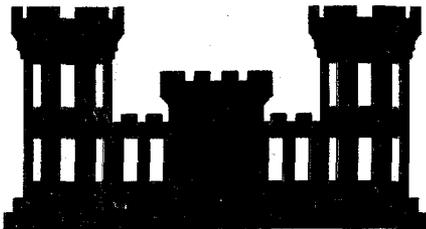


**COMPLETION REPORT
FOR
BEACH BARRIER REMOVAL PROJECT**

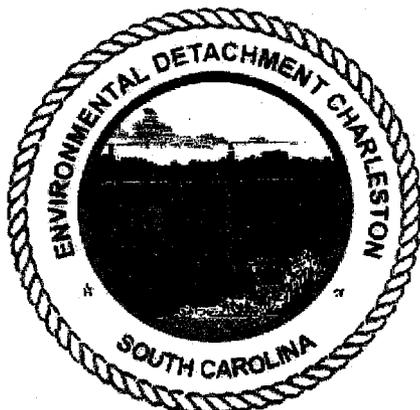
**DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY USED DEFENSE SITES (DERP-FUDS)**

**FORMER FORT PIERCE NAVAL AMPHIBIOUS TRAINING BASE
FORT PIERCE, FLORIDA**



Prepared for:

**UNITED STATES ARMY CORPS OF
ENGINEERS
JACKSONVILLE DISTRICT
400 WEST BAY STREET
P.O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0019**



Prepared by:

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CHARLESTON
1899 NORTH HOBSON AVENUE.
NORTH CHARLESTON, SC 29405-2106**

SEPTEMBER 14, 1998

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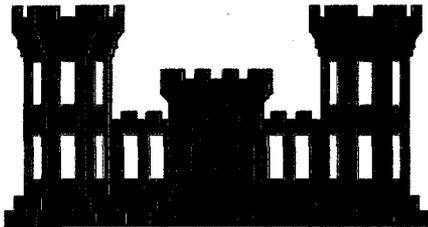
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COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

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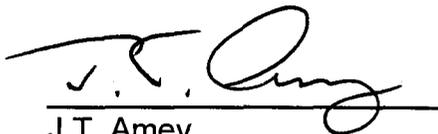
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Cog Engineer


Billy Wiggins Jr.

Date 14 September, 1998

**Cog Technical
Authority**


J.T. Amey
(Approval)

Date 14 September, 1998

**Engineering/Planning
Manager**


J.N.K. Tunstall
(Approval)

Date 14 September, 1998

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

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ACRONYM LIST

CFR	Code of Federal Regulations
CHASP	Comprehensive Health and Safety Plan
CVS	Cardiovascular System
CZ	Construction Zone
DET	Environmental Detachment Charleston
DGPS	Differential Global Positioning System
EOD/MU-6	Explosive Ordnance Disposal/Mobile Unit Six
EPA	US Environmental Protection Agency
EZ	Exclusion Zone
HAZWOPER	Hazardous Waste Operations and Emergency Response
IDLH	Immediately Dangerous to Life and Health
JANET	Joint Army Navy Experimental and Testing Board
LARC	Lighter Amphibious Resupply and Cargo
LEL	Lower Explosive Limits
MSDS	Material Safety Data Sheet
NIOSH	National Institute of Occupational Safety and Health
OIC	Officer IN Charge
OSHA	Occupational Safety and Health Administration
PFD	Personal Flotation Device
PPE	Personal Protective Equipment
PPM	Parts Per Million
SCBA	Self Contained Breathing Apparatus
SCUBA	Self Contained Underwater Breathing Apparatus
SHSO	Site Health and Safety Officer
SIMA	Shore Intermediate Maintenance Activity
SSHSP	Site Specific Health and Safety Plan
USACOE	United States Army Corps of Engineers

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

1.0 INTRODUCTION:

The project area is known as the former Fort Pierce Naval Amphibious Training Base located at North Hutchinson Island, Fort Pierce, Florida.

During 1943, the Joint Army Navy Experimental and Testing Board (JANET) placed beach barriers of concrete and steel in the shallow ocean waters of the project area. These were similar to those expected to be encountered in Europe and Japan. This was done in an effort to develop and test procedures to be used for the breaching and removing of these barriers.

Environmental Detachment Charleston was tasked by the Jacksonville District Office of the United States Army Corps of Engineers to locate and remove the beach barriers (scullies) and associated debris from the beach area of Fort Pierce/Vero Beach, Florida. The project work scope was coordinated with the USACoE Project Manager and the Geotechnical Branch in the Jacksonville office. The execution of the project was further coordinated with the Atlantic Coast Area Office located on Patrick Air Force Base in Melbourne, Florida. The project area extends from North Beach Causeway (southern end of Pepper Beach Park near Fort Pierce Inlet) northward for approximately nine (9) miles to an area known as Martin Cove. All areas from the mean high water mark to a water depth of approximately ten (10) feet at mean low water are included.

1.1 REFERENCES:

The requirements of the references listed below were used in the accomplishment of this project and are referred to in the text by basic designation only.

CODE OF FEDERAL REGULATIONS (CFR)

29 CFR 1926 Safety and Health Regulations for Construction

US ARMY CORPS OF ENGINEERS

EM 385-1-1 Safety and Health Requirements Manual

1.2 DESCRIPTION OF WORK:

This work involved the locating and removing of the beach barriers (scullies) and associated debris from the mean high water mark out to a depth of approximately ten (10) feet. The project area was approximately nine (9) miles in length and is defined in paragraph 1.0. The work was performed in four (4) phases. WORK PHASE ONE consisted of all preplanning and planning for the project, ordering and receiving of required materials, placement of contracts for leased and rented equipment and

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

mobilization of personnel, equipment and materials to the project site. Phase one also included obtaining the services and equipment from other Governmental commands; and the issuance of all software and documentation required to commence the project. WORK PHASE TWO mobilized the divers and commenced the search and location part of the project. This phase continued throughout the project. WORK PHASE THREE mobilized the remainder of the project team and equipment and commenced the removal of the scullies and debris. This phase also included disposal of the scullies and debris. WORK PHASE FOUR included the cleanup and site restoration of the designated laydown/staging areas, demobilization of all personnel and equipment and the preparation of all required reports. These work phases at most times ran concurrently.

1.3 SUBMITTALS:

1.3.1 Completion Report

This completion report contains a complete record of the project events including a detailed listing of all scullies and debris that were removed from the project site along with their latitude/longitude coordinates from where they were removed. Also included are maps of the area, pictures of work in progress, waste manifests, and chain of custody forms. As built drawings showing the location of all removed anomalies also accompany the completion report.

1.3.2 Records

Copies of all disposal records are included in this completion report.

1.4 QUALIFICATIONS:

The beach barrier removal project was coordinated and directed by the Environmental Detachment Charleston (DET). Personnel from US Army and US Navy commands augmented the DET personnel assigned to the project. These personnel were skilled in the areas of expertise that they worked in while assigned to the project.

1.5 PROJECT ORGANIZATION:

Environmental Detachment Charleston implemented the approved work plan for this project. The organizational chart and a brief description of duties were outlined in the DET's Comprehensive Safety and Health Plan. All individuals assigned to the project were identified prior to project commencement and recorded in the record copy of the work plan utilized at the site.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

The below listed USACoE personnel are identified as having worked on the project:

Jacksonville District Office

Robert Bridgers	Project Manager
Kurt Schlotterbeck	Chief, Construction Services
John Hess	Technical Manager
Diana Gerland	Technical Manager
Ed Villano	Project Engineer
Jacquelyn Griffin	Public Affairs Officer

Atlantic Coast Area Office

George Cooper	Area Engineer
Al Tibbs	Chief, Quality Assurance
Jimmy Lanier	Construction Representative

The below listed DET personnel are identified as having worked on the project:

E.R. (Bobby) Dearhart	Director
Bruce Bell	Site Manager
Billy Wiggins	Project Engineer
Kim Turok	Site Supervisor
Billy Wiggins / Kim Turok	SHSO
Billy Wiggins / Kim Turok	Quality Control Officer
Lenny Jenkins	Equipment Operator
Theodore Steed	Equipment Operator
John Benton	Equipment Operator
Roscoe Turnage	Maintenance/Rigger
Jesse Sweatman	Maintenance/Rigger
Carl Jenkins	Maintenance/Rigger

The below listed US Navy personnel from Shore Intermediate Maintenance Activity (SIMA), Mayport, Florida are identified as having worked on the project:

ENC (SS/SW/DV) Leonard Winter	Diving Supervisor
HM2/DV Johnathon Dent	Diver, Corpsman
EN2/DV Charles Foster	Diver
DC1/DV Anthony Shephard	Diver
MM1/DV James Peck	Diver
EN1/DV Brian Latta	Diver
QMC/DV Michael Williams	Diving Supervisor
EN2/DV Keith Warchol	Diver
HM2/DV Scott Dunn	Diver, Corpsman
HT2/DV Nicholas Luoto	Diver
BM2/DV James Dean	Diver
BM2/DV Charles Blanchard	Diver

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

GMG1/DV Todd Kasica	Diving Supervisor
EM1/DV Jeffery Miller	Diver
STG2/DV David Nastasi	Diver
HT2/DV Thomas Shultis	Diver
EN2/DV Eric Thompson	Diver
BM2/DV Keith Cunningham	Diver

The below listed US Navy personnel from the Trident Refit Facility, King's Bay, Georgia are identified as having worked on the project:

EM2/DV Ernest W. Wynn	Diver
EM3/DV Michael S. Holloway	Diver
HT2/DV Anthony T. Mabry	Diver

The below listed US Army personnel from the 309th Transportation Unit, Fort Story, Virginia are identified as having worked on the project:

Captain Tara Kelly	Company Commander
1 st LT Dawn Hayman	Platoon Leader
SFC Kevin McKeller	Platoon Sergeant
SSG Scott Koleski	General Support/Direct Support Engineer
SGT Nelson Etrata	Crew Chief
SGT John Vicich	General Support/Direct Support Engineer
SGT David Sherrod	Crew Chief
SGT Bradley Cord	Crew Chief
SGT Eric Wade	Crew Chief
SPC Ruth Johns	Engineer
SPC Stephen Chachere	Seaman
SPC Aaron Foster	Seaman
SPC Corwin Nelson	Seaman
SPC Ryan Fowler	Engineer
PFC Dusty Shelton	Seaman

2.0 GENERAL REQUIREMENTS:

2.1 SITE SPECIFIC HEALTH AND SAFETY PLAN (SSHSP):

Appendix B of the project work plan (previously submitted) contains the Site Specific Health and Safety Plan (SSHSP). The SSHSP is additional information regarding safety and health concerns in performing the work plan. It is not to be construed as a replacement for the Comprehensive Health and Safety Plan (CHASP). A copy of the CHASP was at the project site during all work.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

2.2 REGULATORY COMPLIANCE PROCEDURES MANUAL:

A copy of the Regulatory Compliance Procedures Manual was at the project site during all work.

2.2.1 This manual is the official mechanism by which Environmental Detachment Charleston conducted its business in order to comply with all Federal, State, Navy and local regulatory requirements and policies.

2.2.2 The manual covers categories such as Occupational Safety and Health, Hearing Conservation Program, Comprehensive Health and Safety Plan, Environmental Protection Plan, Quality Assurance Program, Management of Weight Handling Equipment, and Management of Lifting and Handling Equipment.

2.3 SPILL AND DISCHARGE CONTROL:

All assigned personnel were trained in actions to be taken in the event of a petroleum spill. There was a spill kit on board the LARC vehicle and one at the laydown/staging area. All operations were performed so as to minimize the possibility of a spill. There were no spills during the accomplishment of the project.

2.4 EXCLUSION ZONE (EZ) AND CONSTRUCTION ZONE (CZ):

Personnel not directly involved with the project did not enter the work zones, called the EZ and CZ. The EZ was the LARC vehicle and a distance of fifty (50) feet in any direction from it. Because of the nature of the project, the CZ was only in place when the LARC vehicle was out of the water, such as at times of beach transit. The CZ was one hundred (100) feet from the LARC vehicle in all directions and was reinforced by escorts when required due to beach crowds.

2.5 SECURITY:

Security to prevent entrance onto the work site was not possible because the beaches are public, however; the laydown/staging area at Round Island Park did have a lockable fence to prevent the entry of the curious/small children/general population. Additionally, one employee was left at the park area during daylight hours for security precautions and for the accomplishment of maintenance. As an additional measure, a commercial security service was retained to provide a uniformed guard at the park during the hours of darkness (2000—0700). This arrangement worked quite well and there were no security breaches or vandalism related to the project.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

2.6 EQUIPMENT DECONTAMINATION:

The only equipment contamination experienced was from salt water and blowing sand from the beach. This was removed by a daily fresh water wash down.

The wash down was accomplished by the use of fresh water from the fire trucks of Indian River County (station six) and St. Lucie County (station nine). Water was obtained from the fire stations on a daily alternating basis. It should be noted that this provision by the Counties was a far greater service than it appears on the surface, and not only contributed to the overall efficiency of the project, but undoubtedly reduced equipment maintenance and degradation due to the salt-water and sand contamination.

2.7 WASTE MANAGEMENT:

2.7.1 Construction Debris (concrete, metal, etc)

The total number of complete concrete scullies was not sufficient to warrant an attempt at donation for artificial reef placement. Because of the type of debris that was encountered, it was not practical to separate it for disposal. All debris was disposed of by contracting with a commercial waste hauler to place it in an upland solid waste landfill. This was done through the use of twenty cubic yard roll off containers. The total amount of debris that was removed from the project area and disposed of was one hundred and seventy four point sixty three (174.63) standard tons or three hundred forty nine thousand two hundred and sixty (349,260) pounds.

2.7.2 Solid Waste (trash disposal)

Solid waste was disposed of by contracting for the services of a commercial trash disposal company. A two cubic yard Dumpster was utilized for this purpose and emptied on a weekly basis.

2.7.3 Sanitary Waste Disposal

The services of a commercial provider of sanitary services was contracted to provide facilities as required and dispose of all sanitary wastes that were generated. This was accomplished by the use of two portable toilet facilities.

2.7.4 Personal Protective Equipment (PPE)

Waste classified as PPE included disposable suits, gloves, boots, and plastic sheeting. The amount of PPE generated was minor and was discarded as solid waste trash. There was no PPE that was required to be deconned.

2.7.5 Hazardous Waste

There was no hazardous waste encountered at the project site.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

2.8 IGNITION SOURCES:

2.8.1 Work Area

The only source of flammable vapors at the work area was from the fuel used to power the LARC vehicles, trackhoe, crane, air compressor and other fossil fueled equipment that were used. All sources of ignition, including smoking, welding, burning, and other work that could be a source of ignition were eliminated from the work area where flammable vapors were present or were likely to travel.

2.8.2 Refueling of Equipment

An electrical grounding cable was connected prior to refueling to eliminate the possibility of static electricity discharge.

2.9 ORDNANCE:

Ordnance support was provided to assure appropriate and timely response in the event that an ordnance item was discovered and as a safety enhancement. Divers from Explosive Ordnance Disposal/Mobile Unit Six Detachment (EOD/MU-6), Mayport, Florida were on-site during all operations. When ordnance was discovered, the work site was evacuated to the extent directed by EOD/MU-6, and remained so until cleared by EOD/MU-6. In all instances of located ordnance, EOD/MU-6 had complete control of the project site with no involvement by personnel from other activities that were working on the project except as expressly requested by the senior member of the EOD/MU-6 dive team.

The total amount of ordnance recovered and disposed of is as follows:

<u>DESCRIPTION</u>	<u>QTY.</u>	<u>DISPOSITION</u>	<u>STATUS</u>
C-2 Plastic	9 lbs.	Detonated at Patrick AFB	live
Mk 5 Barrage rocket	3	Detonated at Patrick AFB	live
81mm Mortar round	1	Detonated at Patrick AFB	live
1,000 lb. Bomb	1	Detonated offshore	inert

2.10 DIVING:

All diving was accomplished by members of the EOD/MU-6 Detachment and the Shore Intermediate Maintenance Activity (SIMA) from Mayport Naval Station, Mayport, Florida. Because the divers from both activities are active duty US Navy personnel, all diving was required to be in strict accordance with the official US Navy Dive Manual.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

3.0 BEACH BARRIERS REMOVALS AND DISPOSAL:

3.1 Work, Phases One through Four, Overview

All phases of the project as defined by the work plan have been accomplished. The project was accomplished as per the work plan with minor deviations.

All DET personnel arrived on-site on 11 May, 1998. All SIMA personnel arrived on-site on 11 May, 1998. All 309th Transportation Unit personnel arrived on-site on 12 May, 1998. Equipment and trucks were off loaded on 11 May. The first LARC commenced tow on 11 May. Preparations began on 11 May by staging all materials and organizing Round Island Park in readiness for the arrival of LARC-52 later in the week. The search and diving operation commenced on 12 May. The LARC arrived under tow on 14 May and work commenced to build the supporting platform and mount the trackhoe inside the well deck. The trackhoe was completely mounted in the LARC on 16 May and secured in place. On 16 May, the left front tire on the LARC was punctured while transiting the beach to commence debris removal. Arrangements were made to obtain a replacement tire from the Reserve unit at Palatka, Florida and to use a truck and drivers from a National Guard unit (C Battery 2-265th ADA) in Fort Pierce, Florida. This unit arrived back at the site with the tire approximately midnight. Personnel from the 309th Transportation Unit began the changeout of the tire on 17 May but had to have jacking bolts manufactured. Tire changeout was completed on 18 May and debris removal commenced. The second LARC tow was commenced on 22 May and arrived on-site on 25 May.

The searching/locating of anomalies and the removal of them continued throughout the project period relatively uneventful. The debris removals were a mixed combination of concrete, concrete laced with wire and rebar, sections of railroad track rails, round scaffolding pipes, jagged sections of metal sheets, wooden posts or pilings, complete concrete scullies and miscellaneous materials.

During the sixty-(60) days of the project, the area that was searched and cleared is as follows:

- A) From Fort Pierce Inlet (southern project boundry), northward for approximately nine (9) miles to a housing area at Sand Pointe/Martin Cove (northern project boundry). The area in this 9-mile section extended from the high water mark to approximately six (6) feet of water depth at mean low water.
- B) From Fort Pierce Inlet (southern project boundry), northward for approximately seven and one-half (7½) miles to a housing area south of Porpoise Point (approx. 1 ½ miles south of the northern project boundry). The area in this 7½ mile section extended from the six (6) to eight-(8) foot water depth.
- C) From a point immediately south of the twin buildings of Ocean Harbor South condominiums northward for approximately two point eight (2.8)

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

- miles to a point immediately north of North Avalon Park. This area extended from the eight (8) to ten (10) foot water depth.
- D) The areas listed in paragraphs A, B and C were considered to have the highest possibility of containing underwater obstacles. The Program Manager for the United States Army Corps of Engineers (Mr. Robert Bridgers) had requested that the search be concentrated in these areas.

In order to account for all areas as they were searched, the project boundaries were separated into three (3) zones referred to as the nearshore zone (from shoreline to four feet of water depth at mean low water), the intermediate zone (from four to eight feet of water depth at mean low water) and the deep zone (from eight to ten feet of water depth at mean low water). The method of searching and locating the anomalies was the running jackstay. This method utilizes a weighted chain that is moved about on the seabed in a grid pattern. It is used by the Divers to accomplish a hand over hand search of the entire grid to ensure that the area is completely searched. As an additional safeguard to ensure complete coverage, the nearshore zone and the intermediate zone out to six feet of water depth were searched in one direction and then in the opposite direction. This was done to eliminate any possibility of missing an object due to the surge of the surf or turbidity of the water.

A breakdown of the total debris removed is as follows:

- | | | |
|----|---|------------------------|
| A) | Total weight----- | 349,260 pounds.* |
| B) | Per cent concrete----- | 65% (227,019 pounds)* |
| C) | Per cent steel, rails, pipes, etc.----- | 35% (122,241 pounds)* |
| D) | Per cent removed from Indian River Cty----- | 40% (139,704 pounds)* |
| E) | Per cent removed from St. Lucie Cty----- | 60 % (209,556 pounds)* |

Note*--Total weight is exact, percentages are approximate.

The return tow of LARC-40 to Palatka commenced on 30 June, 1998. The last day of work for searching/locating and retrieval was on 05 July, 1998. On 06 July We commenced breakdown of the trackhoe and platform from LARC-52. and began the process of preparing equipment and materials for turn in or shipment to Charleston. LARC-40 was turned in to the 292nd Reserve Transportation Unit at Palatka, Florida on 06 July. The DET Accomplished cleaning, weld repairs and touch up painting of LARC-52 on 07 July. EOD/MU-6 air bagged the 1,000-pound bomb from its location and towed it offshore approximately one mile to the detonation area and placed it on the seabed in 30 feet of water. The bomb was detonated with 20 pounds of C-4 plastic explosive on 08 July and the OIC of EOD/MU-6 determined that the bomb was inert based on the strength of the explosion. The remainder of the day and all day on 09 July was spent loading trucks with equipment and materials for shipment to Charleston, SC. The area of Round Island Park that was used as a work site was restored to a better than pre-project condition and the officials from Indian River County were notified that the Park was being vacated. LARC-52 was taken under tow on 09 July for return to Palatka, Florida.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

Friday, July 10, 1998 was a demobilization date for all project personnel to return to their Home Bases.

The Project Engineer (Wiggins) went to Palatka Monday, July 13, 1998 to inventory and inspect LARC-52 and turn custody of it back over to the 292nd Transportation Unit (Army Reserve).

