E13  
WSW  
1/2 - 1 Mile  
Higher**

**FL WELLS      FLSA30000067648**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Fluwid:	AAH0248	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Galvanized
Longitude:	-81.411331		
Latitude:	30.384094		
Well depth:	988		
Well cas 1:	0		
Well cas 2:	16	Well permi:	2160734
Well comme:	4D		
Well sanit:	Yes	Well busin:	US NAVY MAYPORT NAVAL STATION
Resident f:	Not Reported	Resident l:	Not Reported
Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	3.4		
Gps date:	08/17/2001 00:00:00	Location m:	DGPS
Project id:	SUPER	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	Duval	Address:	MAYPORT RD AND MOALE
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	MAYPORT RD AND MOALE
Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	32228	City:	Jacksonville
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	Not Reported	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	Not Reported	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	Not Reported
Contact 2:	Not Reported	Contact zi:	Not Reported
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	323460		
Gps id:	323460		
Wsrp id:	Not Reported	Action:	Not Reported
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067648

**E14  
WSW  
1/2 - 1 Mile  
Higher**

**FL WELLS      FLSA30000067647**

Fluwid:	160017501	Well type:	Community Water System (>100,000 gallons/day)
Well statu:	ACTIVE	Well casin:	Not Reported
Longitude:	-81.411518		
Latitude:	30.384056		
Well depth:	0		
Well cas 1:	0		
Well cas 2:	0	Well permi:	Not Reported
Well comme:	Not Reported		
Well sanit:	Not Reported	Well busin:	Not Reported
Resident f:	Not Reported	Resident l:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well phone:	Not Reported	Well pho 1:	Not Reported
Datum:	WS1984		
Hae:	0		
Gps date:	01/31/2005 00:00:00	Location m:	MMAP
Project id:	ANDREW	Inspector :	Not Reported
Inspector1:	Not Reported	Inspecto 1:	Not Reported
Request nu:	Not Reported	Property i:	Not Reported
County:	DUVAL	Address:	DEPT OF PUBLIC WORKS
House numb:	Not Reported	Predirecti:	Not Reported
Prefix:	Not Reported	Street:	DEPT OF PUBLIC WORKS
Suffix:	Not Reported	Postdirect:	Not Reported
Zipcode:	Not Reported	City:	MAYPORT
Contact fi:	Not Reported	Contact la:	Not Reported
Contact ty:	OWNER	Contact ho:	Not Reported
Contact pr:	Not Reported	Contact 1:	Not Reported
Contact st:	DEPT OF PUBLIC WORKS	Contact su:	Not Reported
Contact po:	Not Reported	Contact ci:	MAYPORT
Contact 2:	Not Reported	Contact zi:	32228
Contact ph:	Not Reported	Contact 3:	Not Reported
Location i:	416590		
Gps id:	416590		
Wsrp id:	160017501	Action:	UNFILTERED
Potable st:	POTABLE	Petroleum :	Not Sampled Within Previous Year
Solvent st:	Not Sampled Within Previous Year		
Resident t:	Not Reported		
Other agen:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported	Site id:	FLSA30000067647

**E15  
WSW  
1/2 - 1 Mile  
Higher**

**FRDS PWS    FL2160734**

PWS ID:	FL2160734	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	N.A.S. MAYPORT (MAINSIDE) CODE N42 NAVAL STATION MAYPORT, FL 32228		
Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	20352160734		
Facility name:	NS MAYPORT(MAINSIDE)		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	MS. DIANE SHIDER		
Original name:	MS. DIANE SHIDER		
Contact phone:	904-542-3991	Contact address1:	BOX 30, CODE 300
Contact address2:	Not Reported	Contact city:	JACKSONVILLE
Contact zip:	32212-0030		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvcconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	23352211		
Facility name:	WELL 3C		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	MS. DIANE SHIDER		
Original name:	MS. DIANE SHIDER		
Contact phone:	904-542-3991	Contact address1:	BOX 30, CODE 300
Contact address2:	Not Reported	Contact city:	JACKSONVILLE
Contact zip:	32212-0030		

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvcconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	23362211		
Facility name:	WELL 4D		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	MS. DIANE SHIDER		
Original name:	MS. DIANE SHIDER		
Contact phone:	904-542-3991	Contact address1:	BOX 30, CODE 300
Contact address2:	Not Reported	Contact city:	JACKSONVILLE
Contact zip:	32212-0030		

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvcconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	23372211		
Facility name:	WELL 5E		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	MS. DIANE SHIDER		
Original name:	MS. DIANE SHIDER		
Contact phone:	904-542-3991	Contact address1:	BOX 30, CODE 300
Contact address2:	Not Reported	Contact city:	JACKSONVILLE
Contact zip:	32212-0030		

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvcconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	20352160734		
Facility name:	NS MAYPORT(MAINSIDE)		
Facility type:	Treatment_plant	Treatment process:	not reported
Treatment objective:	taste / odor control		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	MS. DIANE SHIDER	Contact address1:	BOX 30, CODE 300
Original name:	MS. DIANE SHIDER	Contact city:	JACKSONVILLE
Contact phone:	904-542-3991		
Contact address2:	Not Reported		
Contact zip:	32212-0030		

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	23352211		
Facility name:	WELL 3C		
Facility type:	Well	Treatment process:	not reported
Treatment objective:	taste / odor control		

Contact name:	MS. DIANE SHIDER	Contact address1:	BOX 30, CODE 300
Original name:	MS. DIANE SHIDER	Contact city:	JACKSONVILLE
Contact phone:	904-542-3991		
Contact address2:	Not Reported		
Contact zip:	32212-0030		

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	23362211		
Facility name:	WELL 4D		
Facility type:	Well	Treatment process:	not reported
Treatment objective:	taste / odor control		

Contact name:	MS. DIANE SHIDER	Contact address1:	BOX 30, CODE 300
Original name:	MS. DIANE SHIDER	Contact city:	JACKSONVILLE
Contact phone:	904-542-3991		
Contact address2:	Not Reported		
Contact zip:	32212-0030		

Pwsid:	FL2160734	Epa region:	04
State:	FL	County:	Duval
Pws name:	U. S. NAVY - MAYPORT (MAINSIDE)		
Population Served:	14642	Pwssvconn:	4184
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Fed_Govt
Facility id:	23372211		
Facility name:	WELL 5E		
Facility type:	Well	Treatment process:	not reported
Treatment objective:	taste / odor control		

Contact name:	MS. DIANE SHIDER	Contact address1:	BOX 30, CODE 300
Original name:	MS. DIANE SHIDER	Contact city:	JACKSONVILLE
Contact phone:	904-542-3991		
Contact address2:	Not Reported		
Contact zip:	32212-0030		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: System Owner/Responsible Party  
NAS-MAYPORT (MAINSIDE)  
EDWARD FRANK  
CODE N42 NAVAL STATION  
MAYPORT, FL 32228

Facility Latitude: 30 23 0.0000  
City Served: Not Reported  
Treatment Class: Treated

Facility Longitude: 81 24 45.0000  
Population: 14552

Violations information not reported.

### ENFORCEMENT INFORMATION:

System Name: NAS - MAYPORT (MAINSIDE)  
Violation Type: MCL, Monthly (TCR)  
Contaminant: COLIFORM (TCR)  
Compliance Period: 1994-10-01 - 1994-10-31  
Violation ID: 9500001V  
Enforcement Date: Not Reported

Enf. Action: Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for DUVAL County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for DUVAL COUNTY, FL

Number of sites tested: 102

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area	0.480 pCi/L	100%	0%	0%
Basement	0.380 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 850-245-8238

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Well Construction Permitting Database

Source: Northwest Florida Water Management District

Telephone: 850-539-5999

#### Consumptive Use Permit Well Database

Source: St. Johns River Water Management District

Telephone: 386-329-4841

#### Permitted Well Location Database

Source: South Florida Water Management District

Telephone: 561-682-6877

#### Super Act Program Well Data

This table consists of data relating to all privately and publicly owned potable wells investigated as part of the SUPER Act program. The Florida Department of Health's SUPER Act Program (per Chapter 376.3071(4)(g),

Florida Statutes), was given authority to provide field and laboratory services, toxicological risk assessments, investigations of drinking water contamination complaints and education of the public

Source: Department of Health

Telephone: 850-245-4250

#### Water Well Location Information

Source: Suwannee River Water Management District

Telephone: 386-796-7211

#### Water Well Permit Database

Source: Southwest Water Management District

Telephone: 352-796-7211

## OTHER STATE DATABASE INFORMATION

#### Florida Sinkholes

Source: Department of Environmental Protection, Geological Survey

The sinkhole data was gathered by the Florida Sinkhole Research Institute, University of Florida.

