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NSA PANAMA CITY  
5090.3a

SITE ASSESSMENT ON OIL/WATER SEPARATOR AT BUILDING 362 NSA PANAMA CITY  
FL  
9/14/1995  
THICKSTUN BROS. EQUIPMENT CO.



**THICKSTUN BROS. EQUIPMENT CO.**

841 ALTON AVENUE — COLUMBUS, OHIO 43219  
614/252-8422 252-2229 (FAX)

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September 14, 1995

Naval Coastal Systems Station  
Attn: LT Azzinari  
6703 West Highway 98  
Suite 126  
Panama City, Florida 32407-7001

Subject: Site assessment on oil/water separator at Building 362

Dear LT Azzinari:

Please find the following listed documents within this binder:

- A. closure assessment form DER17-761.9006
- B. Description of work - only one oil/water separator was to be removed. No contaminated soil was found, so the backfill soil was returned to the excavation. There is a surplus of sand as the 1000 gallon oil/water separator displaced approximately 5.6 cu yards of soil and the new 6000 gallon holding tank will displace approx. 33.6 cu yards. This soil will be backfilled over the tanks.
- C. Site plan starting with Florida map locating Panama City, a partial base map showing the Building 362 site, and a site map showing the location of the oil/water separator, limits of excavation, and sampling points.
- D. Laboratory test results.
- E. Separator disposal performed by Thickstun Brothers for recycling. No contaminated soil was encountered, nor was any water encountered.
- F. Certifications required by DER are the storage tank registration form, certification of financial responsibility, and the closure assessment form, all of which must be signed by the U.S. Navy representative.
- G. There were no building permits, nor inspection permits required, however a copy of our licenses is attached.
- H. We are guessing that there was about 30 cu yards total excavated for the removal of the oil/water separator.



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### SITE ASSESSMENT REPORT (BUILDING 362) NARRATIVE OF WORK PROCEDURES