The LARCs and all other heavy equipment associated with the project accessed the beach area only from the designated laydown/staging area at Round Island Park. The designated laydown/staging area at Pepper Beach Park was not used. Minimal disturbance was made at this access area and upon project completion it was restored to a pre-project condition with the exception of replanting the vegetation. No vegetation was cut or removed for beach access. All movement of the heavy equipment on the seaward side of the dune line was below the mean high water mark. All work seaward of the dune line was accomplished during the hours of daylight. At no time were any sea turtles, sea turtle eggs or nests or other marine animals disturbed or harassed. There was no work accomplished in the area of any marked sea turtle nests. All equipment maintenance that was accomplished during the hours of darkness was only done in the laydown/ staging areas and any lights used were shielded and aimed away from the sea. Noise during these times was kept to a minimum.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

FIGURE 1 AREA MAP

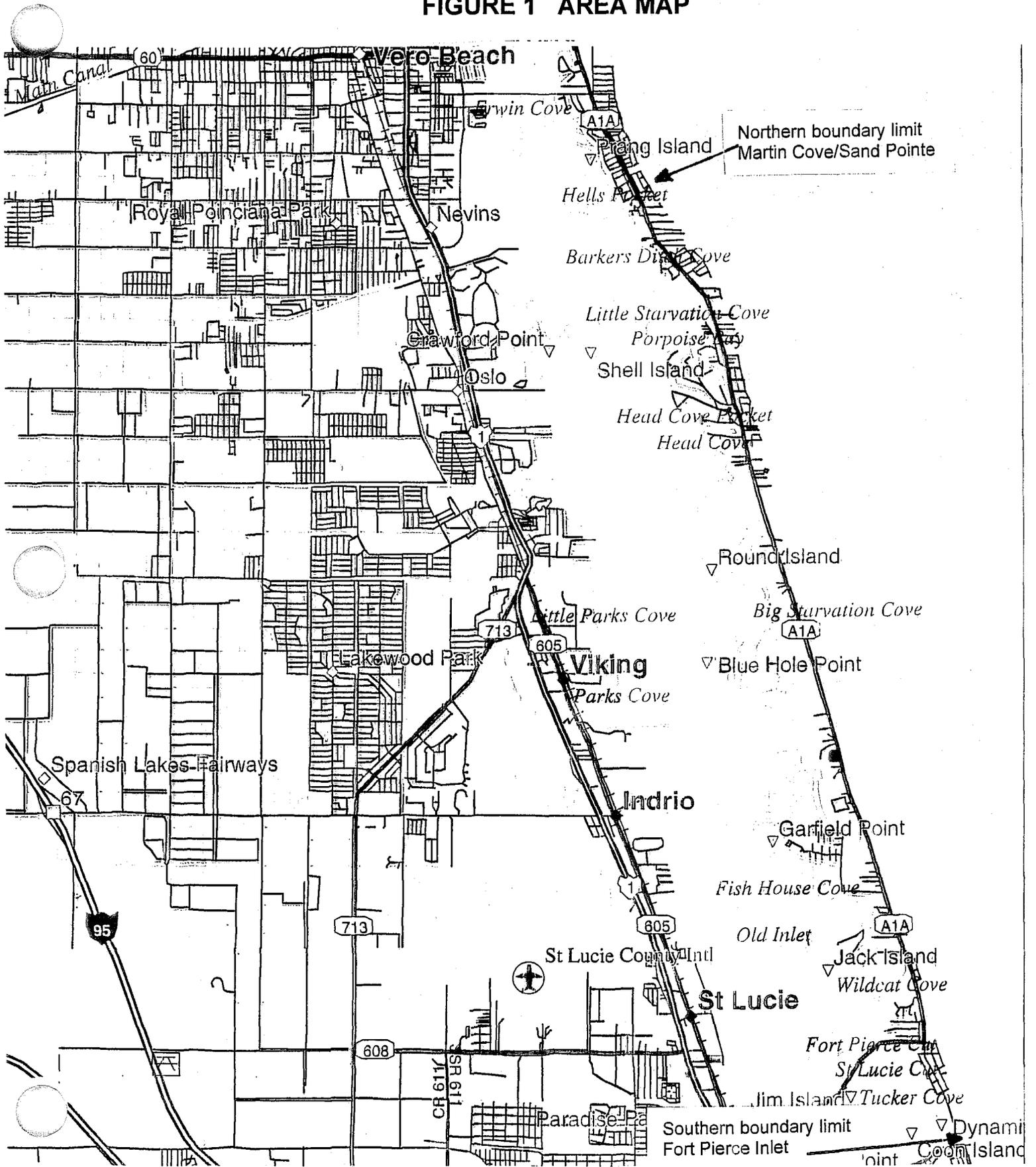
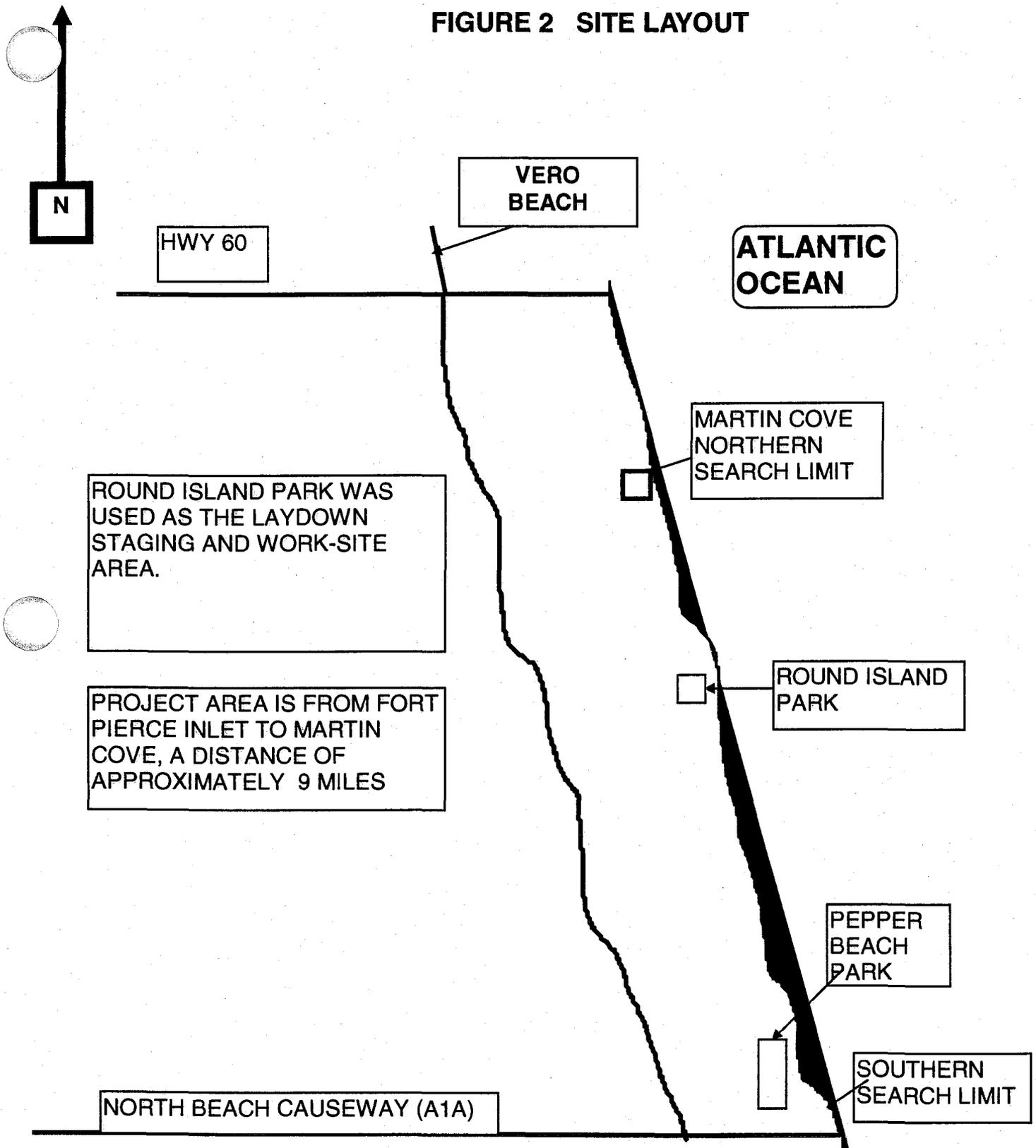
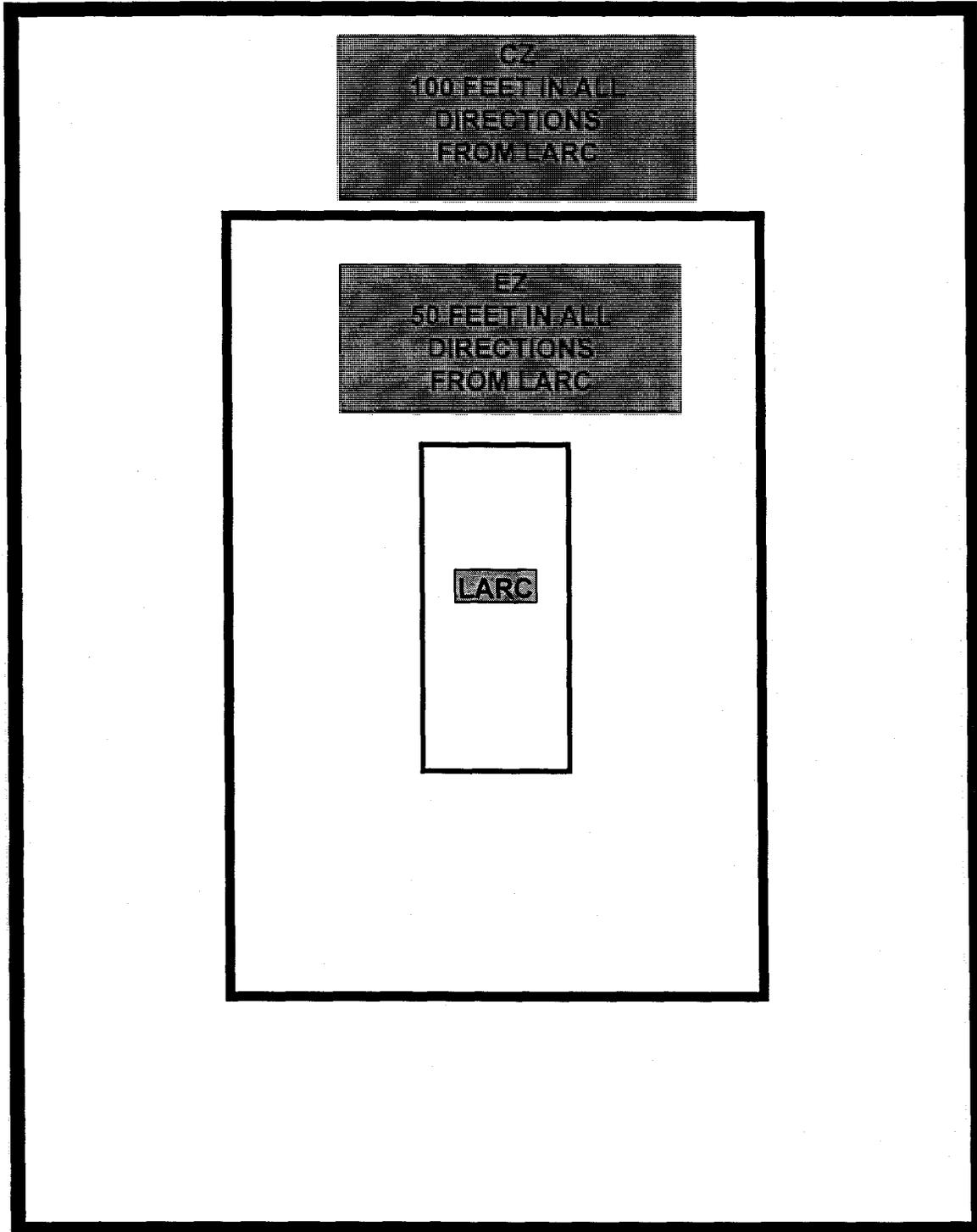


FIGURE 2 SITE LAYOUT



COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

FIGURE 3 WORK ZONE



COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



LARC 52 in Rodman Canal Lock at Palatka, Fla. ready for tow to Fort Pierce, Fla.



LARC 52 arriving at Round Island Park near Fort Pierce, Fla.



Damaged tire on LARC 52 caused by underwater Obstacles.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



Changing damaged tire on LARC 52 at Round Island Park by 309th Transportation Unit Personnel.



LARC 52 with trackhoe mounted inside well deck

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Track hoe mounted on platform in well deck of LARC 52. Bow ramp down for clarity.

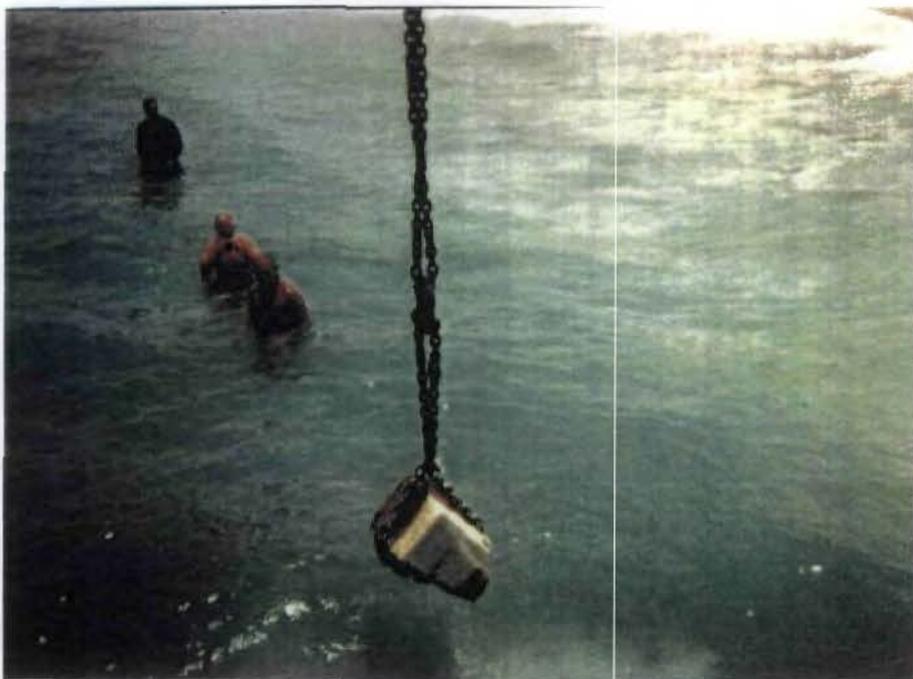


Track hoe lifting a type IV scully from the water with the bucket. Note the three divers in the water beyond the trackhoe arm.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



Track hoe lifting a type IV scully from the water with chain rigging.



Type I scully being lifted from the water with chain rigging.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



Typical type IV Scully

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



Typical metal debris (railroad irons and tubular scaffolding pipes) and concrete debris loaded in Dumpster for disposal.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

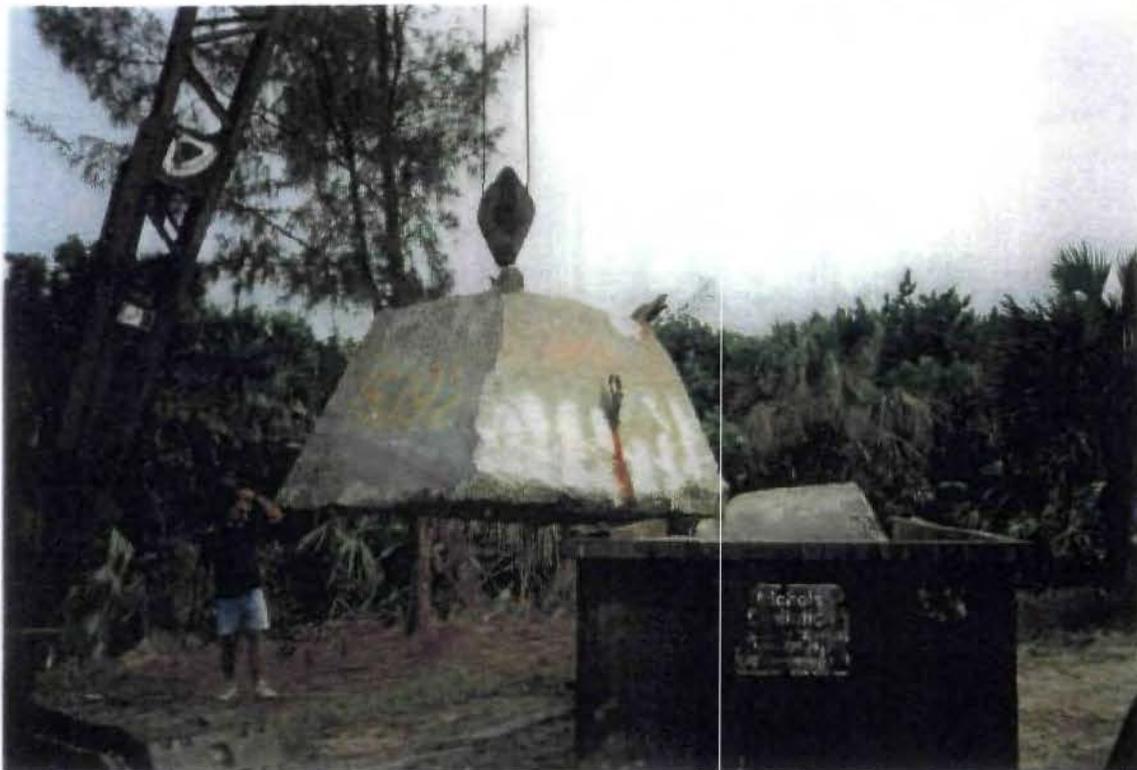


Typical mixed debris ready to be loaded into dumpsters for disposal.



Typical railroad iron beam after removal from the water. Note the shell growth and sharp point on right side where it was exposed to the sea. This beam is approximately 11 feet long.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



Scully being loaded into dumpster for disposal. Note the weight of scully painted on side (15,192 lbs.).



Two type IV scullies loaded in dumpster for disposal.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS

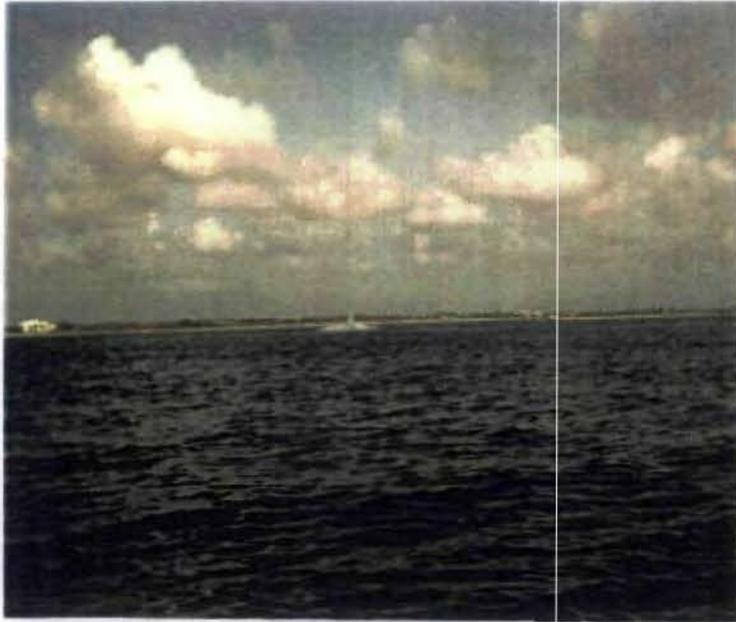


Two pound block of C-2 plastic explosive attached to r railroad iron beam. Explosive was found to be live when detonated at Patrick Air Force Base.



LARC 40 using the breach in the dune at Round Island Park to access the beach.

COMPLETION REPORT----FORT PIERCE BEACH BARRIER REMOVALS



Detonation of a 1,000 lb. GP bomb approximately 1 mile offshore using 20 lbs. Of C-4 plastic explosive. The bomb was determined to be inert.



Another view of the detonation pictured above.

FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
1	27° 32' 09"	80° 18' 51"	PV MARTINS	RAILROAD IRON
2	27° 32' 04"	80° 18' 49"	PV MARTINS	REBAR
3	27° 32' 10"	80° 18' 52"	PV MARTINS	REBAR/CONCRETE
4	27° 32' 06"	80° 18' 52"	PV MARTINS	RAILROAD IRON
5	27° 31' 58"	80° 18' 50"	PV MARTINS	REBAR/CONCRETE
6	27° 31' 08"	80° 18' 31"	PV MARTINS	RAILROAD IRON
7	27° 31' 08"	80° 18' 28"	S. AVALON PK	TYPE 1 SCULLY
8	27° 33' 18"	80° 19' 15"	SOUTH OF R/I PK	RAILROAD IRON
9	27° 32' 22"	80° 18' 57"	S. AVALON PK	RAILROAD IRON
10	27° 32' 21"	80° 18' 55"	S. AVALON PK	RAILROAD IRON
11	27° 32' 18"	80° 18' 56"	S. AVALON PK	RAILROAD IRON
12	27° 32' 19"	80° 18' 56"	S. AVALON PK	RAILROAD IRON
13	27° 32' 15"	80° 18' 57"	S. AVALON PK	RAILROAD IRON
14	27° 32' 14"	80° 18' 56"	S. AVALON PK	RAILROAD IRON
15	27° 32' 15"	80° 18' 56"	S. AVALON PK	RAILROAD IRON
16	27° 32' 15"	80° 18' 54"	S. AVALON PK	RAILROAD IRON
17	27° 32' 16"	80° 18' 54"	S. AVALON PK	RAILROAD IRON
18	27° 32' 14"	80° 18' 54"	S. AVALON PK	RAILROAD IRON
19	27° 32' 16"	80° 18' 55"	S. AVALON PK	REBAR/CONCRETE
20	27° 32' 13"	80° 18' 54"	S. AVALON PK	TYPE 4 SCULLY
21	27° 32' 07"	80° 18' 54"	S. AVALON PK	REBAR/CONCRETE
22	27° 32' 07"	80° 18' 53"	S. AVALON PK	REBAR/CONCRETE
23	27° 32' 45"	80° 19' 04"	N. AVALON PK	TYPE 4 SCULLY
24	27° 32' 45"	80° 19' 04"	N. AVALON PK	REBAR/CONCRETE
25	27° 32' 45"	80° 19' 04"	N. AVALON PK	REBAR/CONCRETE
26	27° 32' 45"	80° 19' 04"	N. AVALON PK	REBAR/CONCRETE
27	27° 32' 45"	80° 19' 04"	N. AVALON PK	REBAR/CONCRETE
28	27° 32' 45"	80° 19' 04"	N. AVALON PK	REBAR/CONCRETE
29	27° 32' 46"	80° 19' 03"	N. AVALON PK	REBAR/CONCRETE
30	27° 32' 46"	80° 19' 03"	N. AVALON PK	REBAR/CONCRETE
31	27° 32' 46"	80° 19' 03"	N. AVALON PK	REBAR/CONCRETE
32	27° 32' 46"	80° 19' 03"	N. AVALON PK	REBAR/CONCRETE
33	27° 32' 46"	80° 19' 03"	N. AVALON PK	REBAR/CONCRETE
34	27° 32' 52"	80° 19' 05"	N. AVALON PK	REBAR/CONCRETE
35	27° 32' 52"	80° 19' 05"	N. AVALON PK	REBAR/CONCRETE
36	27° 32' 52"	80° 19' 05"	N. AVALON PK	REBAR/CONCRETE
37	27° 32' 52"	80° 19' 05"	N. AVALON PK	REBAR/CONCRETE
38	27° 33' 18"	80° 19' 13"	N. AVALON PK	TYPE 4 SCULLY
39	27° 33' 18"	80° 19' 13"	N. AVALON PK	TYPE 4 SCULLY
40	27° 33' 18"	80° 19' 13"	N. AVALON PK	TYPE 4 SCULLY
41	27° 33' 17"	80° 19' 13"	N. AVALON PK	STEEL/CONCRETE
42	27° 33' 17"	80° 19' 13"	N. AVALON PK	STEEL/CONCRETE
43	27° 33' 17"	80° 19' 13"	N. AVALON PK	STEEL/CONCRETE
44	27° 33' 17"	80° 19' 13"	N. AVALON PK	STEEL/CONCRETE
45	27° 33' 17"	80° 19' 13"	N. AVALON PK	STEEL/CONCRETE
46	27° 33' 17"	80° 19' 13"	N. AVALON PK	STEEL/CONCRETE
47	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
48	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY

FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
49	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
50	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
51	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
52	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
53	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
54	27° 33' 16"	80° 19' 13"	ROUND ISLAND	TYPE 2 SCULLY
55	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
56	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
57	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
58	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
59	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
60	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
61	27° 33' 16"	80° 19' 13"	ROUND ISLAND	STEEL/CONCRETE
62	27° 33' 45"	80° 19' 22"	ROUND ISLAND	STEEL CABLE
63	27° 33' 45"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
64	27° 33' 45"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
65	27° 33' 45"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
66	27° 33' 45"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
67	27° 33' 44"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
68	27° 33' 44"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
69	27° 33' 44"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
70	27° 33' 44"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
71	27° 33' 44"	80° 19' 22"	ROUND ISLAND	STEEL/CONCRETE
72	27° 32' 40"	80° 19' 02"	N. AVALON PK	TYPE 4 SCULLY
73	27° 32' 45"	80° 19' 04"	N. AVALON PK	STEEL/CONCRETE
74	27° 32' 45"	80° 19' 04"	N. AVALON PK	STEEL/CONCRETE
75	27° 32' 45"	80° 19' 04"	N. AVALON PK	STEEL/CONCRETE
76	27° 32' 45"	80° 19' 04"	N. AVALON PK	STEEL/CONCRETE
77	27° 32' 45"	80° 19' 04"	N. AVALON PK	STEEL/CONCRETE
78	27° 32' 45"	80° 19' 04"	N. AVALON PK	STEEL/CONCRETE
79	27° 32' 46"	80° 19' 03"	N. AVALON PK	STEEL/CONCRETE
80	27° 32' 46"	80° 19' 03"	N. AVALON PK	STEEL/CONCRETE
81	27° 32' 46"	80° 19' 03"	N. AVALON PK	STEEL/CONCRETE
82	27° 32' 46"	80° 19' 03"	N. AVALON PK	STEEL/CONCRETE
83	27° 32' 46"	80° 19' 03"	N. AVALON PK	STEEL/CONCRETE
84	27° 32' 52"	80° 19' 05"	N. AVALON PK	STEEL/CONCRETE
85	27° 32' 52"	80° 19' 05"	N. AVALON PK	STEEL/CONCRETE
86	27° 32' 52"	80° 19' 05"	N. AVALON PK	STEEL/CONCRETE
87	27° 32' 52"	80° 19' 05"	N. AVALON PK	STEEL/CONCRETE
88	27° 32' 30"	80° 19' 00"	N. AVALON PK	3/4 TYPE 4 SCULLY
89	27° 32' 27"	80° 18' 59"	N. AVALON PK	3/4 TYPE 4 SCULLY
90	27° 32' 26"	80° 18' 59"	N. AVALON PK	3/4 TYPE 4 SCULLY
91	27° 32' 24"	80° 18' 58"	S. AVALON PK	CONCRETE
92	27° 32' 22"	80° 18' 57"	S. AVALON PK	CONCRETE
93	27° 33' 06"	80° 19' 15"	SOUTH OF R/I PK	STEEL/CONCRETE
94	27° 33' 07"	80° 19' 15"	SOUTH OF R/I PK	STEEL/CONCRETE
95	27° 33' 09"	80° 19' 15"	SOUTH OF R/I PK	STEEL/CONCRETE
96	27° 33' 11"	80° 19' 15"	SOUTH OF R/I PK	STEEL/CONCRETE

FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
97	27° 33' 14"	80° 19' 15"	SOUTH OF R/I PK	STEEL/CONCRETE
98	27° 33' 17"	80° 19' 16"	SOUTH OF R/I PK	STEEL/CONCRETE
99	27° 33' 19"	80° 19' 16"	SOUTH OF R/I PK	STEEL/CONCRETE
100	27° 33' 23"	80° 19' 16"	SOUTH OF R/I PK	STEEL/CONCRETE
101	27° 33' 24"	80° 19' 16"	SOUTH OF R/I PK	STEEL/CONCRETE
102	27° 33' 28"	80° 19' 16"	SOUTH OF R/I PK	STEEL/CONCRETE
103	27° 33' 29"	80° 19' 17"	SOUTH OF R/I PK	STEEL/CONCRETE
104	27° 33' 30"	80° 19' 17"	SOUTH OF R/I PK	STEEL/CONCRETE
105	27° 33' 31"	80° 19' 17"	SOUTH OF R/I PK	STEEL/CONCRETE
106	27° 33' 33"	80° 19' 17"	SOUTH OF R/I PK	STEEL/CONCRETE
107	27° 33' 35"	80° 19' 17"	SOUTH OF R/I PK	STEEL/CONCRETE
108	27° 35' 50"	80° 19' 48"	PORPOISE POINTE	MK-5 ROCKET
109	27° 35' 50"	80° 19' 48"	PORPOISE POINTE	MK-5 ROCKET
110	27° 35' 50"	80° 19' 48"	PORPOISE POINTE	MK-5 ROCKET
111	27° 35' 50"	80° 19' 48"	PORPOISE POINTE	81mm MORTAR
112	27° 36' 04"	80° 19' 55"	SAND POINTE	JAP. SIGNAL MINE
113	27° 36' 04"	80° 19' 55"	SAND POINTE	JAP. SIGNAL MINE
114	27° 35' 50"	80° 19' 53"	SAND POINTE	STEEL DEBRIS
115	27° 35' 50"	80° 19' 53"	SAND POINTE	STEEL DEBRIS
116	27° 35' 50"	80° 19' 53"	SAND POINTE	STEEL DEBRIS
117	27° 35' 50"	80° 19' 55"	SAND POINTE	STEEL DEBRIS
118	27° 35' 50"	80° 19' 55"	SAND POINTE	STEEL DEBRIS
119	27° 35' 50"	80° 19' 55"	SAND POINTE	STEEL DEBRIS
120	27° 35' 50"	80° 19' 55"	SAND POINTE	STEEL DEBRIS
121	27° 35' 50"	80° 19' 55"	SAND POINTE	STEEL DEBRIS
122	27° 35' 46"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
123	27° 35' 45"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
124	27° 35' 43"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
125	27° 35' 41"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
126	27° 35' 40"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
127	27° 35' 39"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
128	27° 35' 37"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
129	27° 35' 36"	80° 19' 47"	PORPOISE POINTE	PIPES AND STEEL
130	27° 35' 33"	80° 19' 49"	PORPOISE POINTE	PIPES
131	27° 35' 33"	80° 19' 49"	PORPOISE POINTE	PIPES
132	27° 35' 33"	80° 19' 49"	PORPOISE POINTE	PIPES
133	27° 35' 28"	80° 19' 46"	PORPOISE POINTE	PIPES
134	27° 35' 28"	80° 19' 46"	PORPOISE POINTE	PIPES
135	27° 35' 28"	80° 19' 46"	PORPOISE POINTE	PIPES
136	27° 35' 28"	80° 19' 46"	PORPOISE POINTE	PIPES
137	27° 35' 30"	80° 19' 47"	PORPOISE POINTE	PIPES
138	27° 35' 30"	80° 19' 47"	PORPOISE POINTE	PIPES
139	27° 35' 31"	80° 19' 46"	PORPOISE POINTE	PIPES
140	27° 35' 31"	80° 19' 46"	PORPOISE POINTE	PIPES
141	27° 35' 31"	80° 19' 46"	PORPOISE POINTE	PIPES
142	27° 35' 31"	80° 19' 46"	PORPOISE POINTE	PIPES
143	27° 35' 50"	80° 19' 47"	PORPOISE POINTE	ROCKET TAIL PIECE
144	27° 36' 08"	80° 19' 47"	SAND POINTE	1000 LB BOMB

FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
145	27° 35' 59"	80° 19' 55"	SAND POINTE	METAL VEH. BODY
146	27° 36' 00"	80° 19' 55"	SAND POINTE	METAL VEH. BODY
147	27° 35' 59"	80° 19' 55"	SAND POINTE	WIRE ROPE
148	27° 35' 51"	80° 19' 49"	PORPOISE POINTE	METAL DEBRIS
149	27° 35' 51"	80° 19' 49"	PORPOISE POINTE	METAL DEBRIS
150	27° 35' 51"	80° 19' 49"	PORPOISE POINTE	METAL DEBRIS
151	27° 35' 51"	80° 19' 49"	PORPOISE POINTE	METAL DEBRIS
152	27° 35' 51"	80° 19' 49"	PORPOISE POINTE	METAL DEBRIS
153	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
154	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
155	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
156	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
157	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
158	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
159	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
160	27° 35' 47"	80° 19' 51"	PORPOISE POINTE	METAL DEBRIS
161	27° 31' 42"	80° 18' 45"	S. OF PV MARTINS	RAILROAD IRON
162	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
163	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
164	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
165	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
166	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
167	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
168	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
169	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
170	27° 32' 22"	80° 18' 58"	N. AVALON PK	CONCRETE/STEEL
171	27° 32' 10"	80° 18' 54"	S. AVALON PK	CONCRETE/STEEL
172	27° 32' 10"	80° 18' 54"	S. AVALON PK	CONCRETE/STEEL
173	27° 32' 10"	80° 18' 54"	S. AVALON PK	CONCRETE/STEEL
174	27° 32' 10"	80° 18' 54"	S. AVALON PK	CONCRETE/STEEL
175	27° 32' 10"	80° 18' 54"	S. AVALON PK	CONCRETE/STEEL
176	27° 32' 16"	80° 18' 56"	PV MARTINS	CONCRETE/STEEL
177	27° 32' 16"	80° 18' 56"	PV MARTINS	CONCRETE/STEEL
178	27° 32' 16"	80° 18' 56"	PV MARTINS	CONCRETE/STEEL
179	27° 32' 16"	80° 18' 56"	PV MARTINS	CONCRETE/STEEL
180	27° 32' 17"	80° 18' 55"	PV MARTINS	TYPE 1 SCULLY
181	27° 32' 18"	80° 18' 57"	S AVA/PV MARTINS	CONCRETE/STEEL
182	27° 32' 18"	80° 18' 57"	S AVA/PV MARTINS	CONCRETE/STEEL
183	27° 32' 18"	80° 18' 57"	S AVA/PV MARTINS	CONCRETE/STEEL
184	27° 32' 18"	80° 18' 57"	S AVA/PV MARTINS	CONCRETE/STEEL
185	27° 32' 18"	80° 18' 57"	S AVA/PV MARTINS	CONCRETE/STEEL
186	27° 32' 18"	80° 18' 57"	S AVA/PV MARTINS	CONCRETE/STEEL
187	27° 32' 17"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
188	27° 32' 17"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
189	27° 32' 17"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
190	27° 32' 17"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
191	27° 32' 17"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
192	27° 32' 17"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL

FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
193	27° 32' 16"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
194	27° 32' 16"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
195	27° 32' 16"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
196	27° 32' 16"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
197	27° 32' 16"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
198	27° 32' 16"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
199	27° 32' 15"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
200	27° 32' 15"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
201	27° 32' 15"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
202	27° 32' 15"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
203	27° 32' 15"	80° 18' 56"	S AVA/PV MARTINS	CONCRETE/STEEL
204	27° 32' 14"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
205	27° 32' 14"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
206	27° 32' 14"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
207	27° 32' 14"	80° 18' 55"	S AVA/PV MARTINS	6 LBS. C-2 PLASTIC
208	27° 32' 14"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
209	27° 32' 13"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
210	27° 32' 13"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
211	27° 32' 13"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
212	27° 32' 13"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
213	27° 32' 13"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
214	27° 32' 13"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
215	27° 32' 12"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
216	27° 32' 12"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
217	27° 32' 12"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
218	27° 32' 12"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
219	27° 32' 12"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
220	27° 32' 11"	80° 18' 55"	S AVA/PV MARTINS	3/4 TYPE 4 SCULLY
221	27° 32' 11"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
222	27° 32' 11"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
223	27° 32' 11"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
224	27° 32' 11"	80° 18' 55"	S AVA/PV MARTINS	CONCRETE/STEEL
225	27° 32' 10"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
226	27° 32' 10"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
227	27° 32' 10"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
228	27° 32' 10"	80° 18' 54"	S AVA/PV MARTINS	3 LBS. C-2 PLASTIC
229	27° 32' 10"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
230	27° 32' 09"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
231	27° 32' 09"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
232	27° 32' 09"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
233	27° 32' 09"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
234	27° 32' 08"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
235	27° 32' 08"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
236	27° 32' 08"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
237	27° 32' 08"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
238	27° 32' 08"	80° 18' 54"	S AVA/PV MARTINS	CONCRETE/STEEL
239	27° 32' 07"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
240	27° 32' 07"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL

FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
241	27° 32' 07"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
242	27° 32' 07"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
243	27° 32' 07"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
244	27° 32' 06"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
245	27° 32' 06"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
246	27° 32' 06"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
247	27° 32' 06"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
248	27° 32' 06"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
249	27° 32' 05"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
250	27° 32' 05"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
251	27° 32' 05"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
252	27° 32' 05"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
253	27° 32' 05"	80° 18' 53"	S AVA/PV MARTINS	CONCRETE/STEEL
254	27° 32' 04"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
255	27° 32' 04"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
256	27° 32' 04"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
257	27° 32' 04"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
258	27° 32' 04"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
259	27° 32' 03"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
260	27° 32' 03"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
261	27° 32' 03"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
262	27° 32' 03"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
263	27° 32' 03"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
264	27° 32' 03"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
265	27° 32' 02"	80° 18' 52"	S AVA/PV MARTINS	1/2 TYPE 4 SCULLY
266	27° 32' 02"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
267	27° 32' 02"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
268	27° 32' 02"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
269	27° 32' 02"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
270	27° 32' 02"	80° 18' 52"	S AVA/PV MARTINS	CONCRETE/STEEL
271	27° 32' 01"	80° 18' 51"	S AVA/PV MARTINS	1/2 TYPE 4 SCULLY
272	27° 32' 01"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
273	27° 32' 01"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
274	27° 32' 01"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
275	27° 32' 01"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
276	27° 32' 01"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
277	27° 32' 00"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
278	27° 32' 00"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
279	27° 32' 00"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
280	27° 32' 00"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
281	27° 32' 00"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
282	27° 32' 00"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
283	27° 31' 59"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
284	27° 31' 59"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
285	27° 31' 59"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
286	27° 31' 59"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
287	27° 31' 59"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL
288	27° 31' 59"	80° 18' 51"	S AVA/PV MARTINS	CONCRETE/STEEL

**FIGURE 5--REMOVED OBSTACLE COORDINATES
FORT PIERCE BEACH BARRIER PROJECT**

#	NORTH LAT	WEST LONG	GEN LOCATION	TYPE OBJECT
289	27° 31' 58"	80° 18' 50"	S AVA/PV MARTINS	CONCRETE/STEEL
290	27° 31' 58"	80° 18' 50"	S AVA/PV MARTINS	CONCRETE/STEEL
291	27° 31' 58"	80° 18' 50"	S AVA/PV MARTINS	CONCRETE/STEEL
292	27° 31' 58"	80° 18' 50"	S AVA/PV MARTINS	CONCRETE/STEEL
293	27° 31' 58"	80° 18' 50"	S AVA/PV MARTINS	CONCRETE/STEEL
294	27° 32' 40"	80° 19' 02"	N. OF N. AVALON	CONCRETE/STEEL
295	27° 32' 40"	80° 19' 02"	N. OF N. AVALON	CONCRETE/STEEL
296	27° 32' 40"	80° 19' 02"	N. OF N. AVALON	CONCRETE/STEEL
297	27° 32' 41"	80° 19' 02"	N. OF N. AVALON	1/3 TYPE 4 SCULLY
298	27° 32' 41"	80° 19' 02"	N. OF N. AVALON	CONCRETE/STEEL
299	27° 32' 41"	80° 19' 02"	N. OF N. AVALON	CONCRETE/STEEL
300	27° 32' 41"	80° 19' 02"	N. OF N. AVALON	CONCRETE/STEEL
301	27° 32' 42"	80° 19' 03"	N. OF N. AVALON	1/3 TYPE 4 SCULLY
302	27° 32' 42"	80° 19' 03"	N. OF N. AVALON	CONCRETE/STEEL
303	27° 32' 42"	80° 19' 03"	N. OF N. AVALON	CONCRETE/STEEL
304	27° 32' 42"	80° 19' 03"	N. OF N. AVALON	CONCRETE/STEEL
305	27° 33' 10"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
306	27° 33' 10"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
307	27° 33' 10"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
308	27° 33' 11"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
309	27° 33' 11"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
310	27° 33' 11"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
311	27° 33' 11"	80° 19' 13"	SOUTH OF R/I PK	CONCRETE/STEEL
312	27° 33' 12"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
313	27° 33' 12"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
314	27° 33' 12"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
315	27° 33' 12"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
316	27° 33' 13"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
317	27° 33' 13"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
318	27° 33' 13"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
319	27° 33' 14"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
320	27° 33' 14"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
321	27° 33' 14"	80° 19' 14"	SOUTH OF R/I PK	CONCRETE/STEEL
322	27° 33' 15"	80° 19' 15"	SOUTH OF R/I PK	CONCRETE/STEEL
323	27° 33' 15"	80° 19' 15"	SOUTH OF R/I PK	CONCRETE/STEEL
324	27° 33' 15"	80° 19' 15"	SOUTH OF R/I PK	CONCRETE/STEEL

ATTACHMENT A

SITE MAP OF REMOVED OBSTACLES

8

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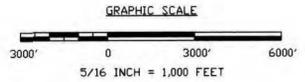
4

3

2

1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



	SPORTENVDETHASN 1899 North Hobson Ave. North Charleston, SC 29405-2106 Ph. (843) 743-6777			
	PROJECT LIMITS FT. PIERCE BEACH BARRIER PROJECT			
DRAWN BY: L. DIASIO DATE: 13 SEPT 1998	SIZE D	FSCM NO. FTP_2	DWG NO. FTP_2	REV -
SCALE 5/16" = 1,000'			SHEET 1 of 1	

8

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1

ATTACHMENT B

DAILY REPORTS 1 THROUGH 63

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 1				
PROJECT: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/10/98 SUN				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PARTLY CLOUDY				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	50	82			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		N/A		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME	
2				3	1	N/A		N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0600	1800				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. LANDSTAR LIGON TRANSPORTATION CO.									
b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)									
WIGGINS, TUROK AND JENKINS OF EDC LOADED 2 FLATBED TRACTOR TRAILER TRUCKS AND 1 LOWBOY TRACTOR TRAILER TRUCK WITH EQUIPMENT, MATERIALS AND A CRAWLER CRANE FOR TRANSPORT TO FORT PIERCE, FLORIDA. TRUCKS WERE LOADED IN CHARLESTON, SC.									
Days of no work and reasons for same:									
N/A N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/10/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					2				
ENGINEER: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/11/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	50	84			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		N/A		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME	
6				17	11	N/A		N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		X	1	X	2	3
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0030	2200				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. LANDSTAR LIGON TRANSPORTATION CO.									
b. JACKSONVILLE TOWING AND SALVAGE									
NEFF RENTAL									
NICHOLS SANITATION									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)									
WIGGINS AND TUROK LEFT CHARLESTON AT 0030 FOR FLORIDA. WIGGINS ARRIVED PALATKA AT 0730 TO ARRANGE TOW OF LARC-52. TUROK ARRIVED ROUND ISLAND PARK AT 1200. TOW UNDERWAY AT 1230 AND WIGGINS ARRIVED ROUND ISLAND AT 1700. NEFF DELIVERED SKYTRACK IN AM PRIOR TO OUR ARRIVAL AT ROUND ISLAND PARK. ONE FLATBED TRUCK ARRIVED AT 1300. BENTON, JENKINS, SWEATMAN AND STEED DEPARTED CHARLESTON AT 0400 AND ARRIVED ROUND ISLAND AT 1330. UNLOADED FLATBED. ALL DIVERS ARRIVED IN PM. KELLY AND HAYMAN OF 309 TH ARRIVED IN PM. CRAWLER CRANE ARRIVED AT 1930. FLATBED TRUCK WITH TIMBERS WENT BACK TO CHARLESTON BECAUSE HE WAS OVERWEIGHT. SOME WAS TOOK OFF AND HE DEPARTED CHARLESTON AT 1600. NICHOLS DELIVERED THE 2 CUBIC YARD TRASH DUMPSTER.									
Days of no work and reasons for same:									
N/A N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A N/A									