#### Oil and Gas Permit Database

Source: Department of Environmental Protection

Telephone: 850-245-3194

Locations of all permitted wells in the state of Florida.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## RADON

### State Database: FL Radon

Source: Department of Health  
Telephone: 850-245-4288  
Zip Code Based Radon Data

### Area Radon Information

Source: USGS  
Telephone: 703-356-4020  
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA  
Telephone: 703-356-4020  
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

## STREET AND ADDRESS INFORMATION

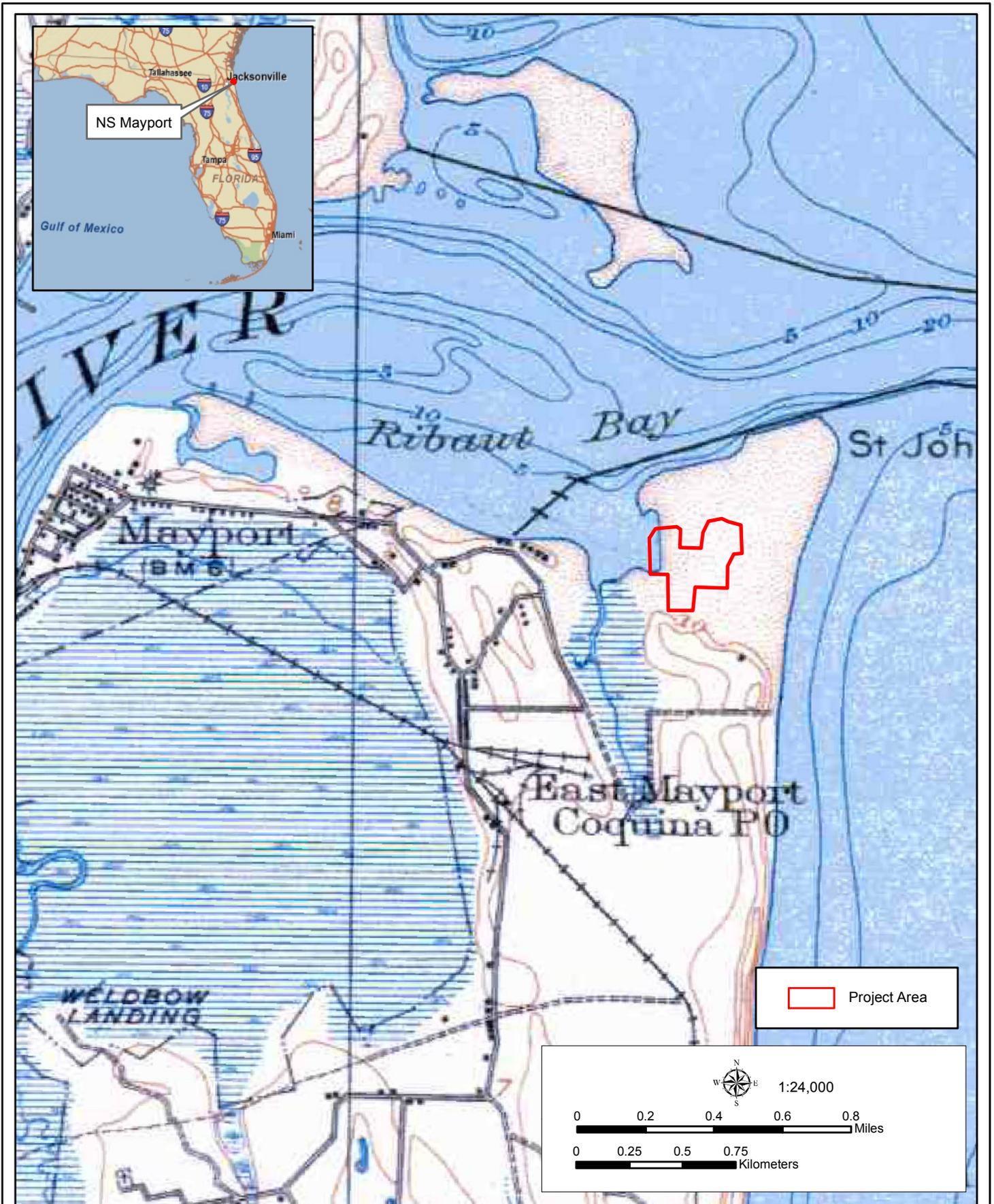
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**APPENDIX B**  
*Topographic Maps and Aerial Photographs*

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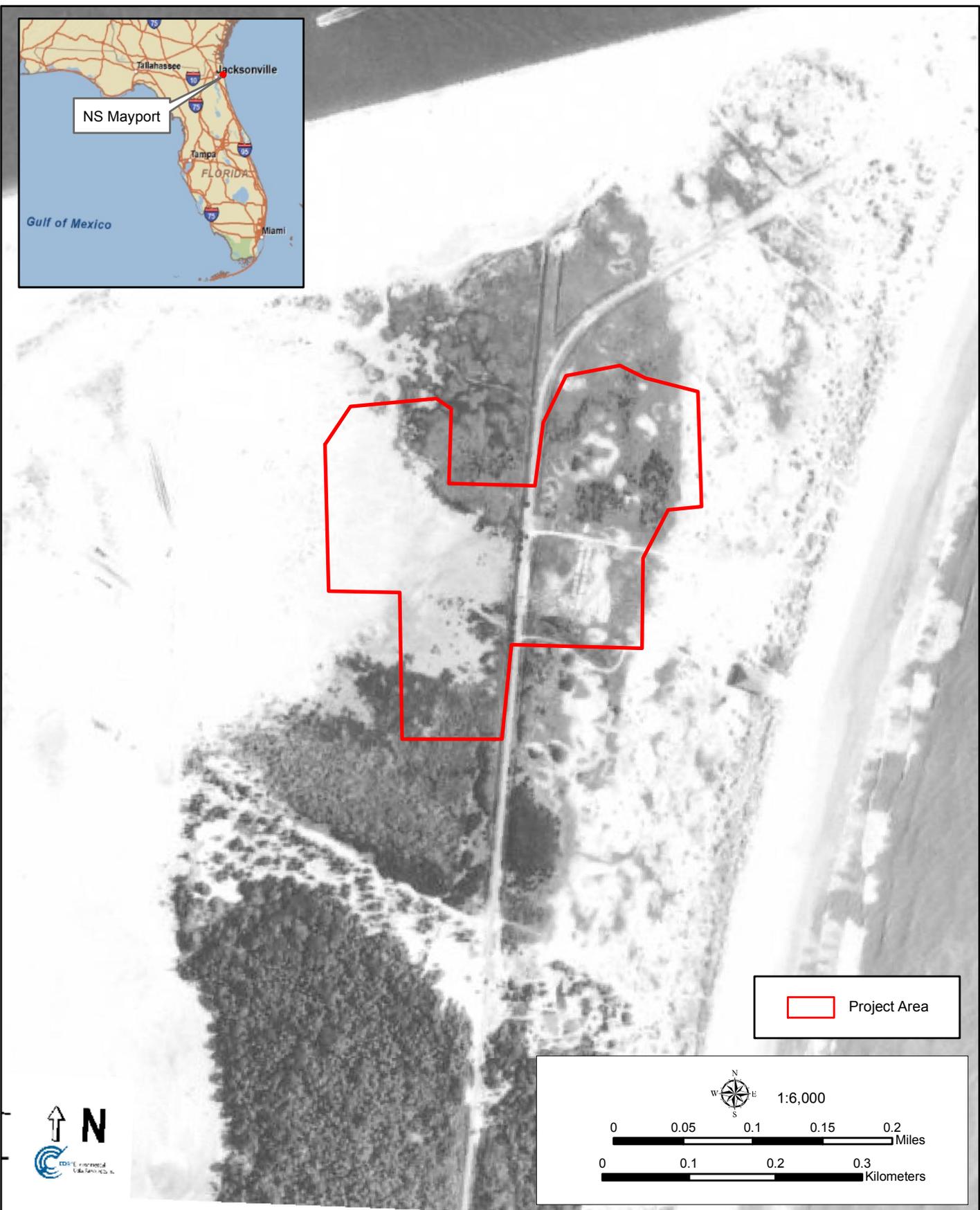
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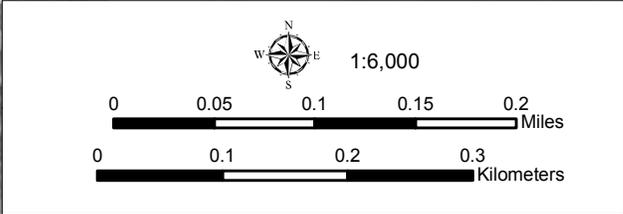