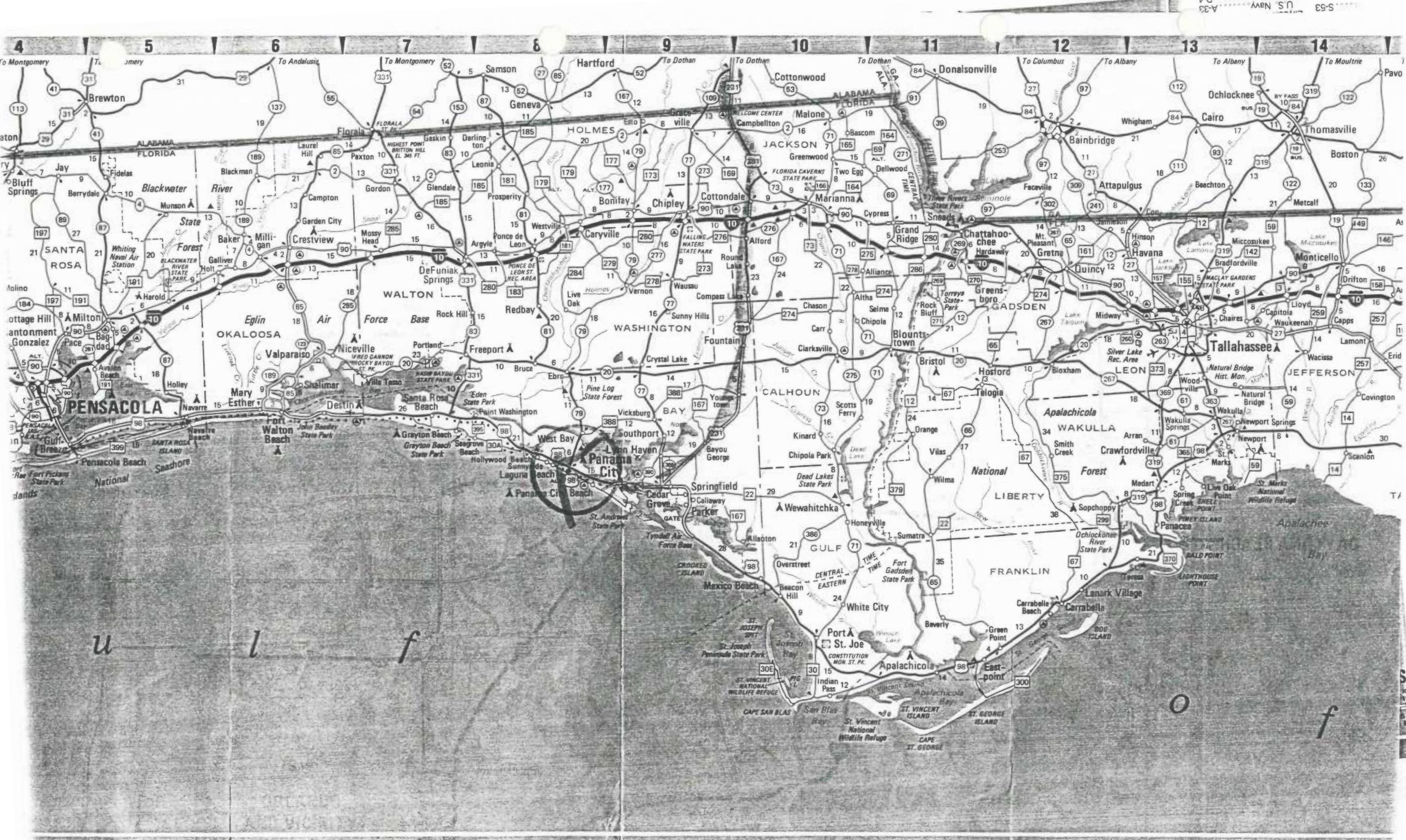
We examined the surface for any indications of soil contamination (the soil in this area is a loose fine sand). There was no surface indication of oil staining. We uncovered to the top of the tank and disconnected the 6" P.V.C. sewer lines. Southern Earth Sciences Laboratory of Panama City was on site and conducted the soil sampling. A series was sampled at the 2 feet level (under the pipes) and also at the 5' level for the sidewalls and at the 6' and 8' level for under the hold down pad. All samples showed no contaminations except B-3 which showed 1 P.P.M., which is well within the range of 50 P.P.M. (see attached sample log). The oil water separator is a non regulated tank according the State of Florida Department of Environmental Regulation. I double checked this with Brian Hughes of the Bay County Public Health Unit on July 20, 1995.

The Navy had pumped the tank prior to our removing the tank from the ground. The tank was moved to a secure location on site for further cleaning and disposal.