QCC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/11/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					3				
ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/12/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 50		MAXIMUM 85		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING N/A		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 6	OFFICE	LAYOUT	INSPECTION	TOTAL 25	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		X	1	X	2	3
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. LANDSTAR LIGON TRANSPORTATION CO. b. JACKSONVILLE TOWING AND SALVAGE NEFF RENTAL									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) NINE ARMY PERSONNEL FROM 309 TH ARRIVED. FLATBED TRUCK WITH TIMBERS ARRIVED AT 0900. ANOTHER FLATBED TRUCK WITH SOME TIMBERS AND WORK HOUSE FROM MAYPORT IS DUE ON 05/14/98. TRACKHOE IS NOT READY AT NEFF DUE TO MECHANICAL PROBLEMS. THEY WILL FLY PART IN TONIGHT. PUT DIVE BOAT IN WATER AND DIVERS ARE SETTING IT UP TO WORK OUT OF. ORGANIZING STAGING/LAYDOWN AREA AT ROUND ISLAND PARK. NO PORT-O-LETS FROM NICHOLS AND CAN'T GET ANYONE TO ANSWER THE PHONE.									
Days of no work and reasons for same:									
N/A N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/12/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					4				
TITLE: DISTRICT ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/13/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR N/E 15-20				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	60	87			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		N/A		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME	
6				25	19	N/A		N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	2	3
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. LANDSTAR LIGON TRANSPORTATION CO. b. JACKSONVILLE TOWING AND SALVAGE NEFF RENTAL									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above) PART FOR TRACK HOE BEING INSTALLED TODAY. TRUCK WITH REMAINING TIMBERS AND HOUSE FROM MAYPORT BEING LOADED FOR ARRIVAL AT ROUND ISLAND 05/14/98. WAITING ON LARC ARRIVAL. DIVERS BEGAN SEARCH BUT WAVES STARTED BUILDING IN PM. HAVE NOT RECEIVED PORT-O-LETS FROM NICHOLS YET AND CAN'T GET ANYONE TO TALK TO ON THE PHONE.									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
TRACK HOE BEING REPAIRED PRIOR TO DELIVERY.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
OR OTHER COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/13/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 5				
TO: ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/14/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR N/E 20-30				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 60	MAXIMUM 89			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING N/A		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 6	OFFICE	LAYOUT	INSPECTION	TOTAL 25	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3		
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. LANDSTAR LIGON TRANSPORTATION CO. b. JACKSONVILLE TOWING AND SALVAGE NEFF RENTAL									
WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above) TIMBERS AND WORK HOUSE ARRIVED AT 0900. HEARD FROM TOW BOAT AND HE IS DUE AT COAST GUARD BASE AT 1200. LARC ARRIVED AT COAST GUARD BASE AT 1400. TUG HAS ENGINE TROUBLES. LARC WENT OUT OF INLET TO ROUND ISLAND PARK UNDER OWN POWER, ARRIVING AT ROUND ISLAND AT 1730. NICHOLS SANITATION FINALLY CALLED CHARLESTON TO TELL CONTRACTING OFFICER THAT THEY COULD NOT PROVIDE PORT-O-LETS. DIVERS COULD NOT DIVE DUE TO HIGH WINDS AND ROUGH WATER. NEFF IS STILL WORKING ON TRACK HOE.									
Days of no work and reasons for same: EIGHT DIVERS COULD NOT WORK TODAY									
Information on progress of work, causes of delay, Plant, Material, Etc. TRACK HOE PROBLEMS									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/14/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 6				
TO: [] OE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/15/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR N/E 20-30				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	65	90			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
6				25	19	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3		
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. NEFF RENTAL b. MR BOB'S PORT-O-LET SERVICE									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above) TACK HOE DELIVERED IN A/M BUT WAS NOT RUNNING PROPERLY. I TALKED TO MARK KING AND HE SENT A MECHANIC TO FIX ASAP. SEEMS TO BE WORKING FINE NOW. HAD KIETH SMOAK OBTAIN 2 PORT-O-LETS FROM MR BOB'S SERVICE. THEY DELIVERED APPROXIMATELY 1800. NO DIVING DUE TO HIGH WINDS AND ROUGH WATER (7/8 FOOT SEAS). STARTED BUILDING PLATFORM IN LARC FOR TRACK HOE.									
Days of no work and reasons for same: EIGHT DIVERS COULD NOT WORK TODAY									
Information on progress of work, causes of delay, Plant, Material, Etc. TRACK HOE ARRIVED BROKEN, BUT WAS FIXED BY A MECHANIC FROM RENTAL COMPANY.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
OR COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT, TRACK HOE

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/15/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

7

TO: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE: 5/16/98 SAT

PROJECT: FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER: N/A

CONTRACTOR (Or hired labor)
ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: CLEAR N/E 20-30

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
68	92

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0	N/A

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
6				25	19	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES	NUMBER OF SHIFTS	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3
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SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a.
- b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)
COMPLETED PLATFORM IN LARC AND PUT TRACK HOE ON LARC. SECURED TRACK HOE WITH TURNBUCKLES AND CHAINS. NO DIVING DUE TO HIGH WINDS AND ROUGH SEAS.

Days of no work and reasons for same:

EIGHT DIVERS COULD NOT WORK TODAY

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
PLEASE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT, TRACK HOE

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/16/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 8				
TO: COE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/17/98 SUN				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR S/E 5-15				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 68		MAXIMUM 94		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING N/A		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		X	1	X	2	3
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. FLORIDA NATIONAL GUARD, C BATTERY 2-265 TH ADA, 2805 DELAWARE AVENUE, FORT PIERCE, FLA 34947									
b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above) EOD DIVERS BANAHAM AND HERBERT LEFT SITE IN P/M. DIVERS COMMENCED SEARCH IN A/M. SEAS STILL ROUGH BUT SUBSIDING. KELLY FROM 309 TH LEFT SITE IN A/M. LARC SUSTAINED PUNCTURED LEFT FRONT TIRE AT 0800 BETWEEN ROUND ISLAND AND PV MARTINS. ARRANGED TO GET A TIRE FROM PALATKA. NATIONAL GUARD UNIT (C BATTERY, 2-265 TH ADA LOANED A TRUCK AND 2 DRIVERS TO GO AND GET TIRE. ARRIVED BACK AT ROUND ISLAND WITH TIRE AT 2330. PREPARED LARC FOR TIRE REMOVAL.									
Days of no work and reasons for same: FOUR EDC AND TEN 309 TH PERSONNEL COULD NOT WORK DUE TO FLAT TIRE ON LARC.									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
OR COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT, TRACK HOE

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/17/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

9

TO: **OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER**

DATE: **5/18/98 MON**

PROJECT: **FORT PIERCE BEACH BARRIER REMOVAL**

CONTRACT NUMBER: **N/A**

CONTRACTOR (Or hired labor): **ENVIRONMENTAL DETACHMENT CHARLESTON**

WEATHER: **CLEAR S-S/W 5-10**

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
70	94

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0	N/A

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEEET	TIME
5				24	19	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES

NUMBER OF SHIFTS

<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	3
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SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a.
- b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

SPENT MOST OF THE DAY TRYING TO LOCATE JACKING BOLTS TO REMOVE THE TIRE FROM THE LARC. ENDED UP HAVING THE BOLTS MACHINED AT A LOCAL MACHINE SHOP. MAY BE READY LATE THIS P/M. LARC IS JACKED UP AND READY TO TAKE THE TIRE OFF OF. DIVERS FOUND TWO ANOMALIES OFF OF PV MARTINS. EOD DIVERS SATHE AND TOWNSEND REPORTED ON JOB SITE TO REPLACE BONAHAM AND HERBERT.

Days of no work and reasons for same:

FOUR EDC AND TEN 309TH PERSONNEL COULD NOT WORK DUE TO FLAT TIRE ON LARC.

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
OR COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT, TRACK HOE

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/18/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

10

PROJECT: COE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE:

5/19/98 TUE

PROJECT: FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER:

N/A

CONTRACTOR (Or hired labor)
ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: CLEAR S/W 5-10

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
70	95

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0	N/A

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
5				24	19	N/A	N/A
NUMBER OF CONTRACT'S EMPLOYEES				NUMBER OF SHIFTS			
				X 1		X 2	3
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000		

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of Contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a.
- b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

RECEIVED JACKING BOLTS FROM MACHINE SHOP AT 0830. COMMENCED TIRE CHANGE OUT. COMPLETED AT 1230. ACOE HAD MEDIA DAY AT 1300. AT 1430, LARC PROCEEDED SOUTH TO PV MARTIN'S AND RETRIEVED ONE PIECE OF DEBRIS FROM BEACH THAT WAS VISIBLE (CONCRETE) AND ONE PIECE OF STEEL THAT HAD BEEN FOUND IN THE WATER. SEA BREEZE GOT UP AND THE WATER BECAME ROUGH IN THE LATE P/M.

Days of no work and reasons for same:

FOUR EDC AND TEN 309TH PERSONNEL COULD NOT WORK DUE TO FLAT TIRE ON LARC IN THE A/M

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
OR OTHER COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: CRAWLER CRANE, ALL TERRAIN FORKLIFT, TRACK HOE

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/19/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					11				
TITLE: ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/20/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & FOGGY IN AM, CLEAR AND S/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	70	93			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FET	TIME		
5				24	19	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES				NUMBER OF SHIFTS		1		X 2	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVERS SEARCHING OFF OF PV MARTINS IN 5-8 FOT WATER DEPTH. NO SCULLIES FOUND TODAY. LARC-52 IN SAME AREA RETRIEVING PREVIOUSLY FOUND OBJECTS CONSISTING OF SMALL PIECES OF CONCRETE WITH SOME REBAR CONNECTED. WATER BECAME ROUGH IN THE PM AND THIS APPEARS TO BE A PATTERN (EVENING SEA BREEZE)									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/20/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					12				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/21/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & CLEAR IN AM, CLEAR AND S/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	70	94			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				24	19	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES				NUMBER OF SHIFTS					
						1 X 2 3			
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>DIVERS SEARCHING BETWEEN NORTH AVALON AND PV MARTINS IN THE 7-10 FOOT WATER DEPTH. APPROXIMATELY 7 OBJECTS THAT APPEAR TO BE FULL SIZE SCULLIES PARTIALLY IMBEDDED IN THE SAND WERE LOCATED IN THE SEARCH AREA TODAY. DUE TO LOCATION, A THOROUGH SEARCH OF THE AREA BETWEEN THE BEACH AND THE OBJECTS WILL HAVE TO BE MADE PRIOR TO ALLOWING THE LARC TO ENTER THE WATER. NO DEBRIS WAS REMOVED TODAY.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
OR OTHER COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/21/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					13				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/22/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & CLEAR IN AM, CLEAR AND S/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 68		MAXIMUM 96		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. JACKSONVILLE TOWING AND SALVAGE.									
b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above) DIVERS SEARCHING BETWEEN NORTH AVALON AND PV MARTINS IN THE 7-10 FOOT WATER DEPTH. PERSONNEL FROM 309 th AND EDC PULLED DRAG CHAIN FROM ROUND ISLAND TO SOUTH AVALON PARK. BROUGHT LARK-52 TO AREA AND REMOVED 8/10 OBJECTS THAT WERE LOCATED IN AREA OF PV MARTINS. ALL WERE RAILROAD IRONS, EXCEPT FOR ONE TYPE I SCULLY . SOME LOOSE CONCRETE PIECES WERE DUG UP IN PROCESS AS WELL AS SEVERAL PIECES OF REBAR IRON. RAILROAD IRONS RANGED IN LENGTH FROM 3 FEET TO 12 FEET. THERE ARE NUMEROUS OTHER PIECES OF DEBRIS IN THE AREA IMMEDIATELY SOUTH OF SOUTH AVALON PARK THAT WILL BE RETRIEVED WHEN TIDE IS LOW DUE TO DEPTH OF WATER. WIGGINS WENT TO PALATKA TO COORDINATE TOW OF LARC-40. TOW WAS UNDERWAY AT 1130.									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

ADDITIONAL INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS BW	DATE 5/22/98
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INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 14				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/23/98 SAT				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & CLEAR IN AM, CLEAR AND S/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 68		MAXIMUM 93		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>DIVERS SEARCHING BETWEEN SOUTH AVALON AND PV MARTINS IN THE 7-10 FOOT WATER DEPTH. PERSONNEL FROM 309th AND EDC PULLED DRAG CHAIN FROM ROUND ISLAND TO SOUTH AVALON PARK. LOCATED 13 OBJECTS FROM WATERS EDGE OUT TO APPROXIMATELY 3 FEET OF DEPTH. ALL OBJECTS WERE IN THE AREA BETWEEN NORTH AND SOUTH AVALON PARKS. BROUGHT LARC 52 TO AREA AND RETRIEVED ALL OBJECTS. ALL WERE RAILROAD IRONS, BUT SOME LOOSE CONCRETE PIECES WERE DUG UP IN PROCESS AS WELL AS SEVERAL PIECES OF REBAR IRON. RAILROAD IRONS RANGED IN LENGTH FROM 3 FEET TO 12 FEET. THERE ARE NUMEROUS OTHER PIECES OF DEBRIS IN THE AREA IMMEDIATELY SOUTH OF SOUTH AVALON PARK THAT WILL BE RETRIEVED WHEN TIDE IS LOW DUE TO DEPTHOF WATER.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING
MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/23/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 15				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/24/98 SUN				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & CLEAR IN AM, CLEAR AND S/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 70		MAXIMUM 93		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A		TIME N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) ALL PERSONNEL FROM 309 th , EDC, SIMA DIVERS AND EOD DIVERS INVOLVED IN REMOVAL OD DEBRIS LOCATED IN AREA IMMEDIATELY SOUTH OF SOUTH AVALON PARK. THIS IS A HUGE DEBRIS FIELD THAT RUNS FROM THE 3-8 FOOT WATER DEPTH AT LOW TIDE. IT CONSISTS OF NUMEROUS PIECES OF CONCRETE, REBAR AND RAILROAD IRONS EITHER CONNECTED OR SEPARATE. CONCRETE PIECES RANGE IN SIZE FROM VERY SMALL UP TO APPROXIMATELY 900/1000 LBS. LARC 52 WITH TRACKHOE WAS USED TO RETRIEVE DEBRIS. COVERED APPROXIMATELY 50 YARDS OF BEACHFRONT TODAY. REMOVAL IS VERY SLOW AND TEDIOUS.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/24/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 16				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/25/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & CLEAR IN AM, CLEAR AND S/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	70	94			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>ALL PERSONNEL FROM 309th, EDC, SIMA DIVERS AND EOD DIVERS INVOLVED IN REMOVAL OD DEBRIS LOCATED IN AREA IMMEDIATELY SOUTH OF SOUTH AVALON PARK. THIS IS A HUGE DEBRIS FIELD THAT RUNS FROM THE 3-8 FOOT WATER DEPTH AT LOW TIDE. IT CONSISTS OF NUMEROUS PIECES OF CONCRETE, REBAR AND RAILROAD IRONS EITHER CONNECTED OR SEPARATE. CONCRETE PIECES RANGE IN SIZE FROM VERY SMALL UP TO APPROXIMATELY 900/1000 LBS. LARC 52 WITH TRACKHOE WAS USED TO RETRIEVE DEBRIS. COVERED APPROXIMATELY 50 YARDS OF BEACHFRONT TODAY. REMOVAL IS VERY SLOW AND TEDIOUS.</p> <p>THIS IS A CONTINUATION OF SUNDAY'S WORK, CLEARING APPROXIMATELY THE SAME AMOUNT OF BEACHFRONT AS ON SUNDAY. ANTICIPATE APPROXIMATELY 2 MORE DAYS IN THIS AREA TO REMOVE ALL DEBRIS. THERE WERE (3) 2 POUND BLOCKS OF C-2 EXPLOSIVES RETRIEVED TODAY. EOD/MU-6 DIVERS HAVE TAKEN IT TO DEMOLITION RANGE AT PATRICK AFB.</p> <p>LARC-40 ARRIVED AT FORT PIERCE COAST GUARD STATION AT 0900 UNDER TOW. DEPARTED UNDER OWN POWER AT 1030 AND ARRIVED AT ROUND ISLAND PARK 1200.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/25/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 17				
ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/26/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: OVERCAST TO PARTLY CLOUDY AND S/E 10/25				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 68		MAXIMUM 88		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) NO DIVING TODAY AS SIMA IS ROTATING A NEW CREW OF DIVERS TO THE PROJECT. TODAY WAS USED AS A MAINTENANCE AND CLEANUP DAY BY ALL OTHERS. TRACKHOE WAS RELASHED IN THE LARC-52 DUE TO SLIGHT LOOSENING CAUSED BY DIGGING INTO THE HARD SEA BED.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

QCC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/26/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 18				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/27/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: OVERCAST, S/E 10/15 IN AM, OVERCAST AND S/E 10-20 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 70		MAXIMUM 90		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES TRACE		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above) NEW CREW OF DIVERS ARE ON SITE AND WORKING. STILL REMOVING OBJECTS IN THE DEBRIS FIELD IMMEDIATELY SOUTH OF SOUTH AVALON PARK. RETRIEVED APPROXIMATELY 10 TONS OF CONCRETE LACED WITH REBAR AND SEVERAL RAILROAD IRONS TODAY. SURF IS VERY ROUGH WITH A STRONG UNDERTOW AND THE DIVERS ARE BEING TOSSED ABOUT PRETTY BAD. WINDS HAVE BEEN STRONG THROUGHOUT THE DAY FROM THE SOUTHEAST AND INTENSIFIED IN THE PM. THIS IS DUE TO A STORM FRONT THAT IS PASSING ACROSS THE PENINSULA. THERE IS NO NEW SEARCHING IN PROGRESS TODAY AS IT IS TAKING ALL OF THE DIVERS TO RIG FOR THE RETRIEVAL OF OBJECTS IN THE DEBRIS FIELD.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARK-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/27/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 19				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/28/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CALM & OVERCAST IN AM, RAINY AND S/W 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 72		MAXIMUM 88		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES ½ "		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>DIVERS CONTINUING TO ASSIST EDC AND 309th PERSONNEL WITH THE REMOVAL OF OBJECTS FROM THE DEBRIS FIELD SOUTH OF SOUTH AVALON PARK, NUMEROUS PIECES OF CONCRETE, REBAR AND RAIROAD IRONS WERE REMOVED. CONCRETE PIECES RANGED IN SIZE FROM BASKETBALL SIZE TO ONE OF APPROXIMATELY 5,000 POUNDS. FILLED THE WELL DECK OF THE LARC TWICE TODAY WITH DEBRIS. MANY OBJECTS STILL LOCATED IN THIS DEBRIS FIELD AND EXPECT TO SPEND AT LEAST ONE MORE DAY REMOVING OBJECTS BEFORE CONTINUING THE SEARCH IN DEEPER WATER.</p> <p>SEVERE WEATHER LATE IN PM FORCED REMOVAL OPERATION TO STOP DUE TO HAZARD OF LIGHTNING.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/28/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 20				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/29/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PLTY CLDY AND S 5-10 IN AM, PLTY CLDY AND N/E 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 74		MAXIMUM 90		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES TRACE		ENDING 0600		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. NICHOLS SANITATION (ROLL OFF DUMPSTER FOR DEBRIS DISPOSAL) b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVERS CONTINUING TO ASSIST EDC AND 309 th PERSONNEL WITH THE REMOVAL OF OBJECTS FROM THE DEBRIS FIELD SOUTH OF SOUTH AVALON PARK, A LARGE QAUNTYTY OF CONCRETE, REBAR AND RAILROAD IRONS WERE REMOVED. CONCRETE PIECES RANGED IN SIZE FROM BASKETBALL SIZE TO ONE TYPE IV SCULLY APPROXIMATELY ¾ INTACT. FILLED THE WELL DECK OF THE LARC TWICE TODAY WITH DEBRIS. MANY OBJECTS STILL LOCATED IN THIS DEBRIS FIELD AND WILL CONTINUE REMOVING OBJECTS BEFORE CONTINUING THE SEARCH IN DEEPER WATER. REMOVED (1) COMPLETE AND (1) HALF BLOCK OF C-2 PLASTIC EXPLOSIVE (TOTAL OF 3 POUNDS. EOD/MU-6 DISPOSED OF AT PATRICK AFB DEMOLITION RANGE. HAD A 20 YARD ROLL OFF DUMPSTER DELIVERED TO ROUND ISLAND PARK THIS PM FOR DEBRIS DISPOSAL AND BEGAN LOADING IT.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/29/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 21				
ENGINEER: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/30/98 SAT				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND N/E 10 IN AM, RAINY AND SW 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	72	92			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 1/4 "		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME	
5				24	19	N/A		N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. NICHOLS SANITATION b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVERS CONTINUING TO ASSIST EDC AND 309 th PERSONNEL WITH THE REMOVAL OF OBJECTS FROM THE DEBRIS FIELD SOUTH OF SOUTH AVALON PARK, NUMEROUS PIECES OF CONCRETE, REBAR AND RAIROAD IRONS WERE REMOVED. CONCRETE PIECES RANGED IN SIZE FROM BASKETBALL SIZE TO TWO OF BETWEEN 5,000-6,000 POUNDS. FILLED THE WELL DECK OF THE LARC TWICE TODAY WITH DEBRIS. MANY OBJECTS STILL LOCATED IN THIS DEBRIS FIELD AND WILL CONTINUE REMOVING OBJECTS BEFORE CONTINUING THE SEARCH IN DEEPER WATER. ONE DUMPSTER OF DEBRIS WAS REMOVED FROM SITE TO UPLAND LAND FILL. NET DEBRIS WEIGHT WAS 15.4 TONS (30,800 LBS)									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/30/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 22				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 5/31/98 SUN				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND N/E 10 IN AM, RAINY AND SW 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 74		MAXIMUM 94		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES .10 "		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 24	LABOR 19	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>DIVERS CONTINUING TO ASSIST EDC AND 309th PERSONNEL WITH THE REMOVAL OF OBJECTS FROM THE DEBRIS FIELD SOUTH OF SOUTH AVALON PARK, NUMEROUS PIECES OF CONCRETE, REBAR AND RAIROAD IRONS WERE REMOVED. CONCRETE PIECES RANGED IN SIZE FROM BASKETBALL SIZE TO ONE COMPLETE TYPE IV SCULLY OF APPROXIMATELY 10,600 POUNDS.</p> <p>FILLED THE WELL DECK OF THE LARC TWICE TODAY WITH DEBRIS. MORE OBJECTS ARE STILL LOCATED IN THIS DEBRIS FIELD AND REMOVAL OF THESE WILL CONTINUE BEFORE RESTARTING THE SEARCH IN DEEPER WATER.</p> <p>CUT THE SIDEWALL OF RIGHT FRONT TIRE ON LARC-52 TODAY, APPARENTLY WITH A PIECE OF METAL DEBRIS. TIRE IS NOT UNUSABLE AT PRESENT TIME AS THE CUT IS A 1 1/4 " DEEP TRIANGULAR FLAP APPROXIMATELY 10" BY 10". THE TIRE WILL HAVE TO BE REPLACED IN THE FUTURE.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