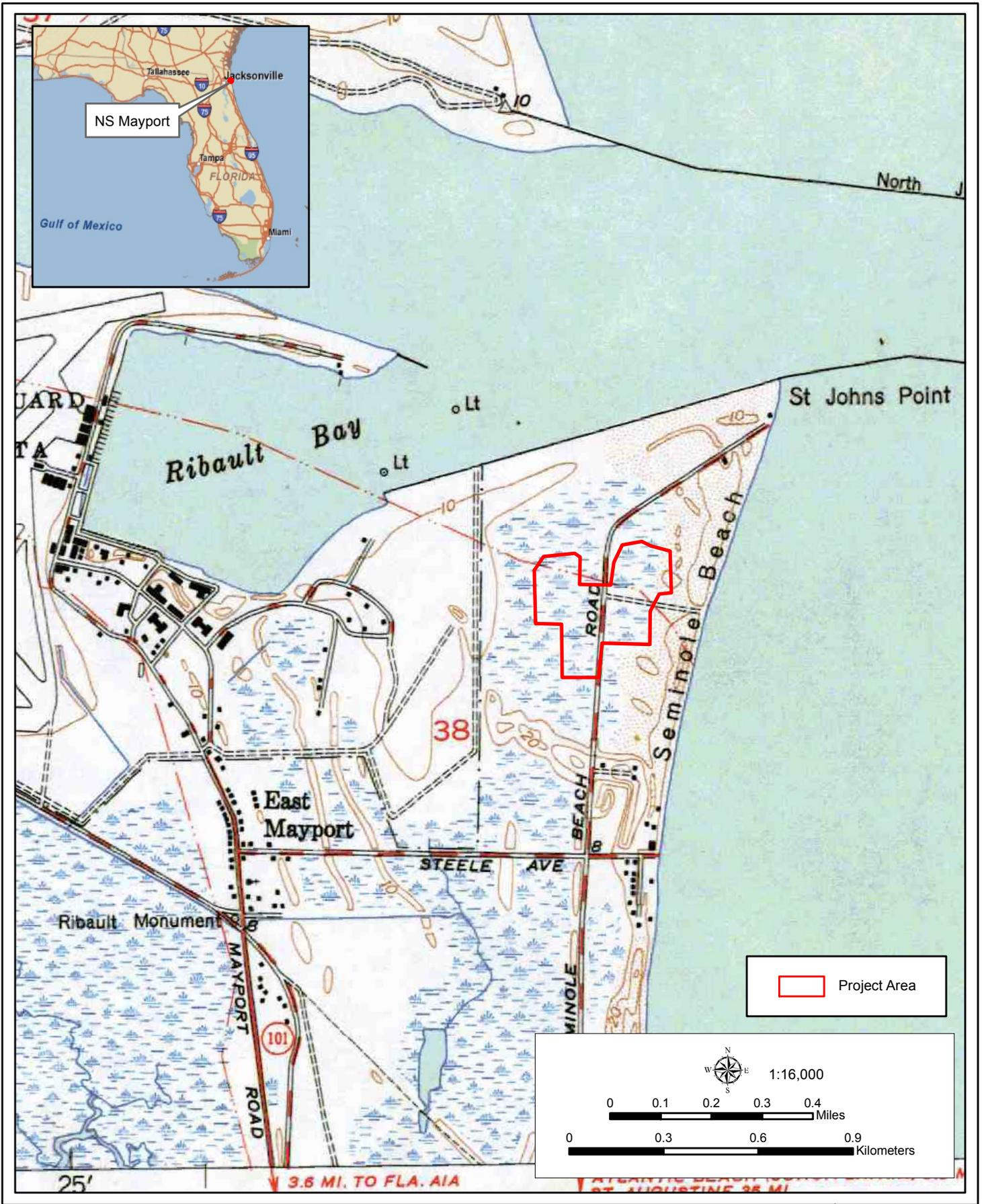
1918 Mayport, Florida Topographic Quadrangle





 Project Area

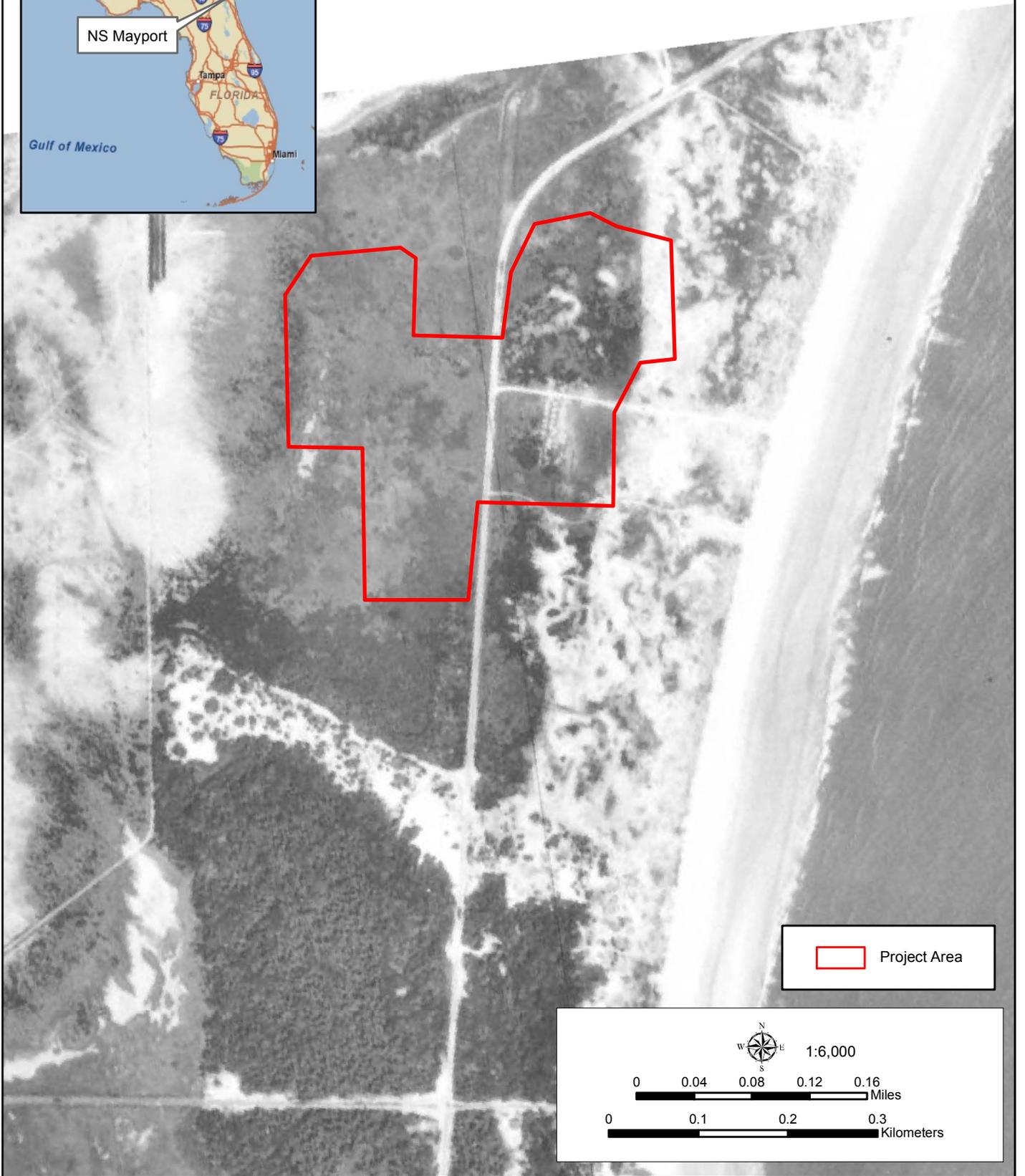




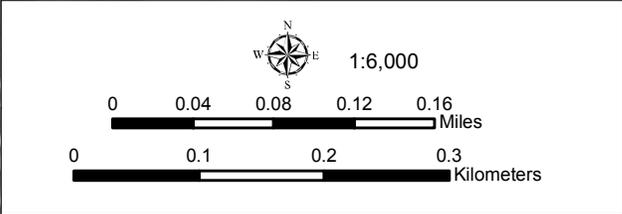
1950 Mayport, Florida Topographic Quadrangle