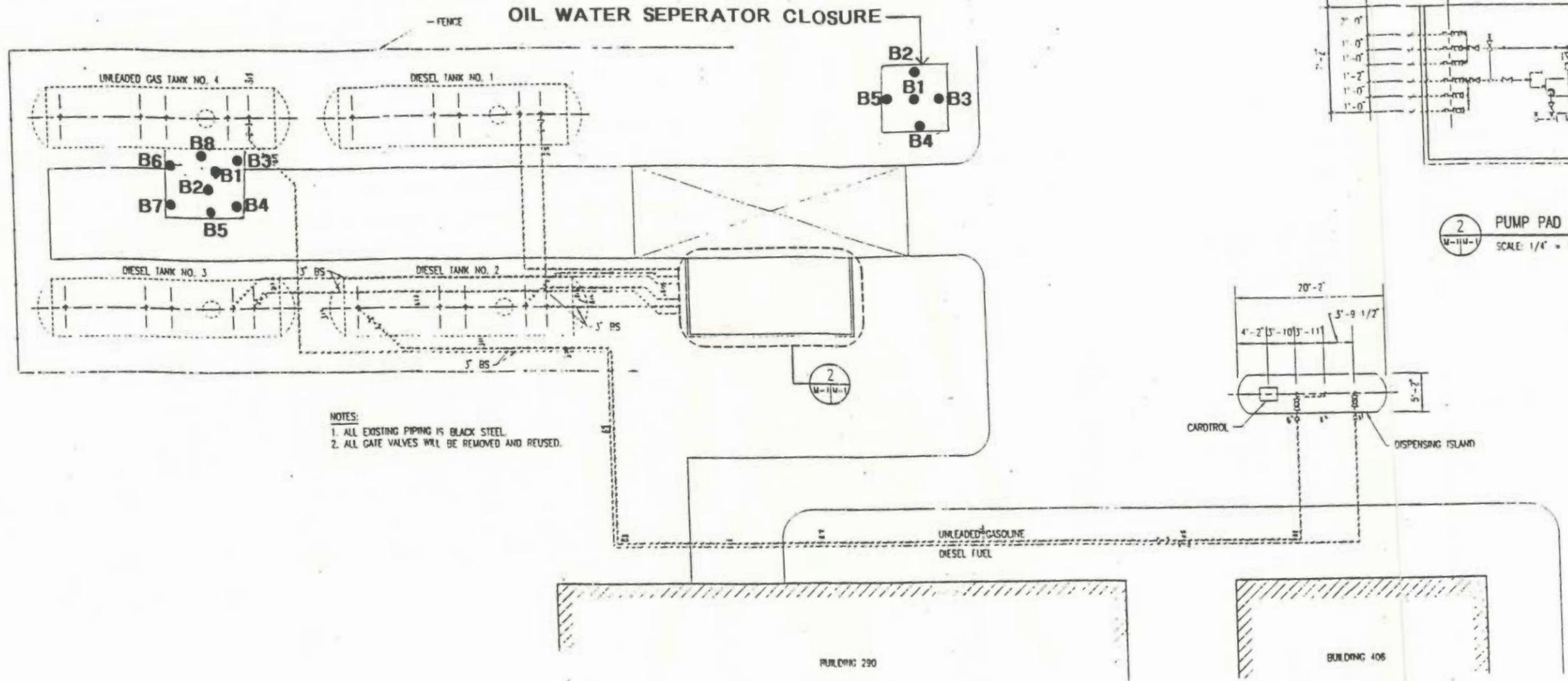
Note: This tank was a Steel STRP - 1 cathodicly protected the tank that is in a like new condition. The anode is almost completely dissolved. From a 5" diameter to a 1" diameter. This tank will be assigned to the Navy if they have need of it. If the Navy declines Thickstun Brothers will dispose of the tank. A certificate showing final disposition will be submitted at a later date.

There is only one oil water separator to be removed with in the scope of this contract.



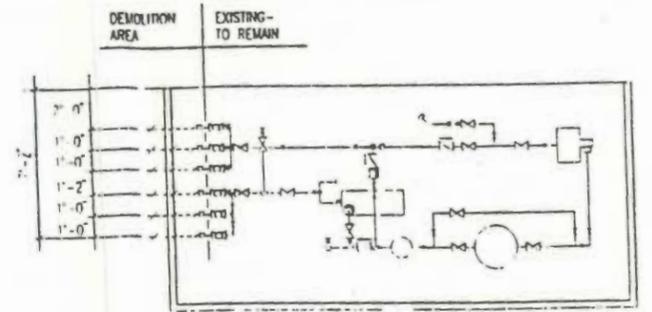


# INDEX

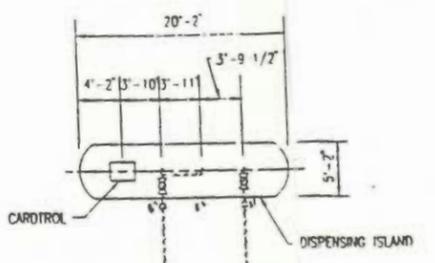


NOTES:  
 1. ALL EXISTING PIPING IS BLACK STEEL.  
 2. ALL GATE VALVES WILL BE REMOVED AND REUSED.