5/31/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 23				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/01/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND CALM IN AM, CLEAR AND W 5-10 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 74		MAXIMUM 96		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 23	LABOR 18	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVERS CONTINUING TO ASSIST EDC AND 309 th PERSONNEL WITH THE REMOVAL OF OBJECTS FROM THE DEBRIS FIELD SOUTH OF SOUTH AVALON PARK, NUMEROUS PIECES OF CONCRETE, REBAR AND RAIROAD IRONS WERE REMOVED. CONCRETE PIECES RANGED IN SIZE FROM BASKETBALL SIZE TO SEVERAL PARTIAL TYPE IV SCULLIES OF APPROXIMATELY 4,000-5,000 POUNDS EACH. FILLED THE WELL DECK OF THE LARC TWICE TODAY WITH DEBRIS. MORE OBJECTS ARE STILL LOCATED IN THIS DEBRIS FIELD AND REMOVAL OF THESE WILL CONTINUE BEFORE RESTARTING THE SEARCH IN DEEPER WATER. TOWARD THE LATTER PART OF THE DAY, THE AMOUNT OF DEBRIS FOUND HAS DIMINISHED AND IT APPEARS THAT THE CLEARING OF THE DEBRIS FIELD IS NEARING COMPLETION.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/01/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 24				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/02/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND W 5-10 IN AM, PTLY CLDY AND W 5-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	74	97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 23	LABOR 18	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. NICHOLS SANITATION b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVERS CONTINUING TO ASSIST EDC AND 309 th PERSONNEL WITH THE REMOVAL OF OBJECTS FROM THE DEBRIS FIELD SOUTH OF SOUTH AVALON PARK, NUMEROUS PIECES OF CONCRETE, REBAR AND RAIROAD IRONS WERE REMOVED. CONCRETE PIECES RANGED IN SIZE FROM BASKETBALL SIZE TO ONE PARTIAL SCULLY OF APPROXIMATELY 4,000 POUNDS. FILLED THE WELL DECK OF THE LARC TWICE TODAY WITH DEBRIS. NO MORE OBJECTS WERE LOCATED IN THIS DEBRIS FIELD AND RESTARTED THE SEARCH IN DEEPER WATER AT SOUTH AVALON PARK WORKING TO THE NORTH. WILL MAKE ONE MORE DIVING SWEEP THROUGH THE DEBRIS FIELD ON 6/03/98 TO ENSURE COMPLETE REMOVAL OF ALL OBJECTS. TWO DUMPSTERS OF DEBRIS WERE REMOVED FROM SITE TO UPLAND LAND FILL. NET DEBRIS WEIGHT FOR FIRST DUMPSTER WAS 16.89 TONS (33,780 LBS). WEIGHT OF SECOND DUMPSTER WILL BE KNOWN ON 6/03/98.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/02/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					25				
ENGINEER: [] OE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/03/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND W 5-10 IN AM, PTLY CLDY AND SW 5-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	76	97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0	2400			
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				23	18	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	<input checked="" type="checkbox"/> 2	3		
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>COMPLETED ONE LAST DIVING SEARCH SWEEP THROUGH THE DEBRIS FIELD AT SOUTH AVALON PARK AREA. NO OBJECTS WERE FOUND AND CONFIDENCE IS HIGH THAT THIS AREA IS FREE OF ANY FURTHER OBJECTS. THE DIVING SEARCH CONTINUED IN DEEPER WATER FROM THE NORTH END OF THE DEBRIS FIELD AREA WORKING IN A NORTHERLY DIRECTION. SOME OBJECTS WERE FOUND APPROXIMATELY 300 YARDS NORTH OF THE ACCESS BOARDWALK AT NORTH AVALON PARK AND LARC-52 WAS MOVED INTO POSITION TO RETRIEVE THESE. REMOVED 2 PARTIAL SCULLIES OF APPROXIMATELY 5,000 LBS EACH AND NUMEROUS OTHER PIECES OF SMALL CONCRETE, REBAR, METAL PIPES AND RAILROAD IRONS. DIVING SEARCH CONTINUED NORTH THROUGHOUT THE DAY AND MORE OBJECTS HAVE BEEN LOCATED AND MARKED. MAINTENANCE PERFORMED ON LARC-52 IN PM.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/03/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					26				
ENGINEER: [] DE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/04/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND W 5-10 IN AM, CLEAR AND SW 5-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	78	97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				23	18	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS						
					1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>CONTINUED THE DIVING SEARCH IN DEEPER WATER FROM APPROXIMATELY 500 YARDS TO 1,000 YARDS NORTH OF THE ACCESS BOARDWALK AT NORTH AVALON PARK, WORKING IN A NORTHERLY DIRECTION. SOME OBJECTS WERE FOUND IN THIS AREA AND HAVE BEEN MARKED FOR FUTURE REMOVAL. LARC-52 WAS MOVED INTO POSITION TO RETRIEVE OBJECTS MARKED PREVIOUSLY. REMOVED 1 COMPLETE TYPE IV SCULLY OF APPROXIMATELY 13,500 LBS AND NUMEROUS OTHER PIECES OF SMALL CONCRETE, REBAR, METAL PIPES AND RAILROAD IRONS. DIVING SEARCH CONTINUED NORTH THROUGHOUT THE DAY AND MORE OBJECTS HAVE BEEN LOCATED AND MARKED.</p> <p>NET DEBRIS WEIGHT FOR 2 nd DUMPSTER THAT WAS HAULED TO LANDFILL ON 06/02/98 WAS 16.59 TONS (33,180 LBS).</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/04/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 27				
ENGINEER: [] OE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/05/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY AND W 5-10 IN AM, CLEAR AND SW 5-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 80		MAXIMUM 98		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 23	LABOR 18	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. NICHOLS SANITATION b. []									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) CONTINUED SEARCHING IN DEEPER WATER FROM WHERE THE SEARCH STOPPED ON THURSDAY NORTH OF THE ACCESS BOARDWALK AT NORTH AVALON PARK, WORKING IN A NORTHERLY DIRECTION. MORE OBJECTS WERE FOUND IN THIS AREA AND HAVE BEEN MARKED FOR FUTURE REMOVAL. LARC-52 WAS MOVED INTO POSITION TO RETRIEVE OBJECTS MARKED PREVIOUSLY. REMOVED 3 COMPLETE TYPE IV SCULLIES OF APPROXIMATELY 15,000 LBS EACH AND NUMEROUS OTHER PIECES OF SMALL CONCRETE, REBAR, METAL PIPES AND RAILROAD IRONS. DIVING SEARCH CONTINUED NORTH THROUGHOUT THE DAY AND MORE OBJECTS HAVE BEEN LOCATED AND MARKED. ONE DUMPSTER WAS HAULED TO LANDFILL TODAY. NET WEIGHT OF DEBRIS REMOVED WILL BE KNOWN WHEN WEIGHT TICKET IS RECEIVED FROM WASTE COMPANY.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc. N/A									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/05/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL
 (ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR
 REPORT NUMBER:
 28

TO: [Redacted] DE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE: 6/06/98 SAT

PROJECT: FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER: N/A

CONTRACTOR (Or hired labor)
 ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: CLEAR AND W 5-10 IN AM,
 CLEAR AND SW 5-15 IN PM

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
80	99

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0	2400

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
5				23	18	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES		NUMBER OF SHIFTS		1		X		2		3	
--------------------------------	--	------------------	--	---	--	---	--	---	--	---	--

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

NUMBER OF CONTRACT'S EMPLOYEES		NUMBER OF SHIFTS		1		X		2		3	
--------------------------------	--	------------------	--	---	--	---	--	---	--	---	--

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.
 Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a.
 b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)
 CONTINUED THE SEARCH IN DEEPER WATER FROM WHERE THE SEARCH STOPPED ON FRIDAY APPROXIMATELY HALFWAY BETWEEN THE ACCESS BOARDWALK AT NORTH AVALON PARK AND THE ENTRANCE TO ROUND ISLAND PARK, WORKING IN A NORTHERLY DIRECTION. MORE OBJECTS WERE FOUND IN THIS AREA AND HAVE BEEN MARKED FOR FUTURE REMOVAL.. LARC-52 WAS MOVED INTO POSITION TO RETRIEVE OBJECTS LOCATED PREVIOUSLY. REMOVED 8 COMPLETE TYPE II SCULLIES OF APPROXIMATELY 3,200 LBS EACH AND NUMEROUS OTHER PIECES OF SMALL CONCRETE, REBAR, METAL PIPES AND RAILROAD IRONS. DIVING SEARCH CONTINUED NORTH THROUGHOUT THE DAY, ENDING AT THE ACCESS TO ROUND ISLAND PARK AND MORE OBJECTS HAVE BEEN LOCATED AND MARKED.
 LARC-52 DEVELOPED AN OIL LEAK LATE IN THE PM ON A GATHERING BOX AND REPAIRS WILL COMMENCE SUNDAY AM. EXPECT TO CONTINUE WITH THE DEBRIS REMOVAL AS SOON AS LEAK IS CORRECTED.

Days of no work and reasons for same:
 N/A

Information on progress of work, causes of delay, Plant, Material, Etc.
 BELIEVE THAT THE OIL LEAK AT THE GATHERING BOX MENTIONED ABOVE IS DUE TO A FAULTY SEAL. IF SO, THE SEAL IS ON HAND AND DO NOT EXPECT A MAJOR DELAY.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/06/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 29				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/07/98 SUN				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR AND W 5-10 IN AM, CLEAR AND SW 5-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 78	MAXIMUM 97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES .50"		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 23	LABOR 18	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>CONTINUED THE SEARCH IN DEEPER WATER FROM WHERE THE SEARCH STOPPED ON SATURDAY APPROXIMATELY 1,000 YARDS SOUTH OF THE ENTRANCE TO ROUND ISLAND PARK, WORKING IN A NORTHERLY DIRECTION. MORE OBJECTS WERE FOUND IN THIS AREA AND HAVE BEEN MARKED FOR FUTURE REMOVAL.. LARC-52 WAS MOVED INTO POSITION IN THE P.M. TO RETRIEVE OBJECTS LOCATED PREVIOUSLY. REMOVED SEVERAL LARGE PIECES OF CONCRETE OF APPROXIMATELY 500—1,000 LBS EACH AND NUMEROUS OTHER PIECES OF SMALL CONCRETE, REBAR, METAL PIPES AND RAILROAD IRONS. DIVING SEARCH CONTINUED NORTH THROUGHOUT THE DAY, ENDING APPROXIMATELY 400 YARDS NORTH OF THE ACCESS TO ROUND ISLAND PARK AND MORE OBJECTS HAVE BEEN LOCATED AND MARKED.</p> <p>THE OIL LEAK ON LARC-52'S GATHERING BOX WAS CORRECTED BY NOON SUNDAY. DEBRIS REMOVAL WAS CONDUCTED IN THE PM UNTIL THUNDERSTORMS DEVELOPED AND WORK WAS STOPPED DUE TO HEAVY RAIN AND LIGHTNING.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
THE OIL LEAK AT THE GATHERING BOX MENTIONED ABOVE WAS DUE TO A FAULTY SEAL. THE SEAL WAS ON HAND AND NO MAJOR DELAYS WERE ENCOUNTERED.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/07/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 30				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/08/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR AND N/E 10-20 IN AM, PTLY CLDY AND N/E 15-25 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 78		MAXIMUM 87		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES .25"		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 23	LABOR 18	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) NO DIVING TODAY DUE TO THIS BEING A SCHEDULED ROTATION OF DIVERS DAY BY SIMA, MAYPORT. ALL OTHERS USED THIS DAY AS A MAINTENANCE DAY. WINDS AND SURFWERE SO HIGH THAT NO DIVING WOULD HAVE BEEN ACCOMPLISHED HAD DIVING BEEN SCHEDULED.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/08/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 31				
TO: [] E, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/09/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & E 10-25 IN AM, PTLY CLDY AND E/SE 10-25 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	78	88			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				23	18	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS			1	X	2	3
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. NICHOLS SANITATION									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>DUE TO HIGH WINDS AND ROUGH SURF, THERE WAS NO DIVING OR RETRIEVAL OPERATIONS PERFORMED. ACCOMPLISHED REPAIRS TO DEBRIS TUB THAT IS USED ON BOARD THE LARC. NICHOLS SANITATION HAULED OFF ONE CONTAINER OF DEBRIS AND DELIVERED AN EMPTY CONTAINER. WILL KNOW THE WEIGHT OF REMOVED DEBRIS WHEN LANDFILL WEIGHT TICKET IS PROVIDED FROM CONTAINER COMPANY.</p> <p>DURING THE NIGHT, A SEA TURTLE NESTED ON THE NORTHERN EDGE OF THE ACCESS OPENING TO ROUND ISLAND PARK. THE NEST DOES NOT PREVENT THE LARC FROM ENTERING/EXITING THE PARK, BUT A PREVENTATIVE FENCE OF ORANGE SAFETY PLASTIC MESH WAS EXTENDED IN THE AREA OF THE ACCESS OPENING THAT WILL POSSIBLY DIRECT OTHER NESTING TURTLES TO THE SIDES OF THE ACCESS OPENING.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									
LOST DIVING AND RETRIEVAL DAY DUE TO HIGH WINDS AND SURF.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/09/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 32				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/10/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & S 10 IN AM, PTLY CLDY AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 78		MAXIMUM 91		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 23	LABOR 18	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above) NINE OF FIFTEEN ANOMALIES LOCATED ON SUNDAY 6/7/98 HAD THE MARKER BOUYS TORN OFF BY ROUGH SEAS ON MONDAY AND TUESDAY. WILL HAVE TO RELOCATE THESE OBSTACLES. REMAINING SIX OBJECTS WERE REMOVED ALONG WITH SEVERAL OTHERS LOCATED DURING RETRIEVAL PROCESS. OBJECTS REMOVED CONSISTED OF CONCRETE RUBBLE, REBAR, RAILROAD IRONS AND PIPES. WEIGHT OF DEBRIS REMOVED BY NICHOLS SANITATION ON 6/05/98 WAS 15.76 TONS (31,520 LBS) AND ON 6/08/98 WAS 12.69 TONS (25,380 LBS). DIVERS WORKING THE JACKSTAY OVER THE AREA WHERE THE MARKERS WERE LOST DURING THE STORM. THE BEACH HAS CHANGED SINCE THE STORMS OF THE LAST TWO DAYS AND WE ARE TRYING TO DETERMINE TO WHAT EXTENT.									
Days of no work and reasons for same: N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
		BW	6/10/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					33				
ENGINEER: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/11/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & W 5-10 IN AM, PTLY CLDY AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	80	97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				23	18	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>DIVERS CONTINUED SEARCH OPERATION NORTH AND SOUTH OF ROUND ISLAND PARK ENTRANCE IN THE SHALLOW WATER AREA. SEVERAL ANOMALIES WERE LOCATED SOUTH OF PARK IN SAME AREA AS RETRIEVAL EFFORT IS TAKING PLACE. RETRIEVAL IN PROGRESS APPROXIMATELY 1,000 YARDS SOUTH OF ROUND ISLAND PARK ENTRANCE. REMOVED NUMEROUS PIECES OF CONCRETE, REBAR, PIPE AND RAILROAD IRON DEBRIS TODAY, HAVING TO EMPTY THE LARC WELL DECK TWICE. THE LARGEST PIECE OF DEBRIS WEIGHED APPROXIMATELY 1,000 POUNDS. EOD/MU-6 DIVERS UNCOVERED 3 BARRAGE ROCKETS (TINY TIMS) AND ONE 80mm MORTAR SHELL. THESE WERE TAKEN TO PATRICK AFB AND DETONATED.</p> <p>AS PREVIOUSLY PLANNED, THE OPERATION WAS SUSPENDED AT THE CLOSE OF WORK TODAY EXCEPT FOR DIVING SEARCH AND EQUIPMENT MAINTENANCE AND WILL RESUME AGAIN ON THE MORNING OF 6/16/98.</p>									
Days of no work and reasons for same:									
N/A									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/11/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					34				
ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/12/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & W 5-10 IN AM, PTLY CLDY AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 80		MAXIMUM 98		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVING SEARCH AND EQUIPMENT MAINTENANCE IN PROGRESS TODAY. SEVERAL ANOMALIES WERE LOCATED AND MARKED TODAY FOR RETRIEVAL ON 6/16/98.									
Days of no work and reasons for same: NO RETRIEVAL IN PROGRESS DUE TO SCHEDULED SHUTDOWN FOR 6/12/98—6/15/98.									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/12/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 35				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/13/98 SAT				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & W 5-10 IN AM, PTLY CLDY AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 80		MAXIMUM 98		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 1	OFFICE	LAYOUT	INSPECTION	TOTAL 9	LABOR 8	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVING SEARCH AND EQUIPMENT MAINTENANCE IN PROGRESS TODAY. SEVERAL ANOMALIES WERE LOCATED AND MARKED TODAY FOR RETRIEVAL ON 6/16/98.									
Days of no work and reasons for same: NO RETRIEVAL IN PROGRESS DUE TO SCHEDULED SHUTDOWN FOR 6/12/98—6/15/98.									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/13/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

36

ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE:

6/14/98 SUN

PROJECT:
FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER:

N/A

CONTRACTOR (Or hired labor)
ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: PTLY CLDY & W 5-10 IN AM,
PTLY CLDY AND SE 10-15 IN PM

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
80	97

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0	2400

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEE	TIME
1				9	8	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES	NUMBER OF SHIFTS	1	X	2	3
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SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a.
b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)
DIVING SEARCH AND EQUIPMENT MAINTENANCE IN PROGRESS TODAY. SEVERAL ANOMALIES WERE LOCATED AND MARKED TODAY FOR RETRIEVAL ON 6/16/98.

Days of no work and reasons for same:

NO RETRIEVAL IN PROGRESS DUE TO SCHEDULED SHUTDOWN FOR 6/12/98—6/15/98.

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/14/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					37				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/15/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & W 5-10 IN AM, PTLY CLDY AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	80	98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME	
1				9	8	N/A		N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)									
DIVING SEARCH AND EQUIPMENT MAINTENANCE IN PROGRESS TODAY. SEVERAL ANOMALIES WERE LOCATED AND MARKED TODAY FOR RETRIEVAL ON 6/16/98.									
Days of no work and reasons for same:									
NO RETRIEVAL IN PROGRESS DUE TO SCHEDULED SHUTDOWN FOR 6/12/98—6/15/98.									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

N/A

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/15/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					38				
T- E, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/16/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & W 5 IN AM, CLEAR AND SE 15 -20 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 80		MAXIMUM 99		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
<p>a.</p> <p>b.</p> <p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVING SEARCH IN PROGRESS TODAY NORTH OF ROUND ISLAND PARK. SEVERAL ANOMALIES WERE LOCATED AND MARKED TODAY FOR RETRIEVAL AT A LATER TIME. RETRIEVAL OF DEBRIS CONTINUED AT LOCATION SOUTH OF ROUND ISLAND PARK ENTRANCE FOR PREVIOUSLY LOCATED ANOMALIES. FILLED WELL DECK OF LARK 3 TIMES TODAY WITH DEBRIS. CALLED NICHOLS SANITATION FOR DUMPSTER TO BE EMPTIED ON 6/17/98.</p>									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

MS. ROLANDA GALLOP, A REPORTER FOR THE FLORIDA TODAY NEWSPAPER CAME OUT TO ROUND ISLAND SITE TODAY TO INTERVIEW AND TAKE PICTURES FOR AN ARTICLE. PROVIDED HER WITH OVERVIEW OF PROJECT AND EXPRESSED TO HER THAT THE PROJECTS MISSION WAS DEBRIS REMOVAL INSTEAD OF ORDNANCE REMOVAL, BUT ORDNANCE REMOVAL WOULD BE ACCOMPLISHED IF REQUIRED.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/16/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 39				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/17/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & E 5 IN AM, PTLY CLDY AND SE 15 -20 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 80	MAXIMUM 98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. NICHOLS SANITATION b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVING SEARCH IN PROGRESS TODAY IN THE SHALLOW WATER AREA NEAR PORPOISE POINT. SEVERAL ANOMALIES WERE LOCATED AND MARKED FOR FUTURE RETRIEVAL. DIVING SEARCH WAS ALSO CONDUCTED IN THE DEEP WATER AREA BETWEEN PV MARTIN'S AND NORTH AVALON PARK. ONE DUMPSTER OF DEBRIS WAS REMOVED BY NICHOLS SANITATION TODAY, AND AN EMPTY DUMPSTER DELIVERED. WEIGHT OF DEBRIS REMOVED TODAY WILL BE KNOWN WHEN WEIGHT TICKET IS PROVIDED BY NICHOLS SANITATION.									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

N/A

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

RECEIVED A PHONE CALL FROM A SALVAGE DIVER (RICHARD VAN VYL) WHO SUPPOSELY HAS FOUND SOME ORDNANCE IN THE SAND POINTE AREA. HE HAS ALSO NOTIFIED THE FLORIDA TODAY NEWSPAPER OF THIS. THERE IS A MEETING SET UP FOR THURSDAY 6/18/98 AM TO LOOK AT THE OBJECTS WITH MR VAN VYL, EOD DIVERS AND MS ROLANDA GALLOP OF THE FLORIDA TODAY PAPER.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/17/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 40				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/18/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: PTLY CLDY & W 5 IN AM, PTLY CLDY AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	80	98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
0		2400							
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>DIVING SEARCH CONTINUED TODAY IN THE SHALLOW WATER AREA NORTH OF PORPOISE POINT. SEVERAL ANOMALIES WERE LOCATED AND MARKED FOR FUTURE RETRIEVAL. DIVING SEARCH WAS ALSO CONDUCTED IN THE DEEP WATER AREA BETWEEN PV MARTIN'S AND NORTH AVALON PARK.</p> <p>MEETING WAS HELD AT PATRICK AFB ARMY CORPS OFFICE BETWEEN GEORGE COOPER, JIM LANIER AND BILLY WIGGINS WITH ROBERT BRIDGERS ON SPEAKERPHONE FROM JAX. PROGRESS UP TO THIS POINT AND PROGNOSIS FOR REMAINDER OF PROJECT WAS DISCUSSED. BRIDGERS DIRECTED THE DEEP WATER SEARCH EFFORT TO CEASE AND TO CONCENTRATE ALL SEARCHING IN THE SHALLOW WATER AREAS IN ST LUCIE COUNTY WHICH WOULD BE FROM JUST SOUTH OF PV MARTINS TO SOUTH OF PEPPER BEACH PARK. WE WILL COMPLETE THE SHALLOW WATER SEARCH AT THE NORTHERN END SINCE IT IS ALMOST COMPLETE. REMOVED A SMALL AMOUNT OF METAL DEBRIS FROM VARIOUS AREAS BETWEEN ROUND ISLAND PARK AND PORPOISE POINT THAT HAD BEEN PREVIOUSLY LOCATED.</p>									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

ROBERT BRIDGERS VIA TELEPHONE DIRECTED THE SEARCH TO CONCENTRATE IN THE SHALLOW WATER AREAS OF ST LUCIE COUNTY. THIS WOULD BE FROM IMMEDIATELY SOUTH OF PV MARTINS TO THE SOUTHERN BOUNDRY SOUTH OF PEPPER BEACH PARK. WE WILL HOWEVER SPEND ANOTHER DAY ON THE NORTHERN END OF THE PROJECT IN ORDER TO COMPLETE THE SHALLOW WATER SEARCH IN THAT AREA. WIGGINS WILL E-MAIL A PROJECT STATUS TO GEORGE COOPER WHO WILL DISTRIBUTE IT AS REQUIRED.