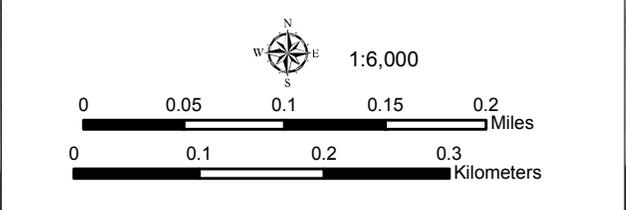
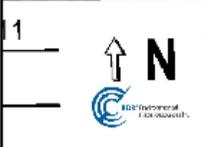
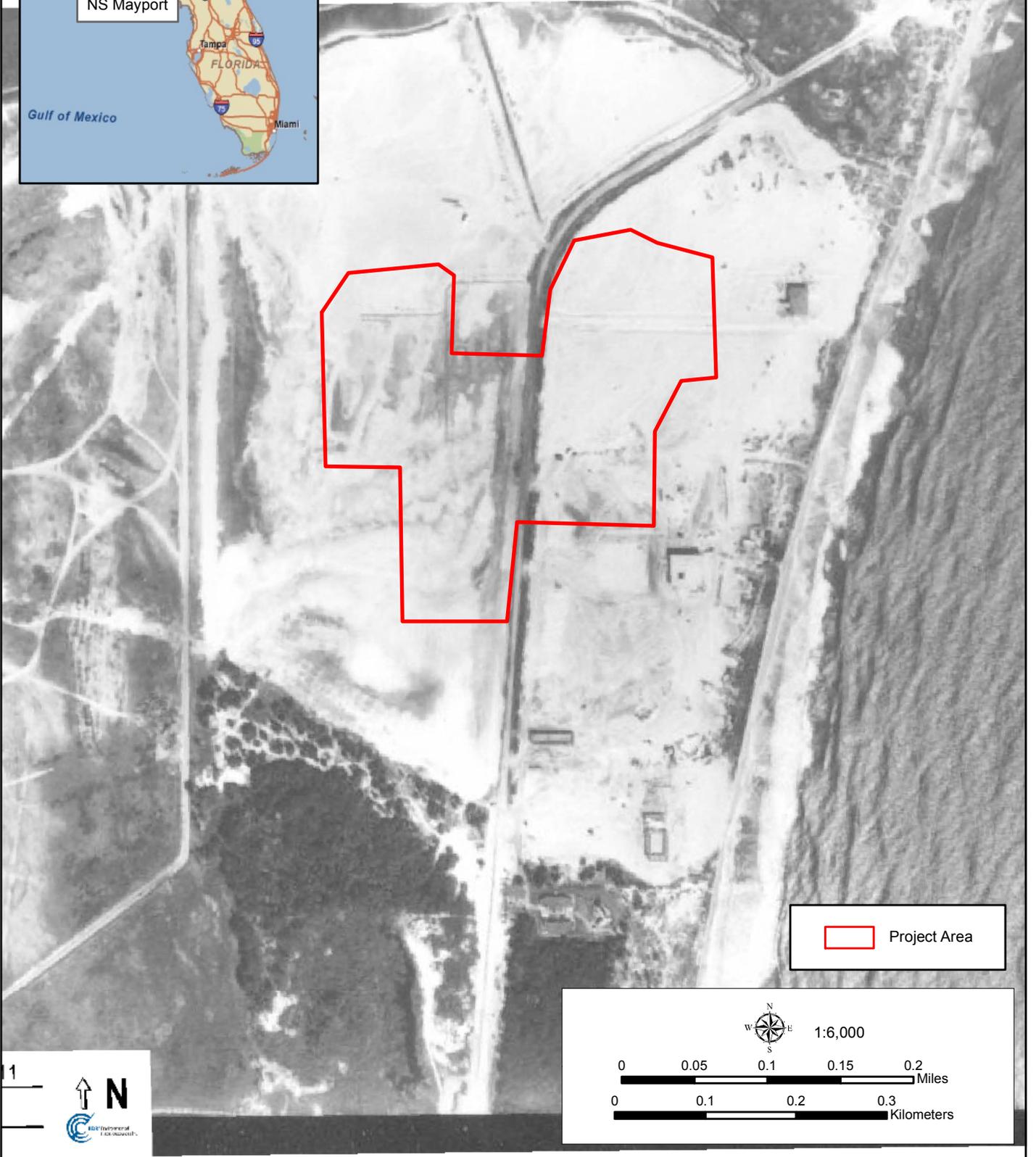