1 FACILITY NO. 362 - DEMOLITION PLAN  
 SCALE: 1/8" = 1'-0"



2 PUMP PAD - DEMOLITION PLAN  
 SCALE: 1/4" = 1'-0"



**LEGEND:**

	DEMOLISH AND REMOVE
	EXISTING PIPING/EQUIPMENT (AG)
	EXISTING PIPING/EQUIPMENT (UG)
	NEW PIPING/EQUIPMENT (AG)
	NEW PIPING/EQUIPMENT (UG)
	GATE VALVE
	BALL VALVE
	RUBBER BOOT W/CLAMPING COLLAR

**ABBREVIATIONS:**

AG	ABOVE GROUND
BS	BLACK STEEL
DWFRP	DOUBLE WALL FIBERGLASS REINFORCED PLASTIC
FRP	FIBERGLASS REINFORCED PLASTIC
LP	LOW POINT
SS	STAINLESS STEEL
UG	UNDERGROUND

DRAWN BY: R. WILCOX  
 CHECKED BY: S. WILCOX  
 DATE: 07/10/94  
 PROJECT NO: 94-013  
 SHEET NO: 6 OF 13  
 PROJECT NUMBER: 93016-04

REVISION DESCRIPTION  
 PREP. BY: DATE: APPROV.

COASTAL SYSTEMS STATION  
 16000 S. 110th St.  
 Omaha, NE 68148  
 PHONE: 402-491-1111  
 FAX: 402-491-1112

APPROVED FOR THE WORK:  
 COASTAL SYSTEMS STATION  
 APPROVED FOR THE PROJECT:  
 FACILITY NO. 362 - DEMOLITION PLAN

Robert and Company  
 Engineers, Architects, Planners  
 16 Pacific Street # 9, Alameda, Georgia 31313  
 404-577-4000 FAX 404-577-7118  
 PAC PROJECT NUMBER: 93016-04

SOIL TESTING FOR  
CSS BUILDING 362  
PANAMA CITY, FLORIDA



southern earth sciences, inc.  
Environmental Consultants

Thickstun Brothers Equipment Company  
8411 Alton Avenue  
Columbus, OH 43219

May 10, 1995  
File No.: F-95-196

**ATTENTION: Mr. Ken Thickstun**

**SUBJECT: Soil Screening for Upgrading Fueling System at Coastal Systems Station Building 362, Panama City, Florida**

Dear Mr. Thickstun:

As requested, Southern Earth Sciences, Inc. has completed soil screening for upgrading the fuel delivery system at the Coastal Systems Station Building 362 in Panama City, Florida.

On May 2, 1995, personnel with our firm mobilized to the subject site with an organic vapor analysis (OVA) instrument with a flame ionization detector (FID). Soil samples were collected at each pump dispenser and along the underground lines and screened in the field using an OVA with and without a carbon filter. Field OVA data are reported in Table I. Sixteen (16) soil brings were performed along the underground piping lines to a depth of 2.0 feet below the bottom of the lines, every 20 feet. Three (3) soil borings were performed at the pump dispensers to a depth of 4.0 feet. This field testing was performed in accordance with Florida Chapter 62-770 and Comprehensive QA Plan #9200016 procedures.

Groundwater was encountered at a depth of 6.0 feet below existing grade on the date of our testing. Note: soil borings B-14 and B-19 had corrected OVA readings greater than 10 ppm.

Should additional information be required, please do not hesitate to contact us.

SOUTHERN EARTH SCIENCES, INC.

