

N60200.AR.004696  
NAS CECIL FIELD, FL  
5090.3a

LETTER OF TRANSMITTAL AND SITE REHABILITATION COMPLETION ORDER FOR  
BUILDING 842 FORMER TANK G842B NAS CECIL FIELD FL  
1/5/2007  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

January 5, 2007

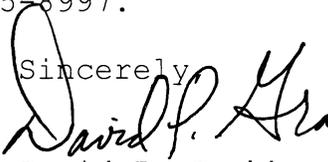
BRAC PMO SE  
Attn: Mr. Mark Davidson  
4130 Faber Place Drive  
Suite 202  
North Charleston, SC 29405

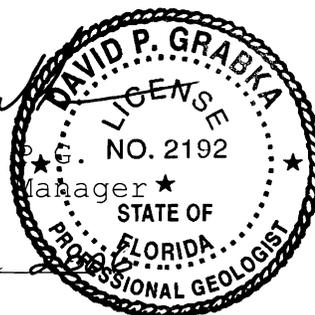
RE: Site Rehabilitation Completion Letter Report, Building 842,  
Former Tank G842B, Naval Air Station Cecil Field,  
Jacksonville, Florida

Dear Mr. Magwood:

I have completed my review of the Site Rehabilitation Completion Letter Report, Building 842, Former Tank G842B, Naval Air Station Cecil Field, dated November 8, 2006 (received November 8, 2006), and errata pages dated December 21, 2006 (received December 27, 2006), prepared and submitted by Tetra Tech NUS, Inc. Based upon my review, the enclosed Site Rehabilitation Completion Order (SRCO) was signed by Mr. Doug Jones, Chief, Bureau of Waste Cleanup. The No Further Action Proposal was incorporated by reference in the SRCO.

If I can be of any further assistance with this matter, please contact me at (850) 245-8997.

Sincerely,  
  
David P. Grabka, P.E. NO. 2192  
Remedial Project Manager  
29 December  
Date



cc: Mark Davidson, SouthDiv, Charleston  
John Flowe, City of Jacksonville  
Mike Fitzsimmons, FDEP, Northeast District  
Doyle Brittain, USEPA Region 4  
Mark Peterson, Tetra Tech NUS, Jacksonville

JJC  ESN 



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

January 5, 2007

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

BRAC Program Management Office Southeast  
Attention: Mr. Mark Davidson  
4130 Faber Place Drive  
Suite 202  
North Charleston, South Carolina 29405

Subject: Site Rehabilitation Completion Order  
Building 842, Former Tank G842B  
Naval Air Station Cecil Field  
Jacksonville, Duval County

Dear Mr. Davidson:

The Bureau of Waste Cleanup has reviewed the Site Rehabilitation Completion Letter Report (SRCR) and No Further Action Proposal (NFAP) dated November 8, 2006 (received November 8, 2006), submitted for the petroleum product discharge discovered at this facility. Documentation submitted with the SRCR/NFAP confirms that criteria set forth in subsection 62-770.680(1), Florida Administrative Code (F.A.C.), have been met. Please refer to the enclosed map of the source property and analytical summary tables. The SRCR/NFAP is hereby incorporated by reference in this Site Rehabilitation Completion Order (Order). Therefore, you are released from any further obligation to conduct site rehabilitation at the site for petroleum product contamination, except as set forth below.

- (1) In the event concentrations of petroleum products' contaminants of concern increase above the levels approved in this Order, or if a subsequent discharge of petroleum or petroleum product occurs at the facility, the Florida Department of Environmental Protection (Department) may require site rehabilitation to reduce concentrations of petroleum products' contaminants of concern to the levels approved in the SRCR/NFAP or otherwise allowed by Chapter 62-770, F.A.C.
- (2) Additionally, you are required to properly abandon all monitoring wells within 60 days of receipt of this Order. The monitoring wells must be plugged and abandoned in accordance with the requirements of subsection 62-532.500(4), F.A.C.

*"More Protection, Less Process"*

*Printed on recycled paper.*

### Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

- (A) If you choose to accept the Department's decision regarding the SRCR/NFAP you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.
- (B) If you choose to challenge the decision, you may do the following:
  - (1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or
  - (2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to section 120.573, F.S., is not available.

### How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from the BRAC Program Management Office Southeast, shall mail a copy of the request to the BRAC Program Management Office Southeast at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

### How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from the BRAC Program Management Office Southeast, shall mail a copy of the petition to the BRAC Program Management Office Southeast at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under sections 120.569 and 120.57, F.S.