December 2008



 Project Area

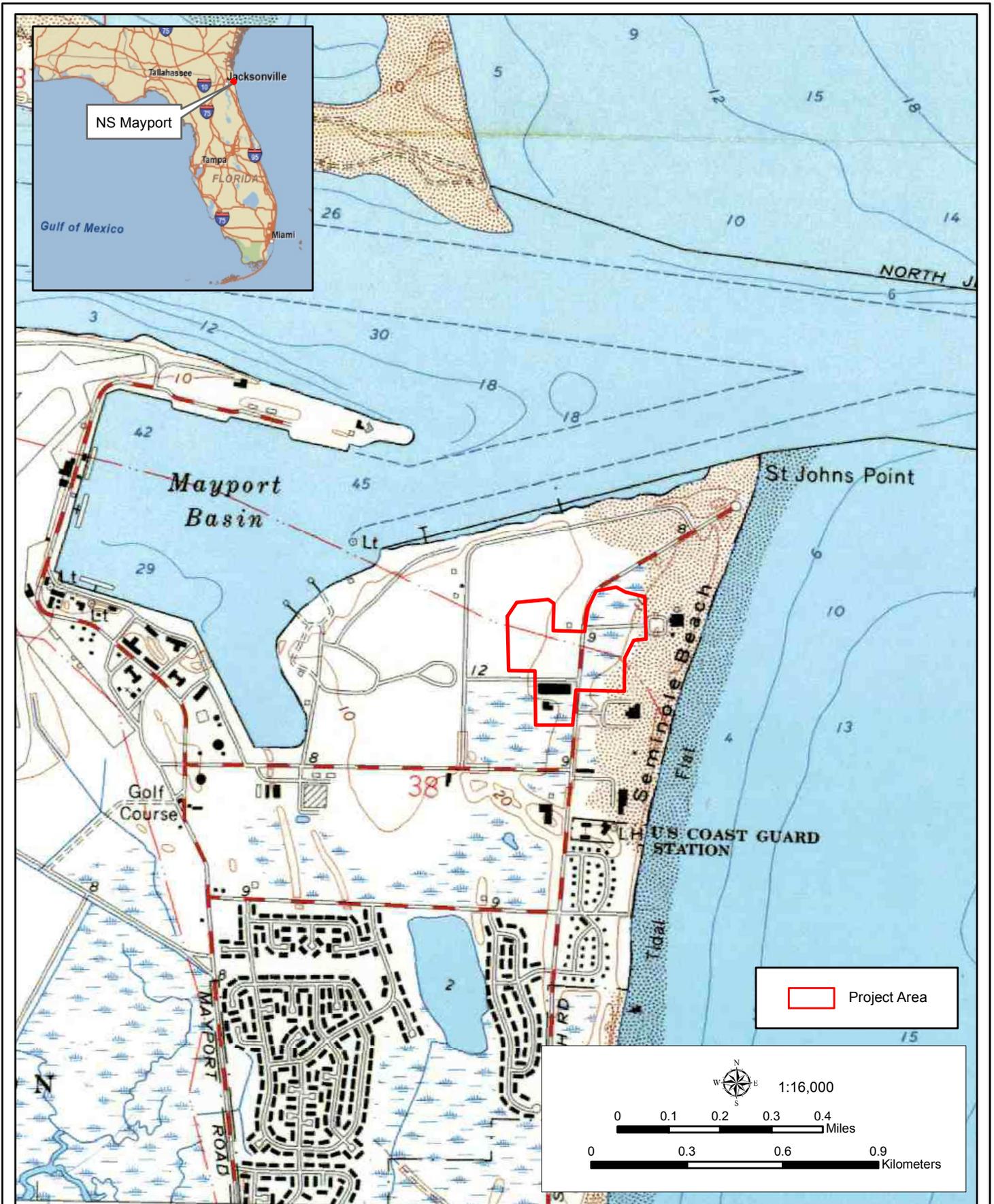




1960 Historic Aerial



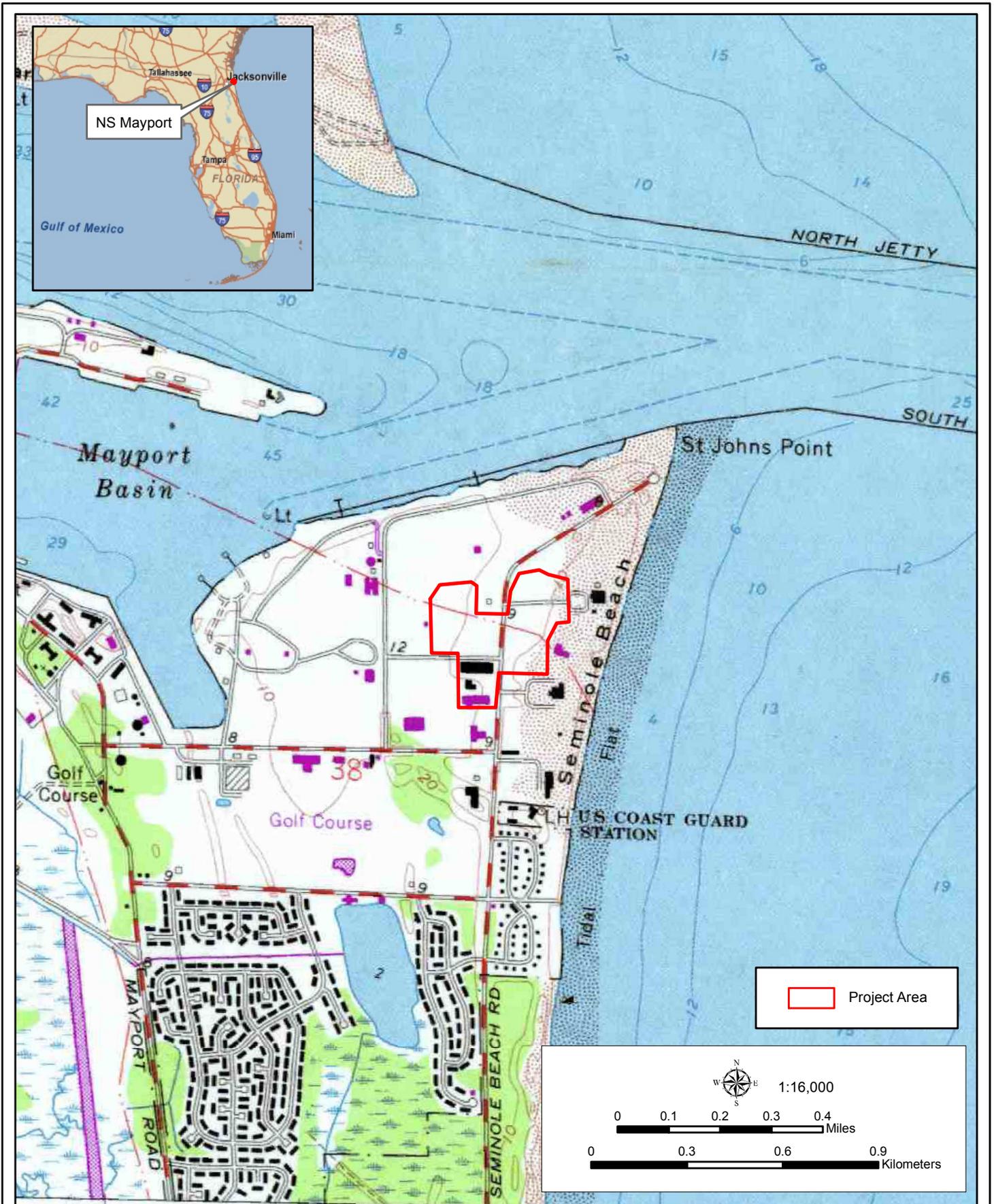
December 2008



1964 Mayport, Florida Topographic Quadrangle



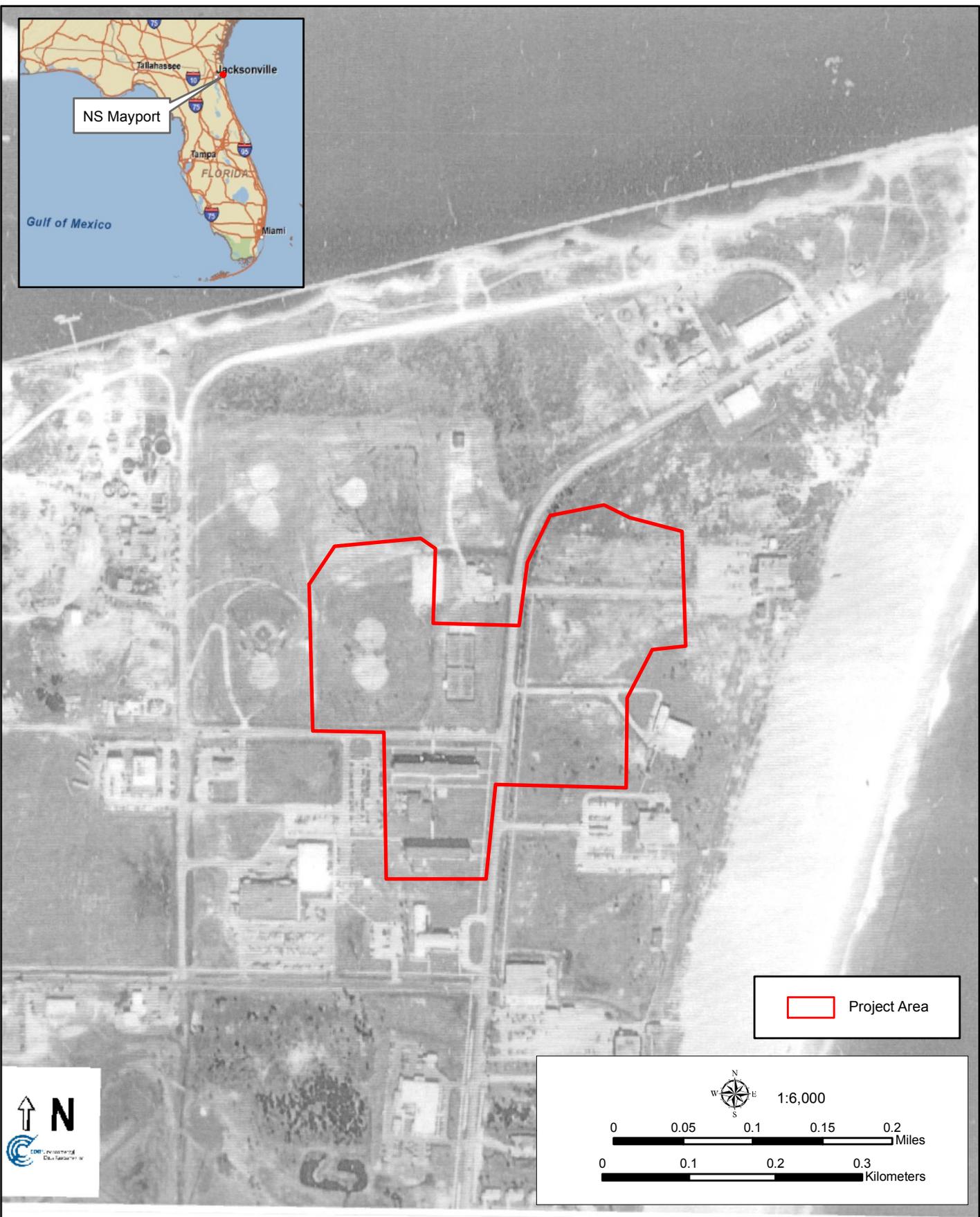
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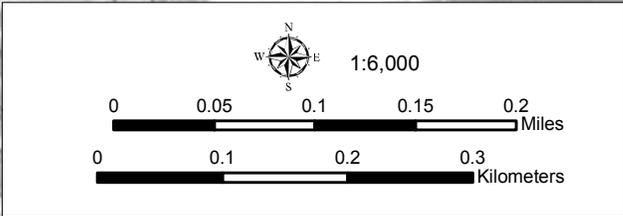
1970 Mayport, Florida Topographic Quadrangle