CONTROVERSIAL MATTERS IN DETAIL:

DURING TODAY'S MEETING, THE ACE WAS INFORMED THAT IT APPEARS THAT THE TOTAL PROJECT BOUNDRIES WOULD NOT BE COMPLETED DURING THE 60 DAYS OF THIS PROJECT, AND DIRECTION SHOULD BE GIVEN AS EXTENDING THE TIME OR PLANNING FOR A NEW PROJECT. BRIDGERS INDICATED HE MAY BE WILLING TO FUND AN ADDITIONAL SMALL AMOUNT OF TIME IF IT WAS BELIEVED THAT THE PROJECT BOUNDRIES (PRIMARILY THE SHALLOW WATER AREAS) COULD BE COMPLETED.

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

EOD DIVERS AND EDC REP MET THIS AM WITH RICHARD VAN ZYL TO LOOK AT THE SUSPECTED ORDNANCE THAT HE HAD LOCATED. A 1,000 LB BOMB WAS DISCOVERED, BUT THE ROCKET THAT VAN ZYL REPORTED WAS NOT FOUND. SUSPECT THAT SOMEONE HAS RETRIEVED IT IF IT DID EXIST. REQUESTS ARE IN PROGRESS FOR REMOVAL AND DETONATION OF THE BOMB.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/18/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 41				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/19/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & E 5 IN AM, CLEAR AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM		MAXIMUM		
N/A	N/A	N/A	N/A	N/A	80		99		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) DIVING SEARCH COMPLETED ON THE NORTHERN END OF THE PROJECT TODAY IN THE SHALLOW WATER AREAS. LOCATED NUMEROUS ANOMALIES AND RETRIEVED SAME. OBJECTS CONSISTED OF SMALL CONCRETE PIECES, STEEL, PIPES AND TWO (2) JAPANESE SIGNAL MINES. SEVERAL OBJECTS STILL REMAIN TO BE REMOVED FROM THE NORTHERN END AND THIS WILL TAKE PLACE ON 6/20/98. HAD A MEETING WITH DOUG WRIGHT THIS AM TO DISCUSS THE ORDNANCE ISSUE IN REGARDS TO THE 1,000 POUND BOMB FOUND ON 6/18/98. EOD OFFICE IN MAYPORT IS HANDLING THE REMOVAL AND DEMOLITION REQUESTS.									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

DOUG WRIGHT WILL HAVE A COUNTY ARBORIST CONTACT WIGGINS IN ORDER TO DETERMINE WHAT TYPES OF VEGITATION NEEDS TO BE PLANTED TO RESTORE THE DUNE BREACH AT ROUND ISLAND PARK WHEN THE PROJECT IS COMPLETED.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/19/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					42				
ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/20/98 SAT				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & S 5 IN AM, CLEAR AND SE 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	82	98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					1/2"		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>COMPLETED REMOVAL OF ALL DISCOVERED ANOMALIES IN THE NEARSHORE ZONE OF THE PROJECTS NORTHERN END. THIS ENDS THE SEARCH AND RETRIEVAL EFFORT AT THE NORTHERN END OF THE PROJECT PER MR BRIDGERS DIRECTION ALTHOUGH THE WATER NHAS NOT BEEN CLEARED TO THE 10 FOOT DEPTH. ALL DEBRIS REMOVED TODAY WAS METAL IN THE FORM OF PIPES, REBAR AND SHEET STEEL. COMMENCED THE SEARCH IN THE NEARSHORE ZONE BACK AT THE STARTING POINT SOUTH OF PV MARTIN'S. SEVERAL ANOMALIES CONSISTING OF CONCRETE AND STEEL WERE LOCATED AND REMOVED.</p>									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									
<p>THE STARTER ON NO 2 ENGINE BROKE THIS AFTERNOON ON LARC 52 AND LARC 40 HAD TO BE USED TO TOW LARC 52 INTO ROUND ISLAND PARK. THE LOSS OF ONE ENGINE WAS A SUFFICIENT LOSS OF POWER TO PREVENT THE VEHICLE FROM ACCESSING THE PARK DUE TO THE INCLINED GRADE AND SOFT SAND. PERSONNEL WILL CHANGE OUT A STARTER FROM LARC 40 ON 6/21/98.</p>									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

RAIN IN THE MID AFTERNOON HOURS WITH A LOT OF HIGH WINDS AND DANGEROUS LIGHTNING.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/20/98

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)
RAIN IN THE AM HOURS PRIOR TO DAYLIGHT AND LIGHT RAIN IN THE LATE AFTERNOON HOURS.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/21/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 44				
TO: DE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/22/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & W 5 IN AM, CLEAR AND SW 10-15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 82		MAXIMUM 95		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A		TIME N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. b. WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) TODAY IS A SCHEDULED DIVER ROTATION DAY. THE NEW GROUP OF DIVERS ARE TRAVELING FROM MAYPORT THIS AM AND GETTING TURNOVER IN THE PM. DIVING SEARCH WILL RESUME ON 6/23/98 SOUTH OF PEPPER BEACH PARK IN THE NEARSHORE ZONE. REPAIRS AND MAINTENANCE TO THE LARC CONTINUES. TOWING CONTRACTOR WAS NOTIFIED THIS PM AS TO DATES FOR RETURN TOW OF THE LARCS.									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/22/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
					REPORT NUMBER: 45				
TO: [] OE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/23/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & W 5 IN AM, CLEAR AND SE 5-10 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 82		MAXIMUM 95		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY a. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) CONDUCTED SAFETY AND ORDNANCE BRIEFING WITH NEW GROUP OF DIVERS. DIVERS COMMENCED SEARCHING IN THE FINAL SECTION OF THE NEARSHORE ZONE. THIS IS FROM SOUTH OF PEPPER BEACH PARK TO THE PUBLIC BEACH ADJACENT TO THE NORTH JETTY AT FORT PIERCE INLET. THIS SEARCH LOCATED NO ANOMALIES AND ALSO COMPLETES THE NINE (9) MILE SECTION OF NEARSHORE ZONE. THE SEARCH THEN STARTED AT THE MOST SOUTHERN END OF THE NINE (9) MILE AREA AND CONTINUED NORTHWARD IN THE INTERMEDIATE ZONE. THIS CONCLUDED FOR THE DAY AT THE NORTH END OF THE RADDISON HOTEL PROPERTY. NO ANOMALIES LOCATED. TOMORROWS SEARCH WILL START AT THIS LOCATION AND CONTINUE NORTH.									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

CHIP BOYETTE OF INDIAN RIVER CTY PARKS DEPT CAME OUT TO ROUND ISLAND AND LOOKED AT THE SCULLIES THAT WE HAVE STORED AT SITE. HE SELECTED SEVERAL THAT THE CTY WANTED TO KEEP FOR THEIR PARK DISPLAY. HE ALSO PROVIDED ME WITH INFORMATION AS TO THE TYPE OF VEGETATION AND LANDSCAPING REQUIRED TO RESTORE THE BEACH ACCESS IN THE DUNE THAT WAS BREACHED.

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/23/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 46				
TO: [] DE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/24/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & W 5 IN AM, CLOUDY AND SE 5-10 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 80		MAXIMUM 93		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEE N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>COMMENCED DIVING SEARCH TODAY IN THE INTERMEDIATE ZONE JUST NORTH OF THE RADDISON HOTEL AND CONTINUED NORTH FOR APPROXIMATELY 1.4 MILES. WORKED THE JACKSTAY IN THIS AREA AND FOUND NO ANOMALIES. WILL CONTINUE THE SEARCH ON 6/25/98 STARTING AT TODAYS STOPPING POINT. CALLED NICHOLS SANITATION TO EMPTY DEBRIS DUMPSTER ON 6/25/98. NET WEIGHT OF DEBRIS REMOVED ON 6/17/98 WAS 17.86 TONS (35,720 POUNDS).</p>									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/24/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					47				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/25/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & W 5 IN AM, HAZY AND SE 5 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	82	93			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>COMMENCED DIVING SEARCH TODAY IN THE INTERMEDIATE ZONE AT THE FIRST HIGH RISE BLDG SOUTH OF THE "OCEAN HARBOR SOUTH" TWIN CONDOMINIUMS AND CONTINUED NORTH FOR APPROXIMATELY 1.5 MILES ENDING AT THE SOUTHERN END OF PV MARTIN'S. WORKED THE JACKSTAY IN THIS AREA AND FOUND NO ANOMALIES. WILL CONTINUE THE SEARCH ON 6/26/98 STARTING AT TODAYS STOPPING POINT.</p> <p>CALLED NICHOLS SANITATION (2nd TIME) TO EMPTY DEBRIS DUMPSTER. THEY DID NOT SHOW UP BY 1300 AND VICKIE SAID THEY WOULD BE THERE BY 1700. NO ONE SHOWED AND THE OFFICE IS CLOSED AT 1700 SO I WILL CALL ON 6/26/98.</p>									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/25/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

48

ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE: 6/26/98 FRI

PROJECT: FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER: N/A

CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: HAZY & W 5 IN AM, STORMY AND VARIABLE 15-40 IN PM

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
81	95

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0	2400

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
5				21	16	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES	NUMBER OF SHIFTS	1	X	2	3
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SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

a.
b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)
 COMMENCED DIVING SEARCH TODAY IN THE INTERMEDIATE ZONE AT THE SOUTHERN END OF PV MARTIN'S. WORKED THE JACKSTAY IN THIS AREA AND FOUND SEVERAL ANOMALIES. SEVERE THUNDERSTORM WITH VERY HIGH WINDS AND DANGEROUS LIGHTNING MOVED INTO AREA IN EARLY AFTERNOON AND FORCED A STOPPAGE OF WORK. WILL RESTART THE SEARCH ON 6/27/98.
 NICHOLS SANITATION FINALLY PICKED UP THE DEBRIS DUMPSTER THIS AM. NET WEIGHT OF DEBRIS REMOVED IS 13.05 TONS (26,100 POUNDS)

Days of no work and reasons for same:

LOST THE PM PART OF THE DAY DUE TO SEVERE THUNDERSTORM, HIGH WINDS AND DANGEROUS LIGHTNING.

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/26/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 49				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/27/98 SAT				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & W 5 IN AM, STORMY AND VARIABLE 15-40 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	82	97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES	ENDING			
					0	2400			
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEE	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>COMMENCED DIVING SEARCH TODAY IN THE INTERMEDIATE ZONE AT THE SOUTHERN END OF PV MARTIN'S. NUMEROUS ANOMALIES WERE DISCOVERED THROUGHOUT THE SEARCH ZONE WHICH ENDED AT THE CROSSWALK FOR NORTH AVALON PARK. RETIEVAL OF THESE ITEMS WILL COMMENCE ON 6/28/98.</p>									
Days of no work and reasons for same:									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/27/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

50

PROJECT: FORT PIERCE BEACH BARRIER REMOVAL

DATE:

6/28/98 SUN

CONTRACTOR (Or hired labor)
ENVIRONMENTAL DETACHMENT CHARLESTON

CONTRACT NUMBER:

N/A

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

WEATHER: HAZY & W 5 IN AM,
STORMY AND VARIABLE 15-40 IN PM

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
82	96

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0	2400

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
5				21	16	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES	NUMBER OF SHIFTS	1	X	2	3
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SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a.
- b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)
 COMMENCED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS. OBJECTS THAT WERE REMOVED WERE PIPES, REBAR, CONCRETE AND SHEET STEEL.
 ALL DIVING OPERATIONS WERE IN SUPPORT OF THE RETRIEVAL PROCESS. WILL CONTINUE IN THE SAME AREA ON 6/29/98.

Days of no work and reasons for same:

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/28/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					51				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/29/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & W 5 IN AM, STORMY AND VARIABLE 15-40 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 82		MAXIMUM 98		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. JACKSONVILLE TOWING AND SALVAGE.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS. AN EXTREMELY LARGE OBJECT HAS BEEN FOUND AND IS BEING DUG OUT OF THE SAND IN THE 7 FOOT WATER DEPTH. REMOVED MATERIALS ARE JAGGED STEEL PIECES AND ROCKS THAT APPEAR TO BE GRANITE. THE NATURE OF THE OBJECT IS UNKNOWN, BUT IT APPEARS TO BE MILITARY. ALL DIVING OPERATIONS TODAY WERE IN SUPPORT OF THE RETRIEVAL PROCESS. WORK WILL CONTINUE IN THE SAME AREA ON 6/30/98. HAD CONTACT TODAY WITH THE TUG BOAT AND IT IS ENROUTE TO TOW LARC-40 FROM THE SITE ON 6/30/98.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/29/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 52				
ENGINEER: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 6/30/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & W 5 IN AM, PARTLY CLOUDY & 10- 15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	81	98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
<p>a. JACKSONVILLE TOWING AND SALVAGE.</p> <p>b.</p> <p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS. REMOVAL OF NUMEROUS PIECES OF PIPE AND METAL DEBRIS WAS ACCOMPLISHED WITH A SMALL AMOUNT OF CONCRETE RUBBLE BEING RETRIEVED. LARC-40 WAS TAKEN TO THE COAST GUARD BASE AT FORT PIERCE AND TURNED OVER TO JACKSONVILLE TOWING AND SALVAGE FOR TOW BACK TO PALATKA, FLA. TOW WAS UNDERWAY AT 1430. WILL CONTINUE RETRIEVAL ON 7/01/98 AT TODAY'S STOPPING LOCATION.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

6/30/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					53				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/01/98 WED				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & W 5 IN AM, PARTLY CLOUDY & S/E 10- 15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	82	97			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEE	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
<p>a. JACKSONVILLE TOWING AND SALVAGE.</p> <p>b.</p> <p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS. REMOVAL OF NUMEROUS PIECES OF PIPE WERE ACCOMPLISHED AND ONE FULL SIZE TYPE IV SCULLY WAS RETRIEVED. WILL CONTINUE RETRIEVAL ON 7/02/98 AT TODAY'S STOPPING LOCATION. LARC-40 IS UNDER TOW TO PALATKA, FLA FOR TURN IN TO 292 nd TRANSPORTATION UNIT. I WILL TRAVEL TO PALATKA ON MONDAY, 06 JULY, 1998 TO TRANSFER LARC-40 BACK TO ARMY.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/01/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 54				
ENGINEER: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/02/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & W 5 IN AM, CLDY & S/E 10- 15 IN PM W/LIGHTNING				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	82	98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0	2400			
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
5				21	16	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. JACKSONVILLE TOWING AND SALVAGE.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors by letter in Table above)</p> <p>CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS. REMOVAL OF NUMEROUS PIECES OF PIPE, METAL DEBRIS AND SMALL CONCRETE PIECES WERE ACCOMPLISHED. WILL CONTINUE RETRIEVAL ON 7/02/98 AT TODAY'S STOPPING LOCATION. LARC-40 IS UNDER TOW TO PALATKA, FLA FOR TURN IN TO 292 nd TRANSPORTATION UNIT. I WILL TRAVEL TO PALATKA ON MONDAY, 06 JULY, 1998 TO TRANSFER LARC-40 BACK TO ARMY. LARC-40 WILL BE KEPT AT TOW CONTRACTOR'S FACILITY OVER THE HOLIDAY WEEKEND DUE TO NO ONE BEING AVAILABLE TO RECEIVE IT AT PALATKA UNTIL MONDAY.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/02/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					55				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/03/98 FRI				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & N/E 5 IN AM, CLDY & S/E 10- 15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 83		MAXIMUM 99		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 5	OFFICE	LAYOUT	INSPECTION	TOTAL 21	LABOR 16	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. JACKSONVILLE TOWING AND SALVAGE.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS. REMOVAL OF NUMEROUS PIECES OF PIPE, METAL DEBRIS AND SMALL CONCRETE PIECES WERE ACCOMPLISHED. WILL CONTINUE RETRIEVAL ON 7/04/98 AT TODAY'S STOPPING LOCATION. LOADED AND HAULED ONE DUMPSTER OF DEBRIS TODAY. NET DEBRIS WEIGHT WAS 16.29 TONS / 32,580 LBS. WIGGINS AND CWO BEBOW OF EOD/MU-6 MET WITH DOUG WRIGHT OF INDIAN RIVER COUNTY TODAY TO INFORM HIM OF THE PROCESS FOR THE DETONATION OF THE 1,000 LB BOMB ON WEDNESDAY, 7/8/98. DOUG WRIGHT OFFERED ANY COUNTY SERVICES THAT MAY BE REQUIRED. LARC-40 IS AT TOW CONTRACTOR'S FACILITY IN JACKSONVILLE FOR THE HOLIDAY WEEKEND DUE TO NO ONE BEING AVAILABLE TO RECEIVE IT AT PALATKA UNTIL MONDAY.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/03/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:				
(ER 415-1-302)					56				
OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/04/98 SAT				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: HAZY & N/E 5 IN AM, CLDY & S/E 10- 15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	84	99			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME	
5				21	16	N/A		N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. JACKSONVILLE TOWING AND SALVAGE.									
b.									
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS, WHERE WORK STOPPED YESTERDAY. REMOVED NUMEROUS SMALL PIECES OF PIPE, METAL DEBRIS AND CONCRETE TODAY. WILL CONTINUE RETRIEVAL ON 7/05/98 AT TODAY'S STOPPING LOCATION. LOADED AND HAULED ONE (1) DUMPSTER OF DEBRIS TODAY. NET DEBRIS WEIGHT OF 13.60 TONS / 27,200 LBS.</p> <p>LARC-40 IS AT TOW CONTRACTOR'S FACILITY IN JACKSONVILLE FOR THE HOLIDAY WEEKEND DUE TO NO ONE BEING AVAILABLE TO RECEIVE IT AT PALATKA UNTIL MONDAY.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS BW	DATE 7/04/98
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INSPECTORS QUALITY ASSURANCE REPORT (QAR)

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER:

57

OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE:

7/05/98 SUN

PROJECT:

FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER:

N/A

CONTRACTOR (or hired labor)

ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: CLEAR & E- 5 IN AM, CLDY & S/E 10- 15 IN PM

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
82	97

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE

ORDER OR FINDING OF FACT?

NO

YES (Explain)

24 HOUR PRECIPITATION

INCHES

0

ENDING

2400

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
5				21	16	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES

NUMBER OF SHIFTS

1

2

3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. JACKSONVILLE TOWING AND SALVAGE.
- b.

WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

CONTINUED RETRIEVAL TODAY IN THE INTERMEDIATE ZONE BETWEEN NORTH AND SOUTH AVALON PARKS, WHERE WORK STOPPED YESTERDAY. REMOVED SOME SMALL PIECES OF PIPE, METAL DEBRIS AND CONCRETE TODAY. ALL OBJECTS THAT WERE LOCATED HAVE BEEN REMOVED FROM THE WATER. TODAY IS THE LAST DAY DAY FOR THE SEARCH AND RETRIEVAL EFFORT TO CONTINUE. TOMMORROW, THE BREAKDOWN OF THE LARC AND THE TRACKHOE WILL COMMENCE. THE DIVERS WILL ALSO LEAVE TOMORROW AS THEIR WORK IS COMPLETED. THE ARMY PERSONNEL WILL STAY TO OPERATE THE LARC-52. LARC-40 IS AT TOW CONTRACTOR'S FACILITY IN JACKSONVILLE FOR THE HOLIDAY WEEKEND DUE TO NO ONE BEING AVAILABLE TO RECEIVE IT AT PALATKA UNTIL MONDAY.