*Terry K. Barnes* TCB

Terry K. Barnes  
Environmental Specialist

*Keith E. Sibley*

Keith E. Sibley, P.G.  
Professional Geologist  
Reg. No: 1366  
State of Florida

5-10-95

TABLE I  
 CSS BUILDING 362  
 OIL WATER SEPERATOR CLOSURE

LOCATION	DEPTH (FEET)	OWA W/OUT FILTER (PPM)	OWA W/FILTER (PPM)	CORRECTED OWA (PPM)
B-1	6	0	0	0
	8	0	0	0
B-2	2	0	0	0
	5	0	0	0
B-3	2	1.0	0	1.0
	5	0	0	0
B-4	2	0	0	0
	5	0	0	0
B-5	2	0	0	0
	5	0	0	0

PPM = Parts Per Million

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
STORAGE TANK REGISTRATION FORM

PLEASE PRINT OR TYPE - REVIEW INSTRUCTIONS BEFORE COMPLETING FORM

(1) DER FACILITY ID NUMBER: 03-8518667 (2) Facility Type: GOVT  
 (3) New Registration \_\_\_\_\_ Facility Revision \_\_\_\_\_  
 New Owner Data \_\_\_\_\_ Tank(s) Revision X  
 (4) County & Code of tank(s) location: BAY COUNTY / \_\_\_\_\_

(5) Facility Name: U.S. NAVAL COASTAL SYSTEMS STATION  
 Tank(s) Address: 6703 W. HIGHWAY 98 BUILDING 362  
 City/State/Zip: PANAMA CITY, FLORIDA 32407-7001  
 Contact person: ROICC Telephone: (904) 234-4764  
 (6) Financial Responsibility Type: FED GOVT

(7a) Tank(s) Owner: U.S. NAVY SAME AS ABOVE  
 Owner mailing address: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Contact person: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_

(7b) New Owner Signature/Change Date: \_\_\_\_\_ // \_\_\_\_ / \_\_\_\_ / \_\_\_\_

(8) Location (optional) Longitude: \_\_\_\_\_ ' \_\_\_\_\_ " Latitude: \_\_\_\_\_ ' \_\_\_\_\_ "  
 Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

COMPLETE ONE LINE FOR EACH TANK AT THIS FACILITY (USE CODES - SEE INSTRUCTIONS)

Complete (9) - (16) for tanks in use; (9) - (19) for tanks out of use

	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
TANK 1	A	C	NA								
TANK 2	D	NA	NA								
TANK 3	G	NA	NA								
TANK 4	G	NA	NA								

(20) Thickstun Bros. Inc. DPR # PCC049522  
 Certified Contractor \* Department of Professional Regulation  
 License Number \*

\* For new tank installation or tank removal

To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

Print name and title of owner or authorized person \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-761.900(6)
Form Title Closure Assessment Form
Effective Date December 10, 1990
DER Application No. (Filed in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assesment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

- 1. Date: JUNE 19, 1995
2. DER Facility ID Number: 03-851-8667
3. County: BAY
4. Facility Name: NAVAL COASTAL SYSTEMS STATION BLD. 362
5. Facility Owner: U.S. NAVY
6. Facility Address: 6703 W. HWY. 98, SUITE 126, PANAMA CITY, FLORIDA 32407-7001
7. Mailing Address: SAME
8. Telephone Number: (904) 234-4764
9. Facility Operator: U.S. NAVY
10. Are the Storage Tank(s): (Circle one or both) A. Aboveground or (B) Underground
11. Type of Product(s) Stored: OIL/WATER
12. Were the Tank(s): (Circle one) A. Replaced (B) Removed C. Closed in Place D: Upgraded (aboveground tanks only)
13. Number of Tanks Closed: 1
14. Age of Tanks: ?

Facility Assessment Information

- Yes No Not Applicable
1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
2. Was a Discharge Reporting Form submitted to the Department? If yes, When: MAY 25, 1995 Where: PANAMA CITY, FLORIDA
3. Is the depth to ground water less than 20 feet?
4. Are monitoring wells present around the storage system? If yes, specify type: (X) Water monitoring ( ) Vapor monitoring
5. Is there free product present in the monitoring wells or within the excavation?
6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline? Specify sample type: ( ) Vapor Monitoring wells ( ) Soil sample(s)
7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene? Specify sample type: ( ) Vapor Monitoring wells (X) Soil sample(s)
8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels? (See target levels on reverse side of this form and supply laboratory data sheets)
9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
10. Are any potable wells located within 1/4 of a mile radius of the facility?
11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: GULF APPROXIMATELY 1/4 MI. AWAY.