December 2008



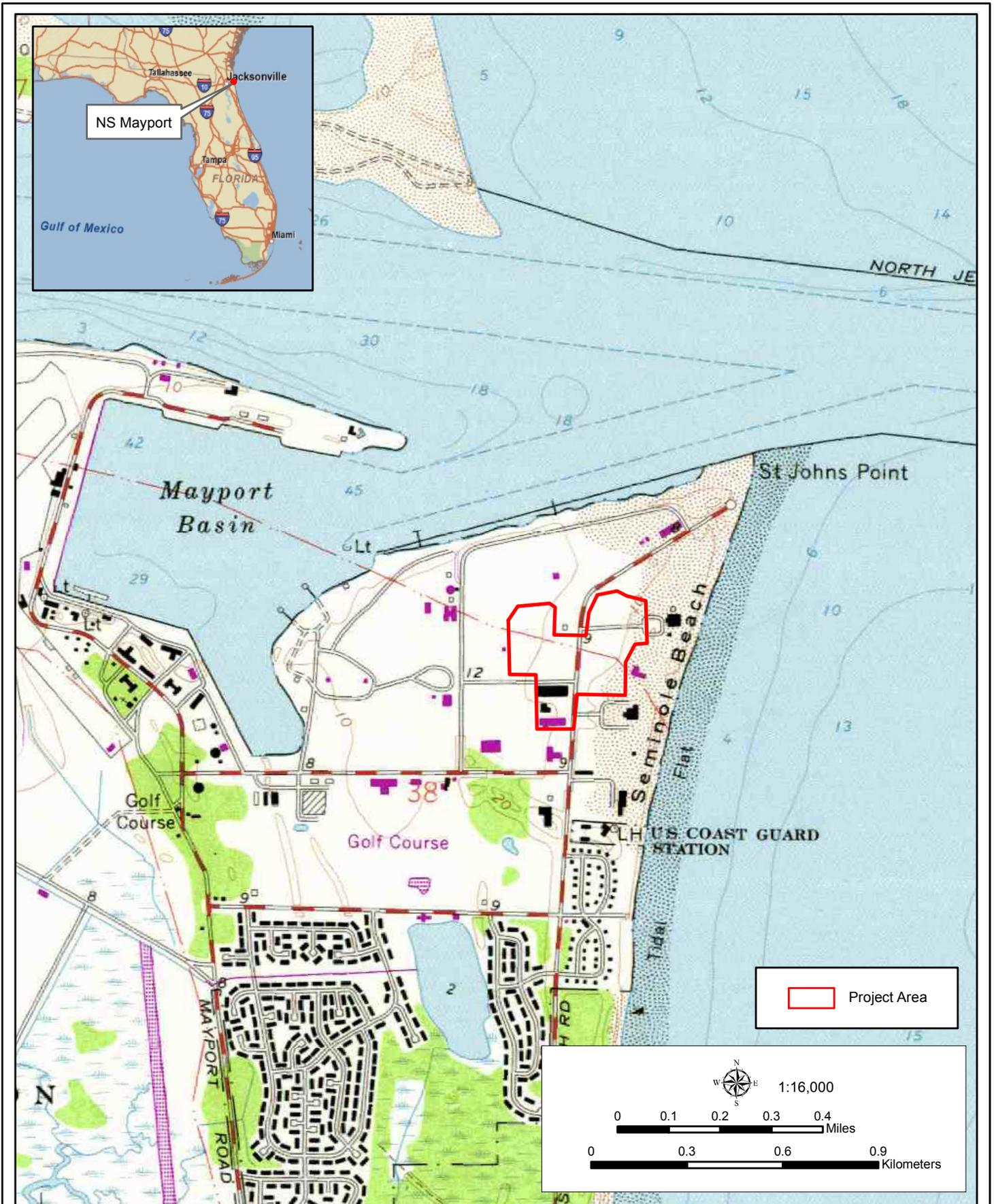
 Project Area



1975 Historic Aerial



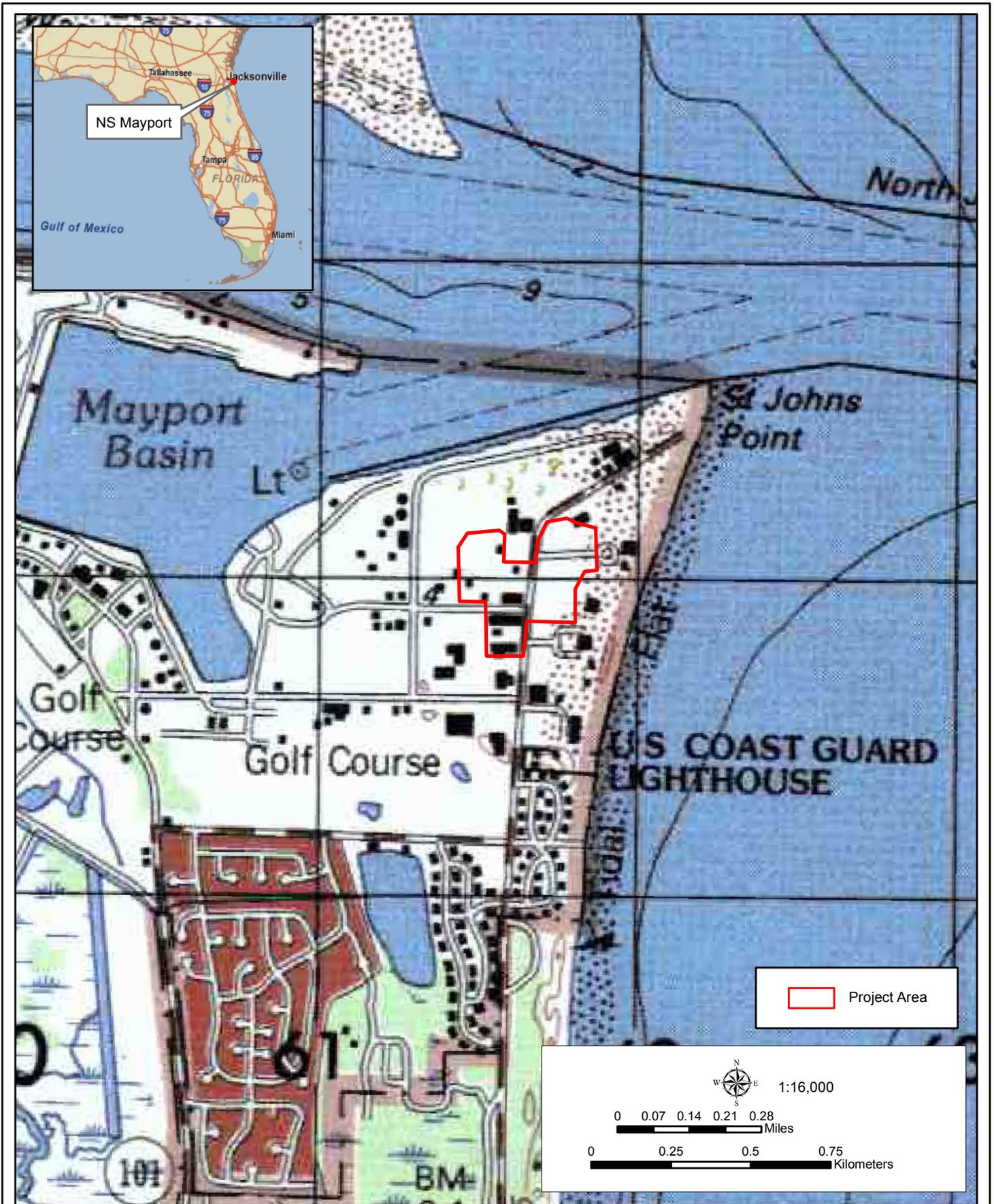
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1976 Mayport, Florida Topographic Quadrangle

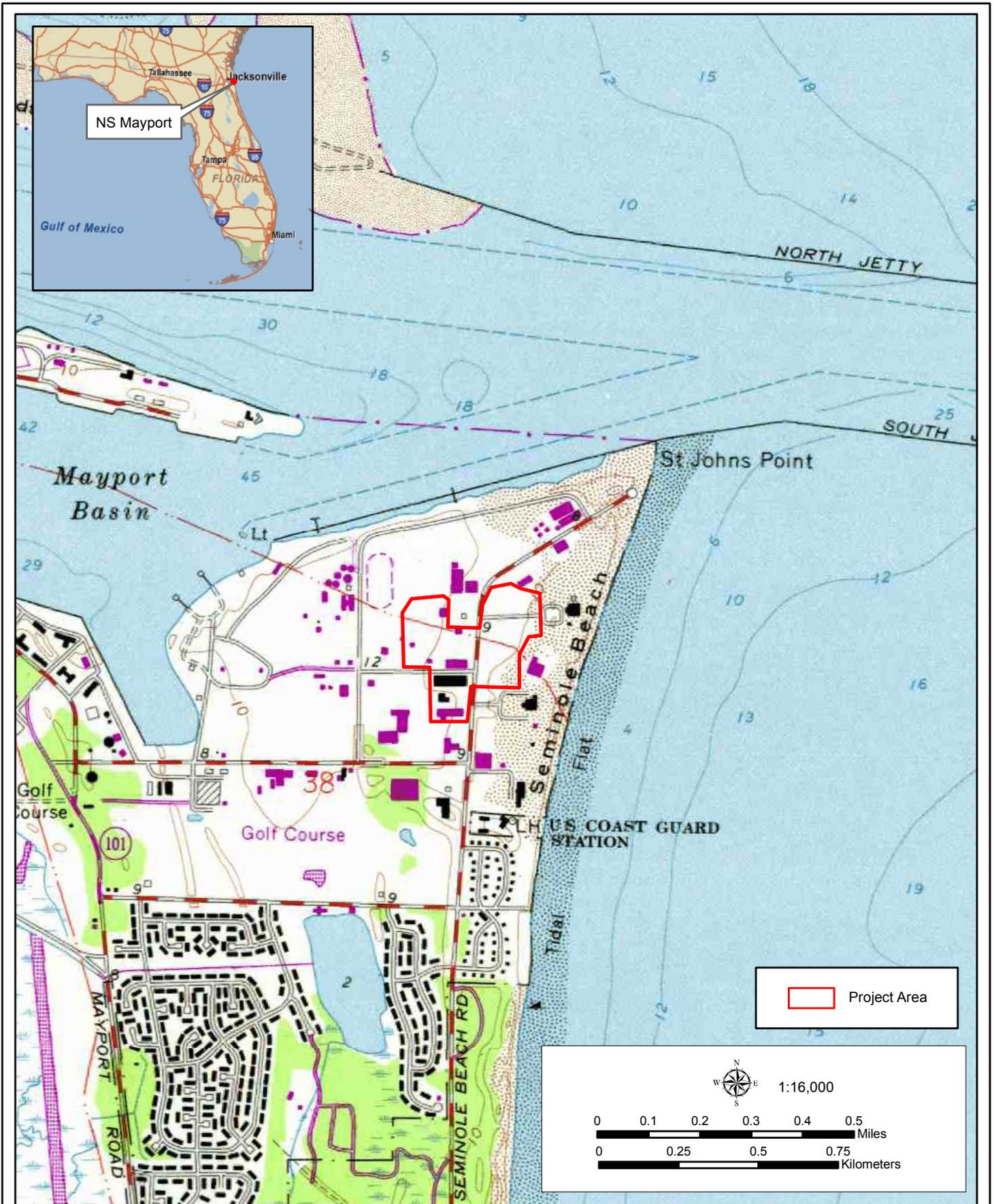


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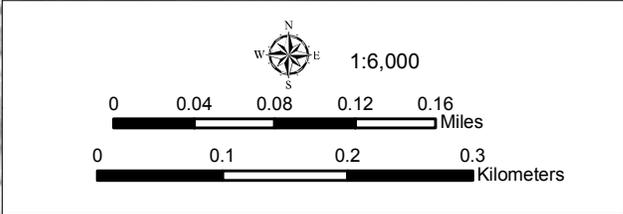
1977 Mayport, Florida Topographic Quadrangle