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/05/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 58				
TO: [] [] OE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/06/98 MON				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & E- 5 IN AM, CLDY & S/E 10- 15 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 83		MAXIMUM 98		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 4	OFFICE	LAYOUT	INSPECTION	TOTAL 14	LABOR 10	FEET N/A		TIME N/A	
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
a. JACKSONVILLE TOWING AND SALVAGE. b.									
WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) COMMENCED DISMANTLING THE TRACKHOE AND TIMBER PLATFORM FROM LARC-52. LOADED DEBRIS STILL ON GROUND AT PARK INTO DUMPSTER AND HAD HAULED OFF (NET WEIGHT OF DEBRIS WAS 16.66 TONS / 33,320 LBS) BEGAN PREPARING ALL MATERIAL AND EQUIPMENT FOR TURN IN OR SHIPMENT. WIGGINS WENT TO PALATKA TO TURN LARC-40 BACK OVER TO US ARMY RESERVE.									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, LARC-40, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE, AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/06/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 59				
TO: [] OE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/07/98 TUE				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & CALM IN AM, CLEAR & S/E 10 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
N/A	N/A	N/A	N/A	N/A	83	98			
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES		ENDING		
					0		2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEEET	TIME		
4				14	10	N/A	N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS			1	<input checked="" type="checkbox"/> 2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	2000				
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.									
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
<p>a.</p> <p>b.</p> <p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>CONTINUED DISMANTLING THE TRACKHOE AND TIMBER PLATFORM FROM LARC-52. LOADED DEBRIS STILL ON GROUND AT PARK INTO DUMPSTER AND HAD HAULED OFF (NET WEIGHT OF DEBRIS WAS 17.42 TONS / 34,840 LBS)</p> <p>CONTINUED PREPARING ALL MATERIAL AND EQUIPMENT FOR TURN IN OR SHIPMENT.</p> <p>EOD/MU-6 DIVERS MOVED THE 1,000 POUND BOMB FROM IT'S DISCOVERY LOCATION NEAR SAND POINTE TO A DEAD BOTTOM AREA APPROXIMATELY ONE (1) MILE OFFSHORE IN PREPARATION FOR THE DETONATION ON WEDNESDAY MORNING. THE ORDNANCE WAS LIFTED OFF THE BOTTOM WITH AN AIRLIFT BAG AND SLOWLY TOWED TO DETONATION AREA, THEN LOWERED BACK DOWN TO THE BOTTOM. THE EVOLUTION WAS UNEVENTFUL. NO PERSONNEL EVACUATION WAS REQUIRED. NO PRESS COVERAGE HAPPENED.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR .

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/07/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR					
DAILY LOG OF CONSTRUCTION - CIVIL					REPORT NUMBER:					
(ER 415-1-302)					60					
TO: COE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/08/98 WED					
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A					
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & CALM IN AM, CLEAR & S/E 10 IN PM					
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE					
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM				
N/A	N/A	N/A	N/A	N/A	83	98				
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION					
					INCHES		ENDING			
					0		2400			
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE					
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET		TIME		
4				14	10	N/A		N/A		
NUMBER OF CONTRACT'S EMPLOYEES				NUMBER OF SHIFTS				1	X 2	3
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO	
N/A	N/A	N/A	N/A	0700	2000					
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.										
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated										
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY										
a.										
b.										
<p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>THE TRACKHOE AND TIMBER PLATFORM FROM LARC-52 HAS BEEN DISMANTLED. LOADED CRAWLER CRANE ON LOWBOY TRUCK AND SHIPPED TO CHARLESTON. REMAINING EQUIPMENT AND MATERIALS ARE READY FOR TURN IN OR SHIPMENT TO CHARLESTON. ACCOMPLISHED FINAL CLEANING OF LARC-52, MINOR WELD REPAIRS TO HOLD DOWN BRACKETS IN WELL DECK AREA AND TOUCH UP PAINTING IN PREPARATION FOR TURN IN TO US ARMY RESERVE IN PALATKA, FLORIDA.</p> <p>THE ORDNANCE PREVIOUSLY MOVED OFFSHORE WAS DETONATED AT 1024 HRS BY EOD/MU-6 USING 20 LBS OF C-4 PLASTIC. THE ORDNANCE DID NOT HIGH ORDER (DETONATE) WHEN THE 20 LB CHARGE WAS SET OFF AND WAS CONSIDERED INERT. THE EVOLUTION WAS UNEVENTFUL. NO PERSONNEL EVACUATION WAS REQUIRED. INDIAN RIVER COUNTY, FLORIDA MARINE PATROL, AND THE US COAST GUARD PROVIDED PERSONNEL AND WATERCRAFT FOR ZONE ISOLATION AND SAFETY REASONS. THE ONLY FISH KILL OBSERVED WERE TWO (2) MENHADEN AND ONE (1) TOAD FISH.</p>										
Information on progress of work, causes of delay, Plant, Material, Etc.										

QCC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

 CONTRACTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS BW	DATE
			7/08/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR				
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 61				
OFFICE: JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/09/98 THU				
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A				
CONTRACTOR (Or hired labor): ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: CLEAR & CALM IN AM, CLEAR & S/E 10 IN PM				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE				
STRUCTURAL EXCAVATION N/A	BORROW EXCAVATION N/A	EMBANKMENT N/A	CONCRETE N/A	STRUCTURE N/A	MINIMUM 83		MAXIMUM 98		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION				
					INCHES 0		ENDING 2400		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 4	OFFICE	LAYOUT	INSPECTION	TOTAL 14	LABOR 10	FEET N/A	TIME N/A		
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		1	X	2	3	
SUPERVISORY N/A	SKILLED N/A	LABORERS N/A	TOTAL N/A	FROM 0700	TO 2000	FROM	TO	FROM	TO
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated									
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY									
<p>a. JACKSONVILLE TOWING AND SALVAGE</p> <p>b.</p> <p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)</p> <p>LOADED THREE (3) FLATBED TRAILERS WITH EQUIPMENT AND MATERIAL FOR SHIPMENT TO CHARLESTON. NEFF RENTAL PICKED UP THE TRACKHOE, SKYTRACK FORK LIFT AND FRONT LOADER BUCKET. PORT-O-LET COMPANY PICKED UP THE TWO (2) PORTABLE TOILETS. NICHOLS SANITATON PICKED UP THE TWO YARD FRONT LOAD TRASH DUMPSTER AND HAULED OFF THE LAST DEBRIS DUMPSTER THAT HAS A NET WEIGHT OF 2.42 TONS / 4,840 LBS.</p> <p>TOTAL AMOUNT OF DEBRIS REMOVED FROM THE WATER AND DISPOSED OF WAS 174.63 TONS / 349,260 POUNDS. DELIVERED LARC-52 TO THE COAST GUARD BASE WHERE IT WAS TAKEN UNDER TOW BY JACKSONVILLE TOWING AND SALVAGE FOR TRANSIT TO PALATKA, FLORIDA. EST TIME OF ARRIVAL IN PALATKA IS 0830, 07/13/98. ROUND ISLAND PARK WAS CLEANED UP AND THE WORK AREA WAS GRADED SMOOTH. THE BREACH IN THE DUNE FOR BEACH ACCESS WAS LEVELED AND LIGHTLY CROWNED, BUT THE SEVENTY-FIVE (75) 3-GALLON SEA GRAPE PLANTS WERE NOT PLANTED AT THE COUNTY'S REQUEST DUE TO PROBLEMS WITH BEING ABLE TO KEEP THE PLANTS WATERED. INSTEAD, THE PLANTS WERE DELIVERED TO THE COUNTY'S PARK MAINTENANCE DIVISION ANDTHE COUNTY WILL PLANT THEM AT A LATER DATE.</p> <p>DOUG WRIGHT WAS SUPPOSED TO COME OUT AND INSPECT THE PARK, BUT NEVER SHOWED UP AND BY PHONE CALL, HIS ASSISTANT (DIANE) SAID THAT HE HAD BEEN IN MEETINGS ALL DAY. THE PARK LOOKS BETTER THAN IT DID WHEN WE STARTED WORK THERE ON MAY 11, 1998.</p> <p>HAD A MEETING WITH ST LUCIE CTY AND PROVIDED THEM WITH AN OVERVIEW OF PROJECT RESULTS.</p>									
Information on progress of work, causes of delay, Plant, Material, Etc.									

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52, CRAWLER CRANE, TRACKHOE, ALL TERRAIN FORKLIFT, WELDING MACHINE,
AIR COMPRESSOR.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

DAILY SAFETY BRIEFING HELD.

CONTRACTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS BW	DATE
			7/09/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

DAILY LOG OF CONSTRUCTION - CIVIL

(ER 415-1-302)

REPORT NUMBER:

62

OFFICE, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER

DATE:

7/10/98 FRI

SUBJECT:
FORT PIERCE BEACH BARRIER REMOVAL

CONTRACT NUMBER:

N/A

CONTRACTOR (Or hired labor)
ENVIRONMENTAL DETACHMENT CHARLESTON

WEATHER: CLEAR & CALM IN AM,
CLEAR & S/E 10 IN PM

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
N/A	N/A	N/A	N/A	N/A

MINIMUM	MAXIMUM
83	N/A

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0	2400

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
4				14	10	N/A	N/A

NUMBER OF CONTRACT'S EMPLOYEES

NUMBER OF SHIFTS

<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3
-------------------------------------	---	--------------------------	---	--------------------------	---

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
N/A	N/A	N/A	N/A	0700	1700				

Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. JACKSONVILLE TOWING AND SALVAGE
- b.

WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

THE PROJECT HAS ENDED. ALL PERSONNEL HAVE DEPARTED AND ARE ENROUTE TODAY TO THEIR HOME STATION.

LARC-52 IS ENROUTE TO PALATKA, FLORIDA FOR TURN IN ON 13 JULY.

Information on progress of work, causes of delay, Plant, Material, Etc.

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

BW

7/10/98

INSPECTORS QUALITY ASSURANCE REPORT (QAR)					THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR					
DAILY LOG OF CONSTRUCTION - CIVIL (ER 415-1-302)					REPORT NUMBER: 63					
TO: ENGINEER, JAX DISTRICT, ATLANTIC COAST AREA ENGINEER					DATE: 7/13/98 MON					
PROJECT: FORT PIERCE BEACH BARRIER REMOVAL					CONTRACT NUMBER: N/A					
CONTRACTOR (Or hired labor) ENVIRONMENTAL DETACHMENT CHARLESTON					WEATHER: N/A					
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE					
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM				
N/A	N/A	N/A	N/A	N/A	N/A	N/A				
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					24 HOUR PRECIPITATION					
					INCHES		ENDING			
					0		2400			
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE					
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME			
1				1		N/A	N/A			
NUMBER OF CONTRACT'S EMPLOYEES			NUMBER OF SHIFTS		<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO	
N/A	N/A	N/A	N/A	0230	1700					
Attach list of following (a) Major items of equipment either idle or working and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated										
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY										
<p>a. JACKSONVILLE TOWING AND SALVAGE</p> <p>b.</p> <p>WORK PERFORMED TODAY: (Indicate location and description of worked performed. Refer to work performed by prime and/or subcontractors buy letter in Table above) LARC-52 HAS BEEN RETURNED TO US ARMY RESERVE UNIT IN PALATKA, FLORIDA. VESSEL WAS INSPECTED AND ACCEPTED AS SATISFACTORY WITH THE EXCEPTION OF THE TWO DAMAGED TIRES. ARRANGEMENTS WILL BE MADE TO PAY FOR THE TWO TIRES.</p>										
Information on progress of work, causes of delay, Plant, Material, Etc.										

QCC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

N/A

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR
INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES:

N/A

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR: (Include names, reactions and remarks)

CONTROVERSIAL MATTERS IN DETAIL:

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

Equipment: LARC 52

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work)

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel.
Specify action taken.)

CONTRACTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS BW	DATE 7/13/98
------------------------	------	-----------------------------	-----------------

ATTACHMENT C

WEIGHT TICKETS OF DEBRIS DISPOSED IN LANDFILL

002

LUCIE CO. LANDFILL
ST. LUCIE COUNTY BOCC
6120 GLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

5-30-98
SMILEY
TICKET

000338
NICHOLS SANITATION
P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GRID
02	070494	
WEIGHMASTER		
JHOLIGH	DATE IN	TIME IN
	05/30/98	10:49
	DATE OUT	TIME OUT
	05/30/98	11:05
VEHICLE		ROLL OFF
1481	REFERENCE	ORIGIN
	SMILEY	

Scale 1 Gross Weight 64180 LB Inbound - Charge ticket
Scale 1 Tare Weight 33380 LB
Net Weight 30800 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
15.40	TON	DEMOLITION/CONSTRUCT	30.00	462.00	0.00	462.00

NET AMOUNT
462.00
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE *Smiley*

NICHOLS SANITATION
TUE 17:02 FAX 1 407 546 1998
06/04/98

0004

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
20 BLADES CUT-OFF RD.
PIERCE, FL. 34982

000338
NICHOLS SANITATION
P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GRID
02	1070792	
WEIGHMASTER		
Phyllis		
DATE IN	TIME IN	
06/02/98	16:29	
DATE OUT	TIME OUT	
06/02/98	16:45	
VEHICLE	ROLL OFF	
1475		
REFERENCE	ORIGIN	
MIKE		

Scale 1 Gross Weight 66680 LB Inbound - Charge ticket
 Scale 1 Tare Weight 33500 LB
 Net Weight 33180 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
16.59	TON	DEMOLITION/CONSTRUCT	30.00	497.70	0.00	497.70

NET AMOUNT
497.70
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE *M. Walters*

NICHOLS SANITATION

08/04/98 TUE 17:02 FAX 1 407 546 1998

0000

NICHOLS SANITATION

08/04/88 TUE 17:03 FAX 1 407 546 1998

CO. LANDFILL
GLADES COUNTY BOCC
GLADES CUT-OFF RD.
T. PIERCE, FL. 34982

000338
NICHOLS SANITATION
P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GBID
02	070702	
WEIGHMASTER		
Phyllis	DATE IN	TIME IN
	06/02/98	09:46
	DATE OUT	TIME OUT
	06/02/98	10:01
VEHICLE		ROLL OFF
1	REFERENCE	ORIGIN

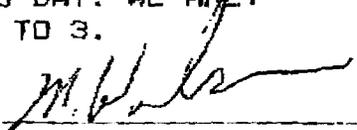
MIKE

Scale 1 Gross Weight 67980 LB Inbound - Charge ticket
 Scale 1 Tare Weight 34200 LB
 Net Weight 33780 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
16.89	TON	DEMOLITION/CONSTRUCT	30.00	506.70	0.00	506.70

NET AMOUNT
506.70
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
 THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
 OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE 

0008

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
6120 GLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

000338
NICHOLS SANITATION

P.O. DRAWER 1085
HOPE SOUND FL 33475

SITE	TICKET	GRID
02	071126	
WEIGHMASTER		
Diane		
DATE IN	TIME IN	
06/05/98	14:52	
DATE OUT	TIME OUT	
06/05/98	15:07	
VEHICLE		ROLL OFF
1435		
REFERENCE	ORIGIN	
MIKE		

Scale 1 Gross Weight 65640 LB
 Scale 1 Tare Weight 34120 LB
 Net Weight 31520 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
15.76	TON	DEMOLITION/CONSTRUCT	30.00	472.80	0.00	472.80

L.A.A.A.

42521

NET AMOUNT
472.80
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

621

SIGNATURE



08/04/98 TUE 17:04 FAX 1 407 546 1988 NICHOLS SANITATION

010

NICHOLS SANITATION

TUE 17:06 FAX 1 407 546 1998

08/04/98

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
6120 BLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

000338
NICHOLS SANITATION

P.O. DRAWER 1085
HDBE SOUND FL 33475

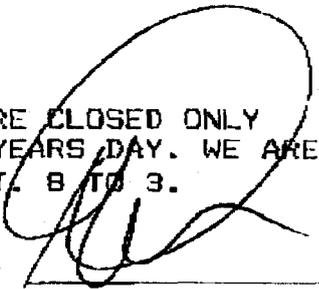
SITE	TICKET	GRID
02	071442	
WEIGHMASTER		
Blade		
DATE IN	TIME IN	
06/09/98	13:48	
DATE OUT	TIME OUT	
06/09/98	13:57	
VEHICLE	ROLL OFF	
516		
REFERENCE	ORIGIN	
KEN		

Scale 1 Gross Weight 59620 LB Inbound - Charge ticket
 Scale 1 Tare Weight 34240 LB
 Net Weight 25380 LB

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.69	TON	DEMOLITION/CONSTRUCT	30.00	380.70	0.00	380.70

NET AMOUNT
380.70
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE 

012

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
90 GLADES CUT-OFF RD.
PIERCE, FL. 34982

000938
NICHOLE SANITATION

P.O. DRAWER 1085
HOBE SOUND FL, 33475

SITE	TICKET	GRID
02	072295	
WEIGHMASTER		
Diane		
DATE IN		TIME IN
06/17/98		10:06
DATE OUT		TIME OUT
06/17/98		10:16
VEHICLE		ROLL OFF
1499		
REFERENCE	ORIGIN	
MIKE		

Scale 1 Gross Weight 68800 LB Inbound - Charge ticket
 Scale 1 Tare Weight 33080 LB
 Net Weight 35720 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
17.86	TON	DEMOLITION/CONSTRUCT	30.00	535.80	0.00	535.80

NET AMOUNT
535.80
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE

Michael Wilson

NICHOLS SANITATION

06/04/98 TUE 17:07 FAX 1 407 546 1898

ST. LUCIE CO. LANDFILL
ST. LUCIE COUNTY BCCC
6120 BLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

000338
NICHOLS SANITATION

P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GRID
02	073260	
WEIGHMASTER		
THROUGH		
DATE IN		TIME IN
06/26/98		11:19
DATE OUT		TIME OUT
06/26/98		11:36
VEHICLE		ROLL OFF
1425		
REFERENCE	ORIGIN	
SMILEY		

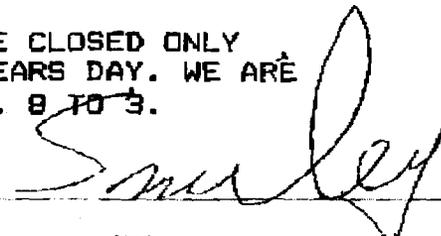
Scale 1 Gross Weight 59660 LB Inbound - Charge ticket
 Scale 1 Tare Weight 33560 LB
 Net Weight 26100 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
13.05	TON	DEMOLITION/CONSTRUCT	30.00	391.50	0.00	391.50

NET AMOUNT
391.50
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE



NICHOLS SANITATION

06/04/98 TUE 17:08 FAX 1 407 546 1986

016

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
0 GLADES CUT-OFF RD.
PIERCE, FL. 34982

000338
NICHOLS SANITATION
P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GRID
02	074000	
WEIGHMASTER		
THROUGH		
DATE IN		TIME IN
07/03/98		11:19
DATE OUT		TIME OUT
07/03/98		11:30
VEHICLE		ROLL OFF
854		
REFERENCE	ORIGIN	
ROBERT		

Scale 1 Gross Weight 66680 LB Inbound - Charge ticket
Scale 1 Tare Weight 34100 LB
Net Weight 32580 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
16.29	TON	DEMOLITION/CONSTRUCT	30.00	488.70	0.00	488.70

NET AMOUNT
488.70
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE *Robert* 403

NICHOLS SANITATION

06/04/98 TUE 17:09 FAX 1 407 546 1998

LUCIE CO. LANDFILL
ST. LUCIE COUNTY BOCC
6120 GLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

000338
NICHOLS SANITATION

P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GRID
02	074068	
WEIGHMASTER		
Diane		
DATE IN	TIME IN	
07/04/98	09:51	
DATE OUT	TIME OUT	
07/04/98	09:59	
VEHICLE	ROLL OFF	
BSA	REFERENCE	ORIGIN

ROBERT

Scale 1 Gross Weight 63560 LB
Scale 1 Tare Weight 36360 LB
Net Weight 27200 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
13.60	TON	DEMOLITION/CONSTRUCT	30.00	408.00	0.00	408.00

NET AMOUNT
408.00
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE

[Handwritten Signature] 403

NICHOLS SANITATION

08/04/98 TUE 17:10 FAX 1 407 546 1988

LUCIE CO. LANDFILL
 . LUCIE COUNTY BOCC
 5120 GLADES CUT-OFF RD.
 FT. PIERCE, FL. 34982

000338
 NICHOLS SANITATION

P.O. DRAWER 1085
 HOBE SOUND FL 33475

SITE	TICKET	GRID
02	074109	
WEIGHMASTER		
Diana		
DATE IN		TIME IN
07/06/98		08:05
DATE OUT		TIME OUT
07/06/98		08:16
VEHICLE		ROLL OFF
REF. REFERENCE		ORIGIN
ROBERT		

Scale 1 Gross Weight 66520 LB
 Scale 1 Tare Weight 33200 LB
 Net Weight 33320 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
16.66	TON	DEMOLITION/CONSTRUCT	30.00	499.80	0.00	499.80

NET AMOUNT
499.80
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
 THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
 OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE

R. Sten 403

020

NICHOLS SANITATION

08/04/98 TUE 17:12 FAX 1 407 546 1998

08/05/88 WED 09:16 FAX 1 407 546 1988 NICHOLS SANITATION

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
20 GLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

000338
NICHOLS SANITATION
P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	WEIGHMASTER	GRID
02	074286		
JHUGH			
DATE IN		TIME IN	
07/07/98		12:10	
DATE OUT		TIME OUT	
07/07/98		12:17	
VEHICLE		ROLL OFF	
REFERENCE		ORIGIN	
ROBERT			

Scale 1 Gross Weight 67720 LB Inbound - Charge ticket
 Scale 1 Tare Weight 32880 LB
 Net Weight 34840 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
17.42	TON	DEMOLITION/CONSTRUCT	30.00	522.60	0.00	522.60

NET AMOUNT
522.60
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
 THANKSGIVING DAY, CHRISTMAS DAY AND NEW YEARS DAY. WE ARE
 OPEN MON - FRI FROM 8 A.M. TO 5 P.M., SAT. 8 TO 3.

SIGNATURE *[Handwritten Signature]*

002

NICHOLS SANITATION

08/05/98 WED 09:15 FAX 1 407 548 1998

LUCIE CO. LANDFILL
LUCIE COUNTY BOCC
120 GLADES CUT-OFF RD.
FT. PIERCE, FL. 34982

000338
NICHOLS SANITATION

P.O. DRAWER 1085
HOBE SOUND FL 33475

SITE	TICKET	GRID
08	074578	
WEIGHMASTER		
Diane		
DATE IN	TIME IN	
07/09/98	13:40	
DATE OUT	TIME OUT	
07/09/98	13:47	
VEHICLE	ROLL OFF	
854		
REFERENCE	ORIGIN	

RBT

Scale 1 Gross Weight	38440 LB	Inbound - Charge ticket
Scale 1 Tare Weight	33600 LB	
Net Weight	4840 LB	

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
2.42	TON	DEMOLITION/CONSTRUCT	30.00	72.60	0.00	72.60

NET AMOUNT
72.60
TENDERED
CHANGE
CHECK NO.