CERTIFICATION OF FINANCIAL RESPONSIBILITY

Owners or operators of underground and aboveground storage tank systems regulated by Section 376.301, Florida Statutes shall use this form to demonstrate financial responsibility as required by Section 17-761.480 and 17-762.480, Florida Administrative Code. Owners or operators shall keep this form at the facility where the storage tank system(s) is located and shall make this available upon five working days notice to the Department or locally administered program under contract with the Department.

CERTIFICATION

\_\_\_\_\_ certifies that this facility is in compliance with the requirements (Name of owner or operator) of the federal financial responsibility rules as referenced in Section 17-761.480 and Chapter 17-769, Florida Administrative Code. Compliance with these financial responsibility rules includes taking corrective action and compensating third parties for bodily injury and property damage caused by a release from the storage tank system(s) at this location.

Financial Mechanism

The financial assurance mechanism(s) used to demonstrate financial responsibility specified in the Federal Register are as follows:

Table with 3 columns: Name of Issuer, Amount of Coverage, Period of Coverage. Includes five rows of blank lines for data entry.

General Certification Information

Signature of owner or operator, Title, Date, Signature of witness or notary, Date, Name of witness or notary

Facility Identification No.: \_\_\_\_\_
Facility name: \_\_\_\_\_
Facility address: \_\_\_\_\_

The owner or operator must update this certification whenever the financial insurance mechanism(s) used to demonstrate financial responsibility change(s). Please attach documentation to demonstrate the mechanism used to provide financial responsibility in accordance with federal rules - 40 CFR Part 280.107(b). If eligible for the Pollution Liability Insurance and Restoration Program, attach a copy of the Notice of Eligibility - DER Form #17-769.999(2).

**CITY OF PANAMA CITY  
OCCUPATIONAL LICENSE**

LICENSE NO.

940737

THICKSTUN BROTHERS EQUIPMENT CO., INC.  
841 ALTON AV

LOCATION OF BUSINESS

EXPIRES 09/30/94

CLASS	DESCRIPTION	LICENSE AMOUNT
OMISC		50.00

POST THIS LICENSE IN A CONSPICUOUS  
PLACE AT YOUR BUSINESS LOCATION

THICKSTUN BROTHERS EQUIPMENT CO., INC.  
KENNETH L. THICKSTUN  
841 ALTON AV  
COLUMBUS OH 43219

GIRARD L. CLEMONS JR  
MAYOR

MICHAEL BUSH  
CITY CLERK

NOT TRANSFERABLE FROM LOCATION SHOWN ABOVE

AC# 2777511 STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONST INDUSTRY LICENSING BOARD

DATE	LICENSE NO.	BATCH NO.
07/16/94	PC C049522	94900083

THE CERT POLLUTANT STORAGE SYS CONTR  
NAMED BELOW IS CERTIFIED  
UNDER THE PROVISIONS OF CHAPTER 489 F.S., FOR THE YEAR  
EXPIRING AUG 31, 1996

THICKSTUN, STEVEN MICHAEL  
THICKSTUN BROS EQUIP CO INC  
841 ALTON AVE  
COLUMBUS OH 43219

  
LAWTON CHILES  
GOVERNOR

DISPLAY IN A CO  
ICUOUS PLACE

  
GEORGE STUART, JR.  
SECRETARY, D.B.P.R.



## Pipe-Valves, Inc.

STEEL - STAINLESS STEEL - PVC - COPPER

OFFICE 614-294-4971 • FAX 614-294-3835

885 W. 5th AVE.

COLUMBUS, OHIO 43212

From: 1 904-555-1212

To: 872-3021 City Clerk

NC  
Naval Coastal Systems  
City Clerks office said it was  
outside city limits so license  
was not needed.

3/14/95