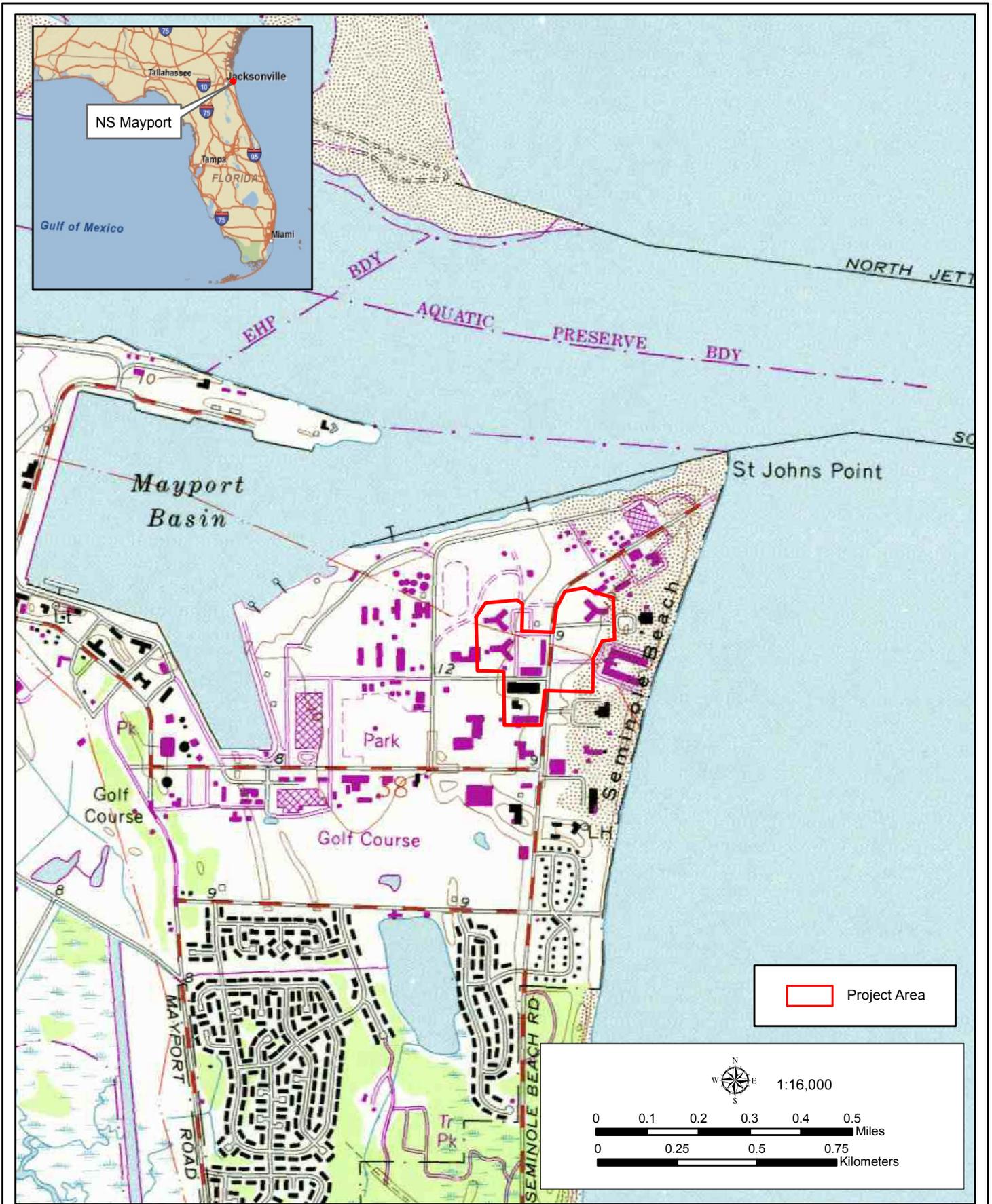






 Project Area

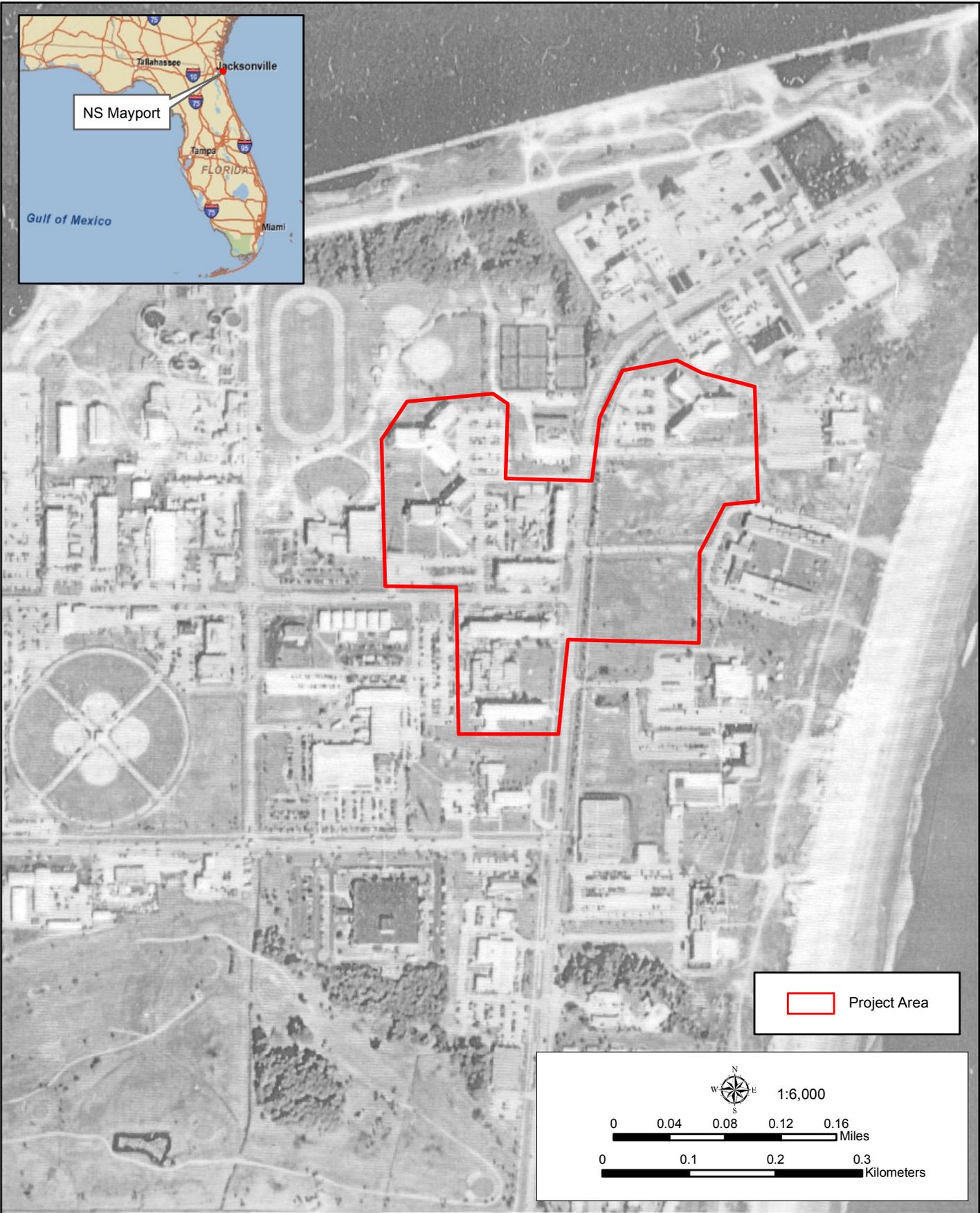




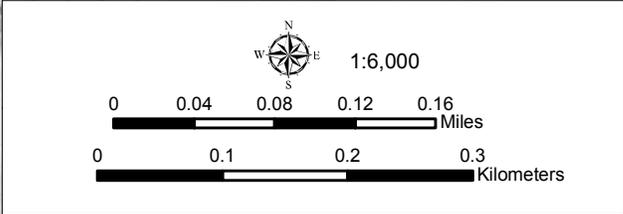
1992 Mayport, Florida Topographic Quadrangle