PLEASE READ YOUR RECEIPT CAREFULLY. WE ARE CLOSED ONLY
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SIGNATURE

Diane 403

ATTACHMENT D

ARTICLES OF INTEREST FROM LOCAL NEWSPAPERS

The newspaper articles contained in attachment "D" are provided for information only, as to public interest by the local community in the beach barrier cleanup project. The articles reflect the opinions of the respective newspapers that published them and are not to be construed as "**Official Information**" or as a factual part of this completion report.

North St. Lucie

Ordnance removal may be nearing end

■ Island residents will have the opportunity to address any questions to project principals at a public meeting at 1 p.m. today at Round Island Park Riverside

By **JENI BROCK STEELE**
Press Journal Staff Writer

The U.S. Army Corps of Engineers is moving into the next phase of its project to remove unexploded World War II ordnance and landing obstacles from the beaches of south Indian River and

north St. Lucie counties into shallow water.

Jacquelyn Griffin, a spokeswoman for the corps, said this is to be the final operation to remove debris if the waterfront survey does not reveal any more ordnance than experts anticipate.

"We won't know that for sure until we get out and identify what we find," she said.

The Environmental Restoration project has been under way for about two years along the shores of northern St. Lucie and southern Indian River counties, where training for U.S. troops went on during World War II.

North Hutchinson Island was a

U.S. Navy amphibious training base during the early 1940s, when the island was uninhabited by civilians.

Troops trained on the island for the invasion of Normandy. When the war ended, much of the ordnance and barriers were left behind.

The excavation project has been geared to remove any ordnance that would pose a threat to public safety.

Much of the barrier-type debris, including Belgian gates, horned scullies and iron rails, have been removed in recent months. But a concentrated survey of the waters has not been completed.

Griffin said what is located and identified during this phase of the program will be removed immediately by amphibious units and a crane. Earlier efforts surveyed first, then removed what was found.

Don Daniels, emergency services manager for St. Lucie County, said the current operation of surveying and immediate removal seems to be a more efficient way of removing debris.

Surveys of the area will be done by Navy divers working in conjunction with U.S. Army personnel.

Military personnel are already working out of the staging area

site at Round Island Park in South Indian River County.

St. Lucie County deputies will be on call in case any explosives are found and in case evacuation becomes necessary, Daniels said.

In March, debris was identified near State Road A1A and deputies re-routed traffic when removal operations came within 500 feet of the roadway.

Daniels said he does not anticipate re-routing traffic again, but said deputies will take whatever action's necessary if Army and Navy professionals on scene ask for additional precautions.

"There are a bunch of professionals out there," Daniels said.

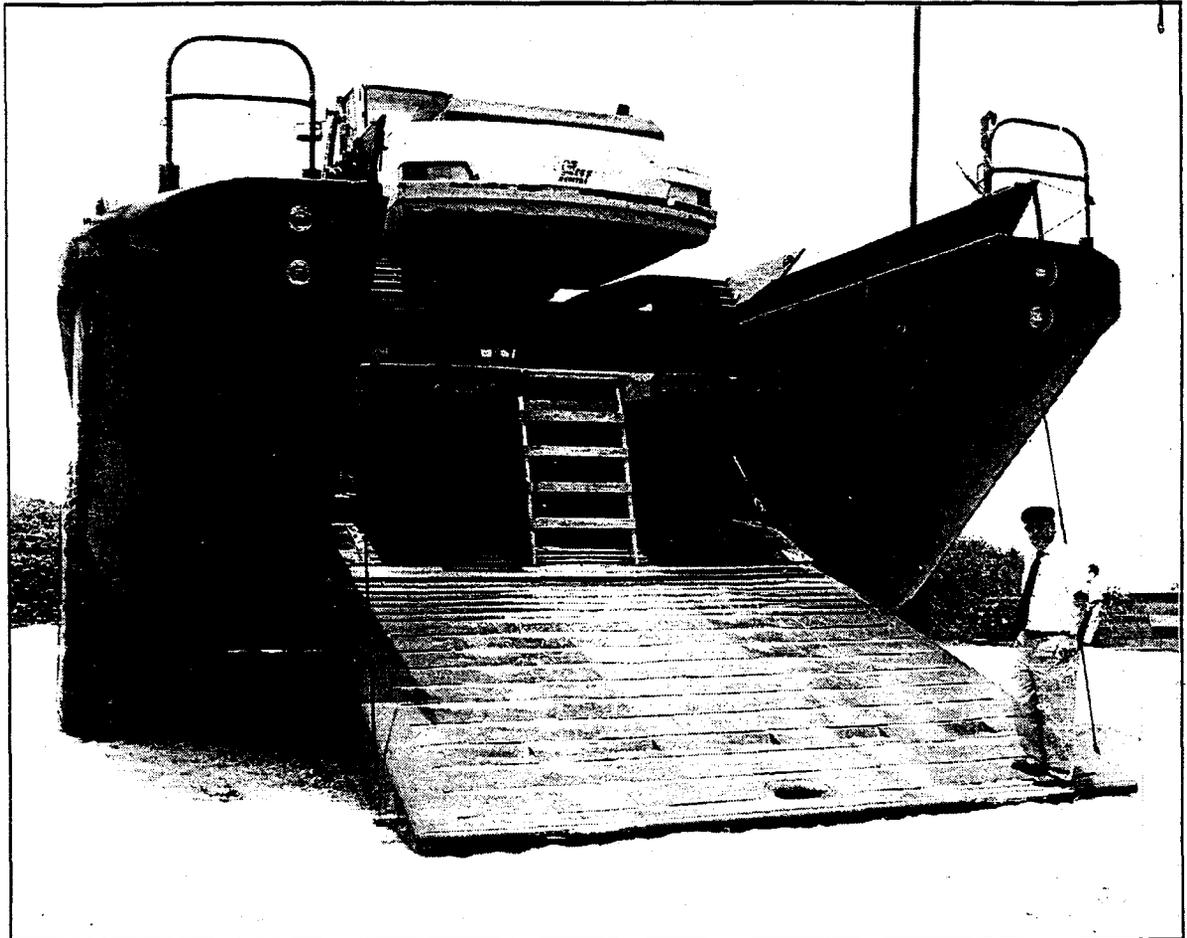
"They'll let us know if they need us."

Island residents will have the opportunity to address any questions to project principals at a public meeting at 1 p.m. today at Round Island Park Riverside. Project managers and military supervisors of the operation will be at the meeting.

The St. Lucie County Commissioners approved May 12 a 90-day right-of-entry for the Corps' project.

The Army Corps of Engineers requested the entry to move its staging area from Round Island Park to Pepper Park. But Daniels said it is still unknown if and when the Corps will make the move.

Equipment arrives



Press Journal Staff Photos by Jeni Brock Steele



U.S. Army Corps of Engineers Project Manager Robert Bridgers (above) stands next to the amphibious equipment, the LARC, that will do the next phase of ordnance removal from beaches along south Indian River and north St. Lucie counties. Project Engineer Billy Wiggins (at left) talks to Shirley and George Burlingham, North Hutchinson Island residents, about the LARC and its job of removing military obstacles left from World War II. They are standing next to a 6,000-pound tire that fits the LARC.

North St. Lucie

Military crew hits 'debris fields'

■ Sometimes the bucket comes up with huge chunks of concrete with rusted metal barbs sticking in every direction

By **JENI BROCK STEELE**
Press Journal Staff Writer

Removing old military beach obstacles from the shores of Indian River and St. Lucie counties is slow and tedious work.

For the past week it's been even slower since workers have found what they call "debris fields" in shallow water.

Working just south of Avalon South, a state-owned public beach access and preservation area on North Hutchinson Island in St. Lucie County, workers have been

able to clear only about 300 yards of beach in six days, said Project Engineer Billy Wiggins, of the U.S. Navy's Environmental Detachment in Charleston, S.C.

"We've taken between 30 and 50 tons of stuff out of the water in this area," Wiggins said.

Crews Thursday loaded so much debris onto two Lighter Amphibious Resupply and Cargo units, called LARCs, that extra trips had to be made to the staging area at Round Island Park to unload.

The amount being excavated has not surprised workers, Wiggins said.

"I'm surprised more people haven't been injured by this stuff," he said. "It's just laying in the sand in shallow water."

The work crew consists of Navy divers and Army personnel. Each LARC carries a track hoe

that drops a large bucket into the water, where divers have marked their findings with red buoys.

Divers stay in the water and use hand signals to direct a supervisor on the LARC. The supervisor directs the track hoe operator to place the bucket at the exact spot where the military debris is located.

Sometimes the bucket comes up with huge chunks of concrete with rusted metal barbs sticking in every direction. Other times, the buckets come up loaded with dozens of pieces of concrete already separated into pieces not much larger than a gallon jug.

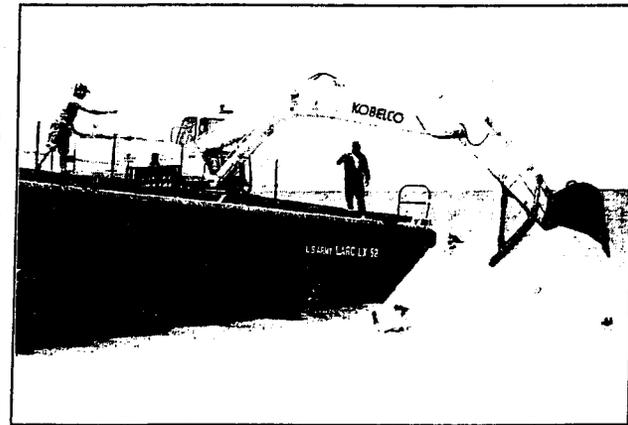
The operation is part of the U.S. Army Corps of Engineers' Environmental Restoration Project, which removes military barriers and obstacles left by troops that trained at the site when it was a Navy training station during World War II.

"One time yesterday (the bin on the LARC) weighed more than 15,000 pounds because that's what the track hoe can lift and we took some stuff out of it so the track hoe could lift it out," said Kim Turrok operations supervisor with the Navy's Environmental Detachment.

Jim Lanier works for the Army Corps of Engineers in quality assurance and checks job sites to see how the excavation project is progressing.

"We've learned that it takes just as much effort to remove the small stuff as it does to remove the big stuff," Lanier said.

The budget for this project is about \$500,000, said Jacquelyn Griffin, spokeswoman for the Army Corps. It is hoped that this is the final phase of excavation in this area, Griffin said, but that will not be known until this phase nears completion in about 60 days.



Press Journal Staff Photo by Jeni Brock Steele

Navy divers and Army personnel comb the surf for military debris using a track hoe on a Lighter Amphibious Resupply and Cargo unit.

Windows with a View

LOCAL NEWS INSIDE

Coast Guard helicopter finds a Merritt Island diver about eight miles out from Playalinda Beach, missing for 18½ hours, 4B.

SEBASTIAN RIVER AREA

462-2319 Covering: Sebastian, Fellsmere, Wabasso, Roseland and the beaches.

THURSDAY, June 18, 1998

SECTION B

Sebastian office, 388-4888

Divers to search for more explosives

Military personnel to check Sandpointe Beach, south of city limits

By Rolanda Hatcher-Gallop
FLORIDA TODAY

VERO BEACH — Military divers are expected to be out today investigating a report of unexploded military weapons off Sandpointe Beach, just south of the city limits along the Atlantic.

Richard Van Zyl, a Sebastian jeweler who has been hunting treasure since 1985, said he found the weapons last week during a routine dive.

"I was taking out two of my new divers about 150 yards offshore in 15 feet of water, when one of them (found) the objects on his metal de-

tector and saw it," Van Zyl said. "It was sitting on top of the reef in plain sight."

The divers found two intact objects.

"The first was a small one similar to the bombs dropped from airplanes in World War II," he said, adding the other looked like a cannon shell.

That description was enough for Billy Wiggins, the project engineer of a Defense Environmental Restoration Project currently at Round Island Park about five miles south of Vero Beach.

The 60-day project, started May 11, is part of a federally funded ini-

tiative to remove munitions and other leftovers from World War II-era training sites. The area from Vero Beach south to Fort Pierce was to train for the D-Day invasion of France.

"From what (Van Zyl) has told me, we believe they may be unexploded ordnance, which are some type of unexploded shell, rocket or bomb," Wiggins said. "We won't know until we get out there."

If the objects are explosive, Wiggins said the divers will retrieve them and take them to Patrick Air Force Base for detonation.

Master Chief John Sathe, dive supervisor, said Van Zyl's find wouldn't be the first time the team

has encountered live weapons.

"Last Thursday, we found three Tiny Tim barrage rockets, which we took to Patrick for detonation," he said. "We've also found about nine pounds of C-2 plastic explosives since we've been here."

Van Zyl will take the divers out to the discovery site and then, if he's lucky, continue with his true mission — searching the ruins of the 1715 Spanish Fleet for possible treasure.

"We're working on something and, by the end of the season, expect to have found something," he said. "I'd stop looking right now if I found a (treasure) as big as one of those bombs."



Rolanda Hatcher-Gallop, FLORIDA TODAY

JIM LANIER, left, Melbourne representative for the U.S. Army Corps of Engineers, and Billy Wiggins, project engineer for the Defense Environmental Restoration Project, examine tons of concrete scullies and debris removed from the ocean and beach near Round Island Park, five miles south of Vero Beach.

SEBAS-
RIVER EDITION



DISNEY'S INTERACTIVE PARK OPENS

Indoor arcade-style
amusement park
offers virtual good
time, 1D.

STEWART LEADS U.S. OPEN, 1C.

FLORIDA TODAY

PUBLISHED FOR SEBASTIAN RIVER AREA



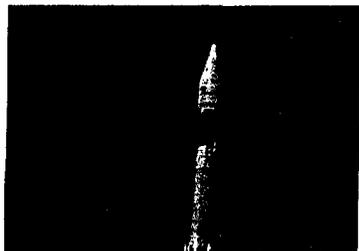
The truth is right here
'X Files' opens in movie
theaters, TgIF.

FRIDAY, June 19, 1998

HEADLINES

TODAY'S NEWS AT A GLANCE

Atlas rocket fires satellite into orbit



Divers find World War II-era bomb near Vero

Munitions left behind from training exercises

By Rolanda Gallop-Hatcher
and David Kearns
FLORIDA TODAY

VERO BEACH — Military divers, working Thursday with Sebastian treasure hunter Richard Van Zyl, found a 1,000-pound aerial bomb off Porpoise Point.

The Navy will move the World War II-era bomb out to sea and detonate it later this summer. Missing from nearby waters, though, was something Van Zyl described as a 3-foot-long rocket of the same era.

Van Zyl said he marked the

rocket's location with a small buoy after his initial discovery last week. With Navy divers on hand to inspect the underwater munitions, neither the rocket nor the buoy was found.

"Maybe someone came along and took it," Van Zyl said.

The area from Vero Beach south to Fort Pierce was used in 1943 as a training ground for the Allied invasion of Europe. Left-over munitions, concrete obstacles and other equipment have turned up along the shore for several years. A federal project is in the process of searching the shoreline and removing what

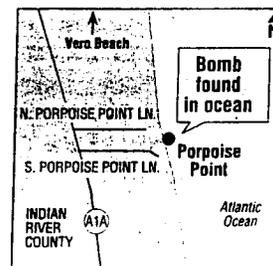
crews find.

The 5-foot-long bomb was found Thursday morning in 12 feet of water 1,000 yards offshore, Navy diver John Sathe said.

Sathe said the bomb, used in demolition exercises, will be moved about three miles offshore and detonated in about 100 feet of water.

Billy Wiggins, project engineer, said divers first must request authorization from federal authorities for a detonation.

"The procedure will include arranging for a plane to survey



the area since it is in the right whale calving area," Wiggins said, adding the whale season is almost over. "We have to make sure no marine mammals are in the area."

The team also will notify

local authorities and discuss what preparations need to be made on land, he said.

"We aren't anticipating any need for extreme procedures, but the most we'd ask is to get people on the closest street to leave their homes for about an hour," Wiggins said.

He said he thinks the bomb is composed of a high-energy explosive powder.

"I don't know exactly when we will retrieve it, but it will definitely be before July 9, the last day of our project."

Until then, the bomb's explosive potential will be unknown.

See BOMB, Next Page

Divers find World War II-era bomb near Vero

BOMB, From 1A

"Several of these have been found to be concrete-filled, and others have been explosive-filled. We won't know which until we detonate it," Sathe said.

"It's safe to leave it where it is. It's deep enough and far (enough)

away from shore that the casual swimmer or diver will never stumble across it."

Pilots from Fort Pierce Naval Air Station used the stretch of beach as target practice as they trained to break through cement and iron barricades.

"There could be one more or

there could be 100 more," Sathe said. "They didn't keep an accurate accounting in 1943."

Van Zyl and his crew will continue working waters in the area searching for treasure from the 1715 fleet, being careful not to disturb more recent relics from the World War II era. During the

search for the weapons, Van Zyl found a grapnel anchor, which was used during the 18th century to scour the ocean bottom for treasure.

"Now we know there's possibly some treasure down there, but we can't look until they move the bomb," he said.

WWII-era bomb set off, but it turns out to be a dud

By **MATT GRIMISON**
Press Journal Staff Writer

9 July, 1998

There was little sound and fury, but Wednesday's intentional bomb blast in the Atlantic Ocean signified everything to residents hoping it will be the last.

The explosion of the 1,000-pound, World War II-era aerial bomb about a mile off Porpoise Point fizzled when it turned out to be filled with concrete, as officials suspected, and not any volatile material.

While onlookers may have been somewhat disappointed, it was just what officials with the U.S. Navy Environmental Detachment Charleston were looking for.

"It was pretty routine," detachment Operations Supervisor Kim Turok said. "There was nothing out of the ordinary about it."

The explosion was a muffled blast shortly after 10 a.m., shooting a 15-foot plume of white spray into the air, followed by a round upwelling of dark, sediment-laden water. It looked much smaller from the beach.

Only 20 pounds of C-4 plastic explosives attached to the bomb by Navy divers detonated.

It was very similar to the anticlimactic explosion of an almost identical bomb found last year, which also turned out to be a dud.

But some residents in the area said the spectacle is not as important as the desire that there are no more like it in the future.

"I hope it's the last of them," said Joan Sigler, who lives nearby in The Moorings. "But it was a perfect excuse to come out on the beach."

That stretch of beach was used as a practice bombing range during World War II, and periodically ordnance has turned up in the ocean and beach.

Please see **BOMB** on 15A

Bomb ————— From Page 1A

The U.S. Army Corps of Engineers just wrapped up a two-month project clearing as much of the debris used in training from the ocean, removing 330,000 pounds of concrete, steel and other materials.

The beach was littered with small pockets of curious onlookers

Wednesday, with the largest crowd at South Beach Park.

Catrin Bolles, visiting from Tampa with her 12-year-old son, Robert, had a much closer seat near Floralton Beach.

The explosion was not quite the visual show she expected, but that didn't mean she missed it.

"You could feel the vibrations;

you could definitely feel it happen," Bolles said. "But we were hoping to see something come up out of the water."

But if the detonation was larger, Robert and his friend Ryan Firth, 13, were ready. Two surfboards sat on the beach nearby just in case the wave of the day came through.

2 years, 350,000 lbs. later: Beach clean of WWII debris

7/28/98

By JEN BROCK STEELE
Press Journal Staff Writer

St. Lucie County beaches are nearly 350,000 pounds lighter since the Army Corps of Engineers has wrapped up the final phase of its Environmental Restoration Project.

The Army Corps' project was to remove concrete and metal debris left along beaches between St. Lucie and Indian River counties by the World War II-era U.S. Navy Amphibious Training Base in Fort Pierce.

The local beaches were used to train amphibious assault troops during World War II, including troops that invaded Normandy on D-Day.

Obstacles and barriers designed to mimic enemy defenses on invasion beaches were left behind when the base was closed in 1946 because the island was uninhabited and inaccessible.

The final phase of the two-year excavation project started in May. The effort was wrapped up about two weeks ago without ever moving the staging area into St. Lucie County.

The Army Corps asked the St. Lucie County commissioners last May to approve a 180-day clearance to move their staging base onto the north end of Pepper Park.

The county commissioners approved a 90-day clearance pending the final dune crossing permits that were issued by the Department of Environmental Protection.

But the move was never necessary, said Billy Wiggins, the project engineer.

"We decided to stay where we were, operate from Round Island and drive the extra couple of miles," he said. "That worked out best."

The move would have cost the project two days of work and would have required fencing, which was already present at Round Island Park, Wiggins said.

"In the long run, it would have been impractical anyway," Wiggins said, from his operations base in Charleston, S.C.

North Beach Association President Shirley Burlingham had watched the project from the beginning but was not at home when the project ended.

She was concerned, she said, when North Hutchinson Island residents didn't see much of the military operation on the south side of P.V. Martins Restaurant.

But it was there.

H.T. Aldhizer, director of the UDT-SEAL Museum at Pepper Park three miles south of P.V. Martins Restaurant, said the huge amphibious machines moved in and out quietly.

"We only saw them a couple of times," he said. "They dropped in on us, but other than that, we might not have seen them at all."

A small amount of plastic explosives, two small rockets and one mortar shell was the only ordnance found in the search, Wiggins said.

One pack of plastic explosives was detonated off the coast in Indian River County and another small block was found in St. Lucie County, but was removed to Patrick Air Force Base for disposal, he said.

All other debris found was from horned scullies, rails and Belgian gates, all barriers to amphibious landings, Wiggins said.

Most of the barrier debris, except for the horned scullies, had decayed into pieces of concrete and metal. More than 200,000 of the total 349,260 pounds removed was metal, Wiggins said.

The metal debris was in the form of rails, long steel and iron bars and heavy wire, Wiggins said.

The metal debris was used to disable enemy watercraft that might have gotten close to shore.

Wiggins said he believes his crews removed all the debris.

"I don't know what erosion will uncover," Wiggins said, "but I can say with a reasonable certainty that we got everything out there that was in shallow water and we went all the way to the Fort Pierce Inlet."

This phase of the project cost about \$500,000 with the total 2-year excavation project costing well over \$2 million.

Army Corps spokeswoman Jacquelyn Griffin said the Corps of Engineers has finished the beach restoration along the Treasure Coast.