Pursuant to subsection 120.569(2), F.S. and rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
- (b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
- (c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Mr. Mark Davidson  
January 5, 2007  
Page Four

Judicial Review

Any party to this Order has the right to seek judicial review of it under section 120.68, F.S., by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding the Department's review of your SRCR/NFAP should be directed to David Grabka at (850) 245-8997. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

Sincerely,



Douglas A. Jones, Chief  
Bureau of Waste Cleanup  
Division of Waste Management

DAJ/dpg

Enclosures

cc: David P. Grabka, FDEP – BWC  
File

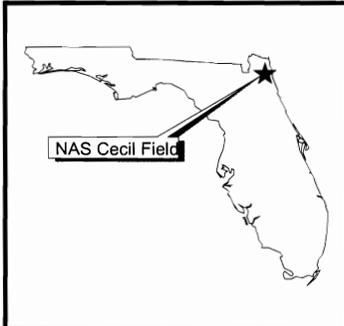
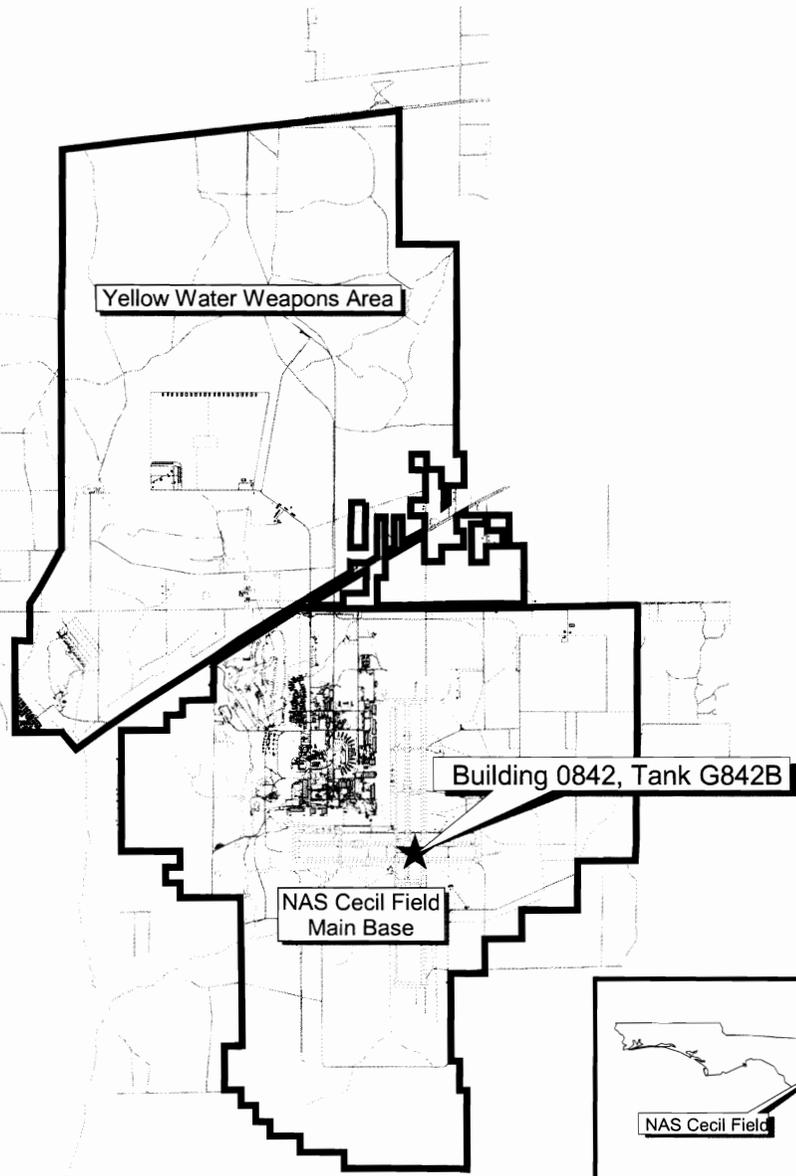
FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant to  
§120.52 Florida Statutes, with the  
designated Department Clerk, receipt  
of which is hereby acknowledged.



Clerk  
(or Deputy Clerk)



Date

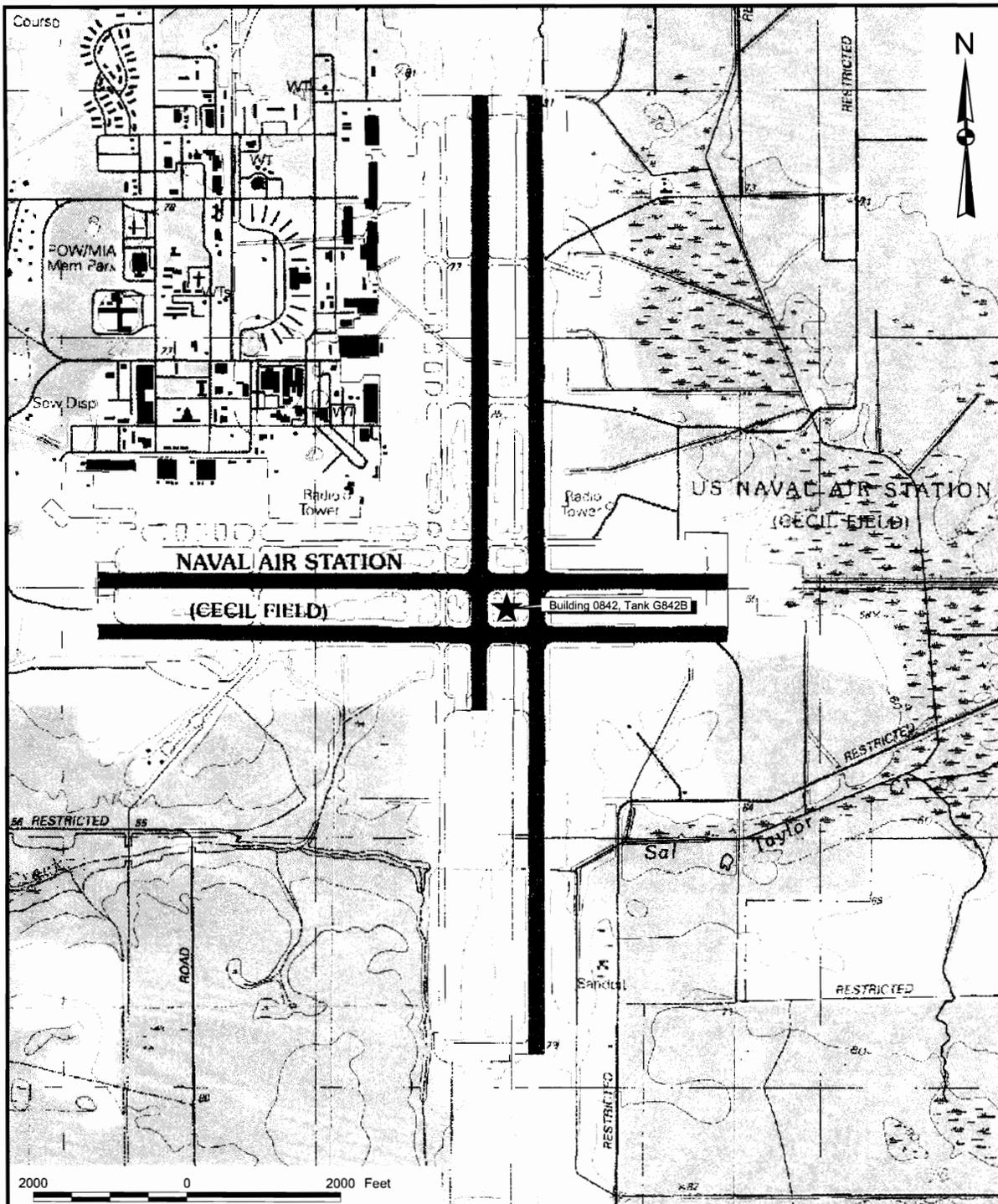


DRAWN BY	DATE
MJJ	27Aug03
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE	AS NOTED



GENERAL LOCATION MAP  
BUILDING 842, TANK G842B  
NAVAL AIR STATION CECIL FIELD  
JACKSONVILLE, FLORIDA

CONTRACT NUMBER 4248	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 1-1	REV 0

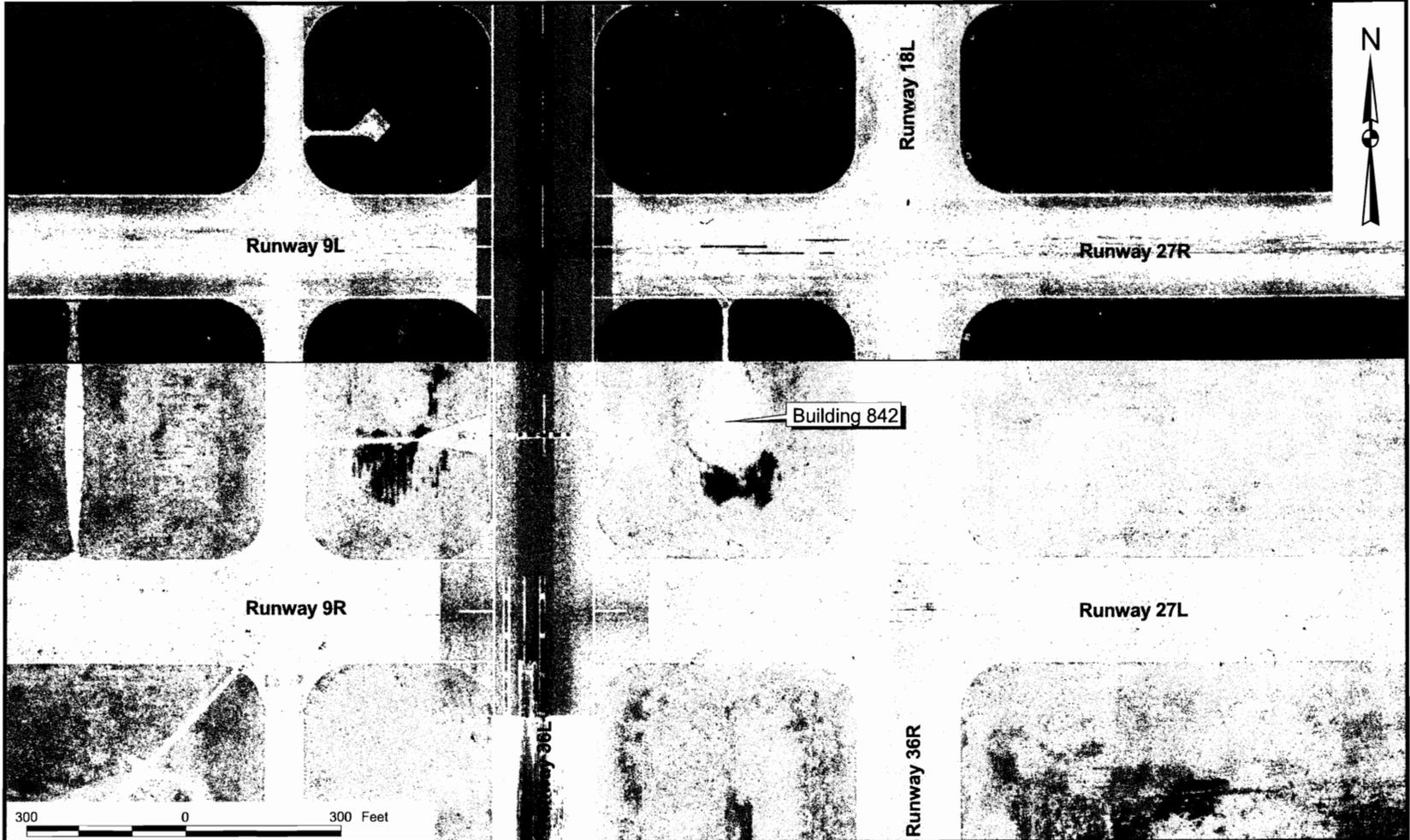


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CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



SITE LOCATION MAP  
 BUILDING 842, TANK G842B  
 NAVAL AIR STATION CECIL FIELD  
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 4248	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 1-3	REV 0



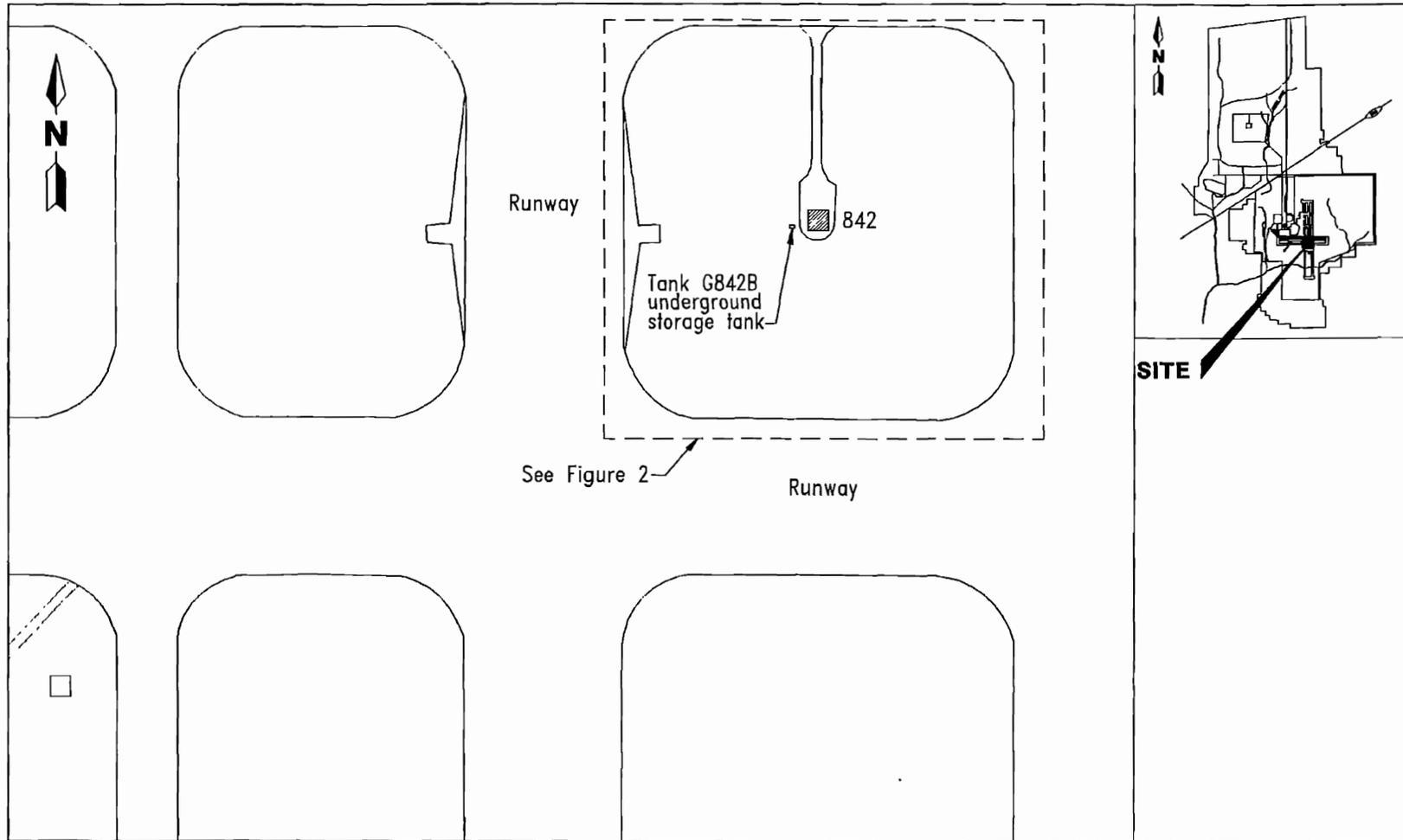
300 0 300 Feet

DRAWN BY	DATE
MJJ	27Aug03
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



BUILDING 842 AND SURROUNDING PROPERTIES  
 BUILDING 842, TANK G842B  
 NAVAL AIR STATION CECIL FIELD  
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 4248	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 1-2	REV 0



0 100 200  
SCALE: 1 INCH = 200 FEET

**FIGURE 1  
TANK G842B  
RADAR FACILITY**



**CONFIRMATORY SAMPLING REPORT  
BUILDING 842, TANK G842B**

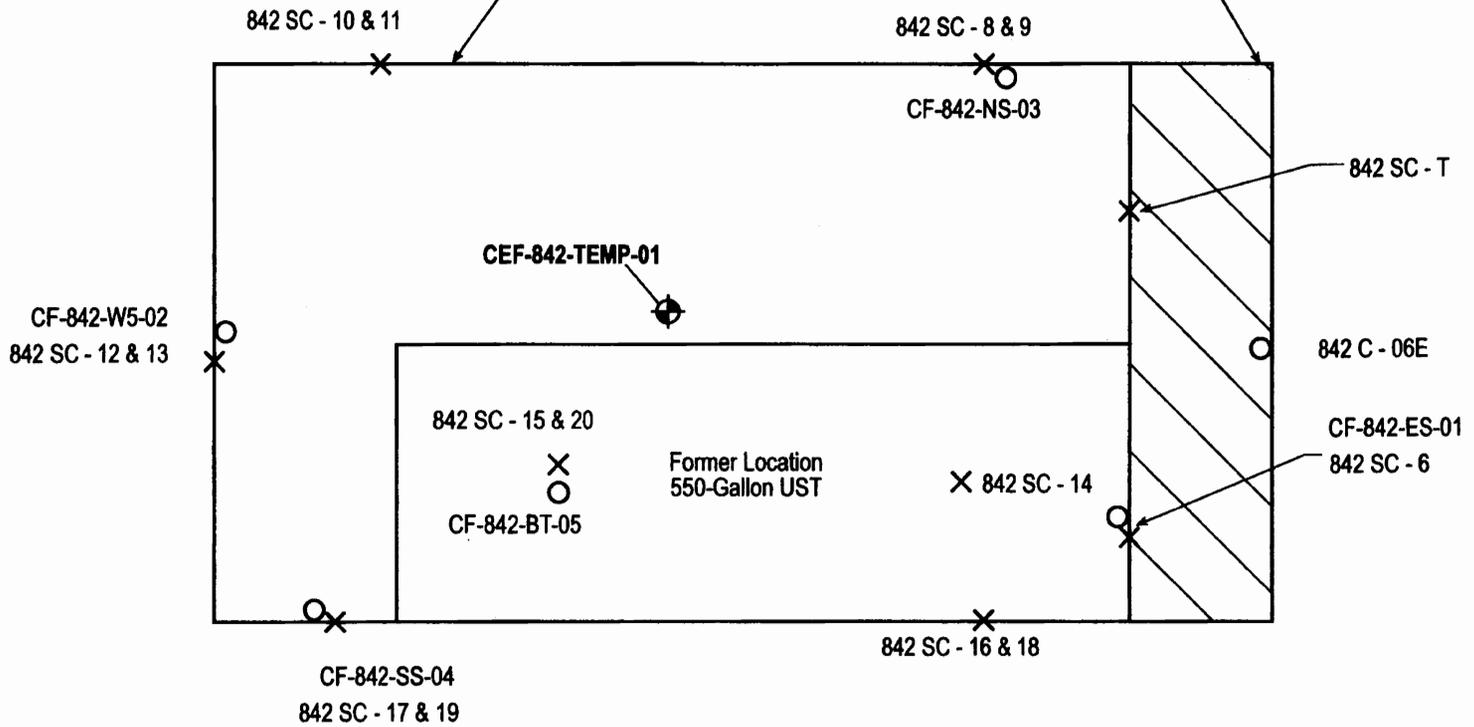
**NAVAL AIR STATION CECIL FIELD  
JACKSONVILLE, FLORIDA**

CEF-842-B-15



Excavation Completed 11/11/99

Excavation Completed 9/13/99



LEGEND		
	CEF-842-B-15	Monitoring well location and designation
	842 SC - 6	OVA Reading Location and Designation
	CF-842-SS-04	Confirmatory Soil Sample Location and Designation

**Figure 2-1**

Soil Excavation Area

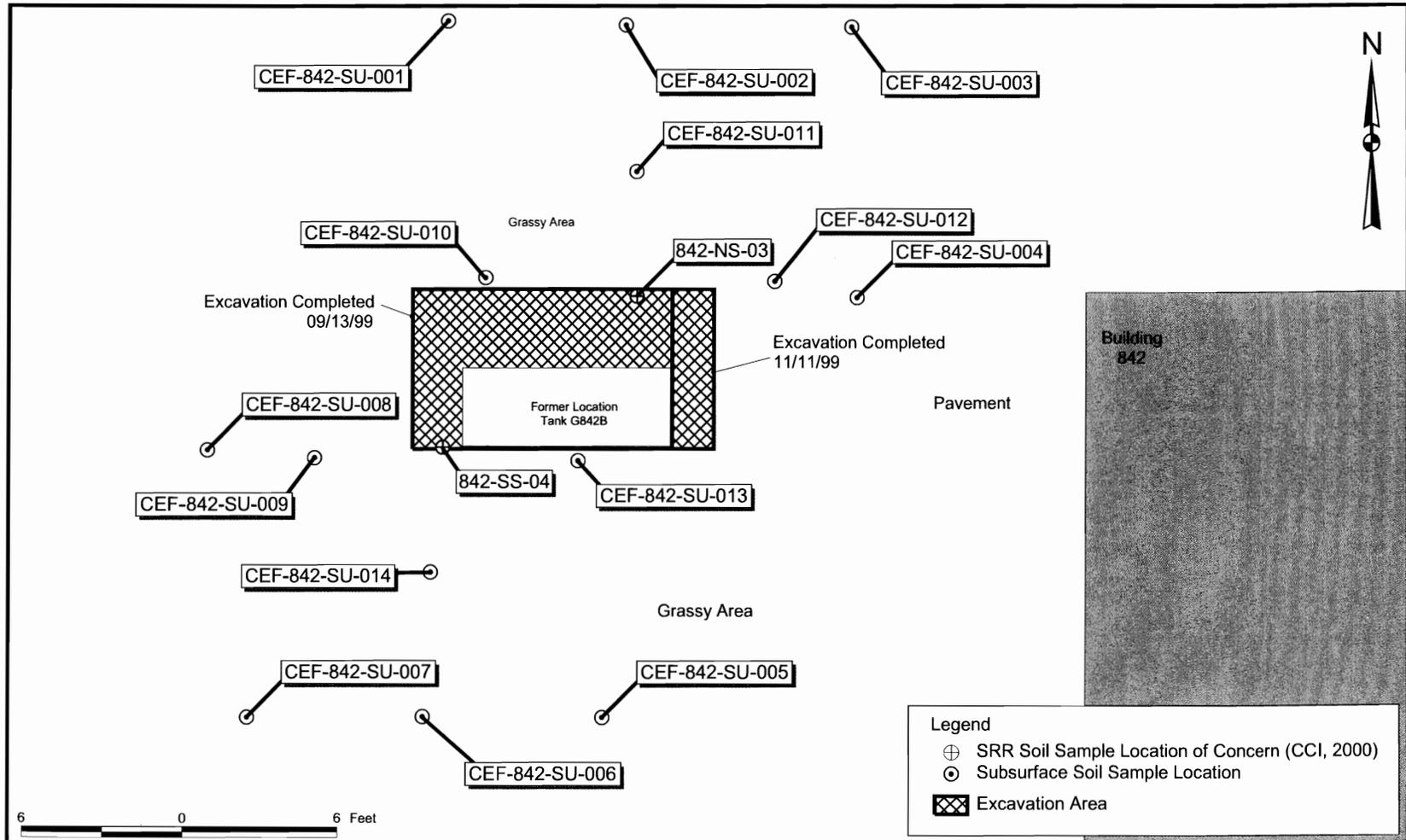
Building 842, Tank G842B Source Removal Report

NAS Cecil Field, Florida

**Table 2-3  
Summary of KAG Analyses for Soil**

Sample Location	Depth	Sample ID	Date	TRPH	Acenaphthene	Acenaphthylene	Anthracene	Benzo a Anthracene	Benzo a Pyrene	Benzo b Fluoranthene	Benzo ghi Perylene	Benzo k Fluoranthene	Chrysene	Dibenzo ah Anthracene	Fluoranthene	Fluorene	Indeno 123cd Pyrene	Phenanthrene	Pyrene	Naphthalene	1 Methyl/naphthalene	2 Methyl/naphthalene	Ethylbenzene	Toluene	Xylenes	MTBE
East Wall (1 <sup>st</sup> dig)	4'	CF-842-ES-01	9/25/99	380	ND	2.1	0.049	2.3	ND	1.3	0.520	1.5	0.950	ND	0.560	0.200	ND	0.078	0.730	ND	1.1	0.710	ND	0.0006	0.0007	ND
West Wall	3'	CF-842-WS-02	9/25/99	3.9	ND	ND	ND	ND	ND	0.011	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0011	0.001	ND
North Wall	3'	CF-842-NS-03	9/25/99	300	0.120	ND	0.042	0.310	0.160	0.220	0.120	0.390	0.063	0.490	ND	ND	0.029	ND	ND	ND	0.320	ND	0.0002	0.0009	0.0007	0.0012
South Wall	4'	CF-842-SS-04	9/25/99	65	0.120	0.240	ND	0.320	0.140	0.280	ND	0.160	0.250	0.095	0.065	ND	ND	ND	0.098	0.120	ND	0.083	ND	0.0009	0.0006	0.0022
Bottom	8'	CF-842-BT-05	9/25/99	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0004	0.0008	0.0018	0.0019
East Wall (2 <sup>nd</sup> dig)	4'	842C-06 E	11/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	0.0038	0.0012	ND
SCTL (Leachability)				340	2.1	27	2500	3.2	8	10	32000	25	77	30	1200	160	28	250	880	1.7	2.2	6.1	0.6	0.5	0.2	0.2

Notes: All contaminant concentrations are reported in milligrams per kilogram (mg/kg)  
 All detection limits were below SCTLs  
 SCTL = soil cleanup target levels per 62-777 FAC  
 TRPH = total recoverable petroleum hydrocarbons  
 KAG = Kerosene Analytical Group.  
 ND = not detected, please refer to analytical laboratory reports in Appendix E for detection limits

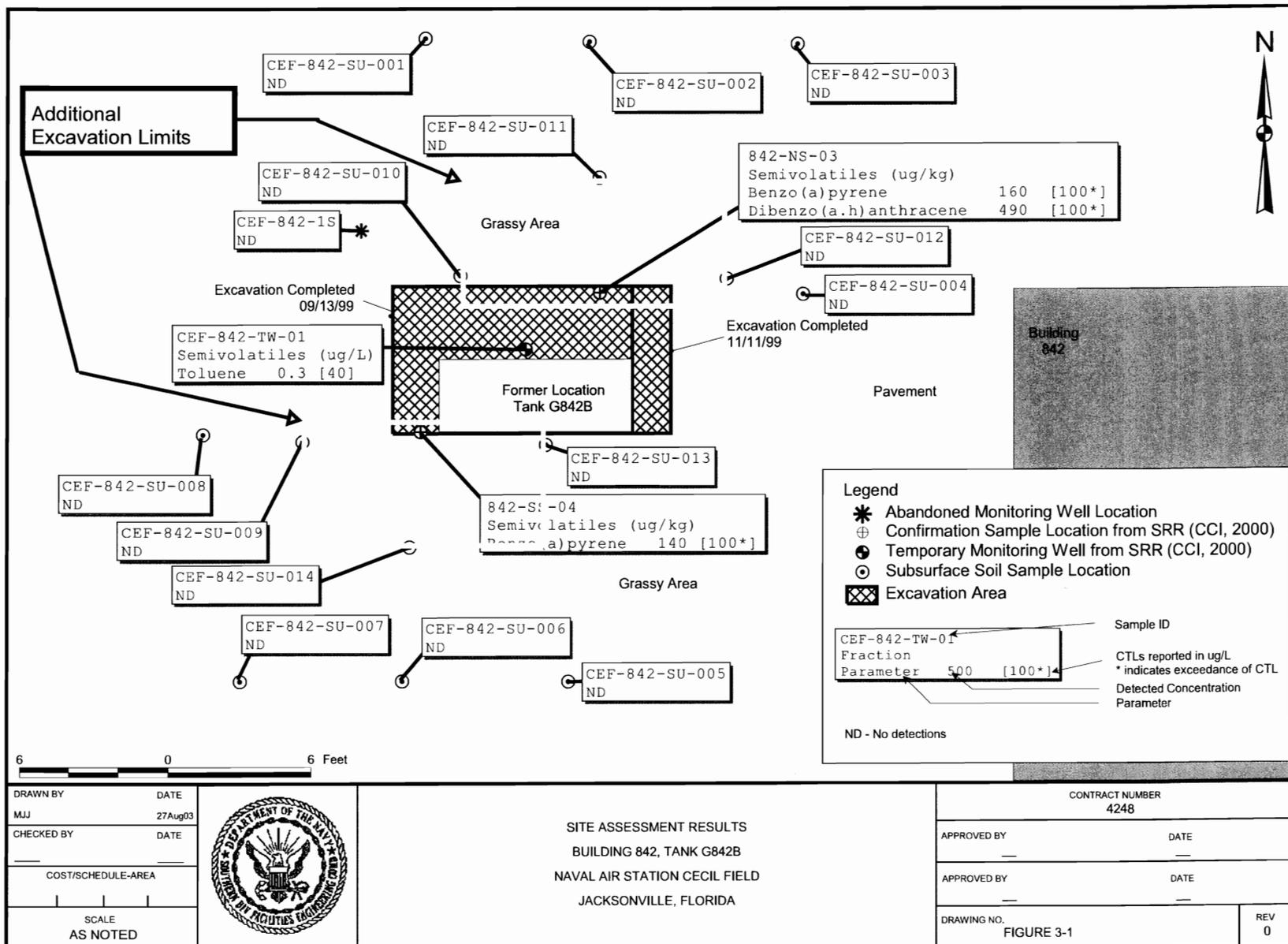


DRAWN BY MJJ	DATE 27Aug03
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



SOIL SAMPLE LOCATIONS  
 BUILDING 842, TANK G842B  
 NAVAL AIR STATION CECIL FIELD  
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 4248	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 2-1	REV 0



<p align="center"><b>Table 3-2</b>  <b>Summary of Soil Sample Analytical Results</b></p> <p align="center">Site Assessment Report            Building 842, UST G842B            Naval Air Station Cecil Field            Jacksonville, Florida</p>									
Sample ID CEF-842-		SU-001-06	SU-002-06	SU-003-06	SU-004-06	SU-005-07	SU-006-06	SU-007-04	
Sample Depth		6 ft bls	6 ft bls	6 ft bls	6 ft bls	7 ft bls	6 ft bls	4 ft bls	
Sample Date		05/07/03	05/07/03	05/07/03	05/07/03	05/07/03	05/07/03	05/07/03	
Compounds	SCTLs <sup>1</sup>								
	Residential	Leachability							
<b>PAHs (mg/kg)</b>									
Acenaphthene	1,900	2.1	<0.200	<0.200	<0.190	<0.180	<0.190	<0.190	<0.180
Acenaphthylene	1,100	27	<0.200	<0.200	<0.190	<0.180	<0.190	<0.190	<0.180
Anthracene	18,000	2,500	<0.200	<0.200	<0.190	<0.180	<0.190	<0.190	<0.180
Benzo(a)anthracene	1.4	3.2	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092
Benzo(a)pyrene	0.1	8	<0.020	<0.020	<0.019	<0.018	<0.019	<0.019	<0.018
Benzo(b)fluoranthene	1.4	10	<0.020	<0.020	<0.019	<0.018	<0.019	<0.019	<0.018
Benzo(g,h,i)perylene	2,300	32,000	<0.020	<0.020	<0.019	<0.018	<0.019	<0.019	<0.018
Benzo(k)fluoranthene	15	25	<0.020	<0.020	<0.019	<0.018	<0.019	<0.019	<0.018
Chrysene	140	77	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092
Dibenzo(a,h)anthracene	0.1	30	<0.020	<0.020	<0.019	<0.018	<0.019	<0.019	<0.018
Fluoranthene	2,900	1,200	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092
Fluorene	2,200	160	<0.200	<0.200	<0.190	<0.180	<0.190	<0.190	<0.180
Indeno(1,2,3-cd)pyrene	1.5	28	<0.020	<0.020	<0.019	<0.018	<0.019	<0.019	<0.018
Naphthalene	40	1.7	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092
1-Methylnaphthalene	68	2.2	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092
2-Methylnaphthalene	80	6.1	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092
Phenanthrene	2,000	250	<0.200	<0.200	<0.190	<0.180	<0.190	<0.190	<0.180
Pyrene	2,200	880	<0.098	<0.100	<0.095	<0.089	<0.094	<0.095	<0.092

See notes at end of table.

<b>Table 3-2 (Continued)</b> <b>Summary of Soil Sample Analytical Results</b>									
Site Assessment Report Building 842, UST G842B Naval Air Station Cecil Field Jacksonville, Florida									
Sample ID CEF-842-		SU-008-04	SU-009-06	SU-010-06	SU-C11-06	SU-012-06	SU-013-06	SU-014-06	
Sample Depth		4 ft bls	6 ft bls	6 ft bls	6 ft bls	6 ft bls	6 ft bls	6 ft bls	6 ft bls
Sample Date		05/07/03	03/30/04	03/30/04	03/30/04	03/30/04	03/30/04	03/30/04	03/30/04
Compounds	SCTLs <sup>1</sup>								
PAHs (mg/kg)	Residential	Leachability							
Acenaphthene	1,900	2.1	<0.190	<0.180	<0.180	<0.200	<0.200	<0.190	<0.210
Acenaphthylene	1,100	27	<0.190	<0.180	<0.180	<0.200	<0.200	<0.190	<0.210
Anthracene	18,000	2,500	<0.190	<0.180	<0.180	<0.200	<0.200	<0.190	<0.210
Benzo(a)anthracene	1.4	3.2	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110
Benzo(a)pyrene	0.1	8	<0.019	<0.018	<0.018	<0.020	<0.020	<0.019	<0.021
Benzo(b)fluoranthene	1.4	10	<0.019	<0.018	<0.018	<0.020	<0.020	<0.019	<0.021
Benzo(g,h,i)perylene	2,300	32,000	<0.019	<0.018	<0.018	<0.020	<0.020	<0.019	<0.021
Benzo(k)fluoranthene	15	25	<0.019	<0.018	<0.018	<0.020	<0.020	<0.019	<0.021
Chrysene	140	77	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110
Dibenzo(a,h)anthracene	0.1	30	<0.019	<0.018	<0.018	<0.020	<0.020	<0.019	<0.021
Fluoranthene	2,900	1,200	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110
Fluorene	2,200	160	<0.190	<0.180	<0.180	<0.200	<0.200	<0.190	<0.210
Indeno(1,2,3-cd)pyrene	1.5	28	<0.019	<0.018	<0.018	<0.020	<0.020	<0.019	<0.021
Naphthalene	40	1.7	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110
1-Methylnaphthalene	68	2.2	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110
2-Methylnaphthalene	80	6.1	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110
Phenanthrene	2,000	250	<0.190	<0.180	<0.180	<0.200	<0.200	<0.190	<0.210
Pyrene	2,200	880	<0.094	<0.090	<0.090	<0.099	<0.098	<0.096	<0.110

**Notes:**  
<sup>1</sup>Established in Chapter 62-777, FAC.  
mg/kg = milligrams per kilogram  
All units are in mg/kg.  
< = less than