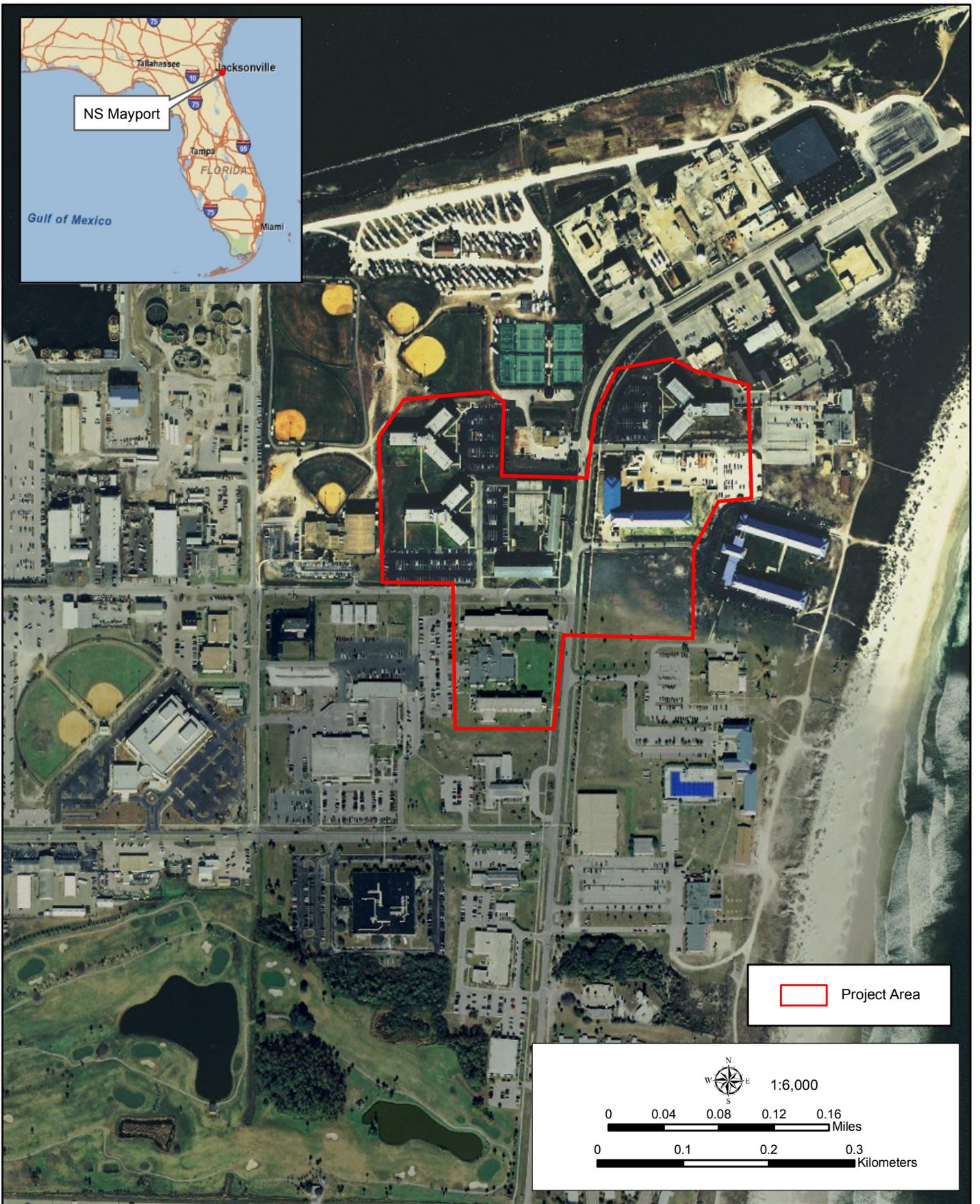


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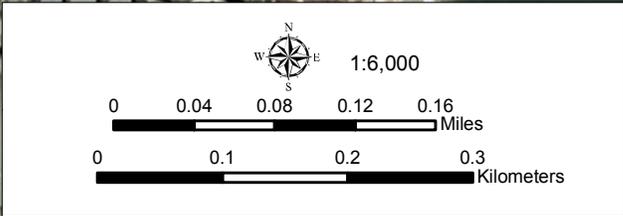
 Project Area







 Project Area



*APPENDIX C*  
*Site Photographs*





**SITE PHOTOGRAPHS**



Photograph 1. Building 1586, front (W) view of building entrance



Photograph 2. Building 1586, UST and monitoring wells



Photograph 3. Building 1586, close view of UST



Photograph 4. Building 1587, front (W) view of building entrance



Photograph 5. Building 1587, UST and monitoring wells



Photograph 6. Building 1587, close view of UST



Photograph 7. Building 1585, front (E) view of building entrance



Photograph 8. Building 1585, UST and monitoring wells



Photograph 9. Building 1585, close view of UST



Photograph 10. Building 2105, front (SW) view of building entrance



Photograph 11. Building 2105, transformers outside building



Photograph 12. Building 2105, transformer and sewer access outside building



Photograph 13. Building 2105, fuel oil tank outside building



Photograph 14. Building 2105, mechanical/boiler room on fifth floor



Photograph 15. Building 2105, mechanical/boiler room on fifth floor



Photograph 16. Building 2105, typical BEQ apartment



Photograph 17. Building 2105, typical BEQ apartment



Photograph 18. Building 2105, typical BEQ apartment



Photograph 19. Building 337, front (S) view of building entrance



Photograph 20. Building 337, transformer outside building



Photograph 21. Building 451, view (SW) of building entrance from mess hall



Photograph 22. Building 451, fuel oil tank adjacent to the building



Photograph 23. Building 451, oil spills in the boiler room



Photograph 24, Building 451, oil stained floor in the boiler room



Photograph 25. Building 451, typical transformer and steam piping adjacent to building



Photograph 26. Building 451, backflow preventers and mechanical adjacent to building



Photograph 27. Building 1394, front (N) view of building entrance



Photograph 28. Building 1394, old AST pad adjacent to building



Photograph 29. Building 1393, front (E) view of building entrance



Photograph 30. Building 2234, front (NW) view of building entrance



Photograph 31. Building 2234, boiler/mechanical room on fifth floor



Photograph 32. Building 2234, boiler/mechanical room on fifth floor

*APPENDIX D*  
*Interview Contact Records*







## Phone Log/Contact Report

Project No.:	80250123	Date:	12-9-08	Time:	1:30 pm
Project Name:	NS Mayport ECP				
Employee:	Steve Oivanki	Person Contacted:	Diane Racine		
Organization:	NS Mayport	Telephone No.:	904-270-6730, Ext. 208		
Reason for Call/Topics Discussed:	Environmental conditions at NS Mayport				
Copies to:	file				

### Comments:

Ms. Diane Racine was interviewed at her office regarding environmental hazards and restoration sites at NS Mayport. She provided a map of all NS Mayport environmental restoration sites, and observed that three of the active sites were located on the subject property. She had been working on the base in the Environmental Department since February 2002. She pointed out the UST restoration sites at Buildings 1585, 1586 and 1587 during a tour of the sites. She related the history of the UST releases and the past and ongoing remediation at the sites, and provided reports on past and ongoing activities for review. She stated that all PCB-containing transformers had been removed from NS Mayport. She stated that there is no current danger or risk to any occupants of any of the BEQ buildings on the base as a result of past or ongoing remediation efforts.

Decisions/ Agreements Reached:

Action Items:



## Phone Log/Contact Report

Project No.: 80250123 Date: 12-10-08 Time: 9:00 am  
Project Name: NS Mayport ECP  
Employee: Steve Oivanki Person Contacted: Kenyatto Duncan  
Organization: NS Mayport Telephone No.: 904-270-7459  
Reason for Call/Topics Discussed: BEQ maintenance at NS Mayport  
Copies to: file

### Comments:

Mr. Kenyatto Duncan, BEQ Maintenance Supervisor for NS Mayport, was contacted at BEQ Building 2105. He provided escort and access for the inspection of the buildings and grounds. He stated that he had been maintenance manager for about 2.2 years; prior to that he been stationed at NS Mayport since 2002. He said that there were no major problems in the buildings, and that minor repairs were completed on a case by case basis as they occurred. Leaks during heavy rains near windows and doors were addressed as they occur. There is occasional flooding of Building 1385 quadrangles during heavy rains due to downspout problems over the entrance porticos. No hazardous materials are kept on the site, and the only pesticide use is insect control by an outside contractor. He was not aware of any ACM or LBP in the buildings. He noted that all of the quarters are kept in condition to be occupied at any time.

### Decisions/ Agreements Reached:

### Action Items: