N65928.AR.001608
NTC ORLANDO
5090.3a

LETTER REGARDING REGULATORY APPROVAL FOR NO FURTHER ACTION WITH ATTACHED SITE REHABILITATION COMPLETION ORDER FOR STUDY AREA 52 NTC ORLANDO FL
8/1/2008
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blairstone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

August 1, 2008

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

RE: No Further Action Proposal for Study Area 52, Former Naval Training Center, Orlando, Florida

Dear Mr. Ferro:

The Department has completed its review of the No Further Action Proposal for Study Area 52, Former Naval Training Center Orlando, dated February 2006 (received February 6, 2006), prepared and submitted by Tetra Tech NUS, Inc. As agreed to, with the receipt of the executed and recorded deed for the Study Area 52 property on March 5, 2008, the enclosed Site Rehabilitation Completion Order (SRCO) was signed by Mr. Doug Jones, Chief, Bureau of Waste Cleanup.

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

Sincerely,

David P. Grabka

DAVID P. GRABKA
LICENSE
NO. 2192
STATE OF
FLORIDA
PROFESSIONAL GEOLOGIST

David P. Grabka, P.G.
Remedial Project Manager

24 July 2008
date

CC: Tom Lubozynski, FDEP Central District
Greg Fraley, EPA Region 4 (without exhibits)
Sam Naik, CH2M Hill, Atlanta (without exhibits)
Teresa Grayson, Tetra Tech, Oak Ridge

JJC JR ESN ESN

Florida Department of Environmental Protection

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2600 Blair Stone Road
Tallahassee, Florida 32399-2400

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Michael W. Sole
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August 1, 2008

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Commanding Officer
Attention: Mr. Jim Ferro
Department of the Navy
Base Realignment and Closure
Program Management Office Southeast
4130 Faber Place Drive, Suite 202
North Charleston, South Carolina 29405

Subject: **Site Rehabilitation Completion Order (SRCO)**
Study Area 52
Former Naval Training Center Orlando
McCoy Annex
Orlando, Orange County

Dear Mr. Ferro:

The Department has reviewed the No Further Action Proposal (NFA Proposal), dated February 2006, that was prepared by Tetra Tech NUS, Inc., for Study Area 52 at the Former Naval Training Center Orlando, located in Orlando, Florida. Maps showing the location of the Former Naval Training Center Orlando and the former location of the "contaminated site" (i.e., contaminant plume) for which this Order is being issued are enclosed as Exhibits 1 and 2 and are incorporated by reference herein.

The contamination, which resulted from a discharge that was discovered in April 1996, consisted of pesticides (4,4'-DDT, alpha- and gamma-Chlordane, dieldrin and heptachlor). The discharge was discovered during a determination of the environmental condition of property at McCoy Annex that had once had a building, built in the late 1950s or early 1960s, that was used as an entomology laboratory until it was demolished in the early 1980s. The NFA Proposal is supported by earlier submittals, prepared pursuant to CERCLA and the Navy's National Contingency Plan-based Installation Restoration Program, including, but not limited to those documents listed in Exhibit 3.

Based on the documentation submitted with the NFA Proposal and the documents in Exhibit 3, the Department has reasonable assurance that the Navy has met the criteria in Chapter 62-780, Florida Administrative Code (F.A.C.). The submittals indicate that soil and groundwater contaminant concentrations are below the applicable Soil Cleanup Target Levels and Maximum Concentration Limits or Groundwater Cleanup Target Levels as adopted in Chapter 62-777, F.A.C. (Effective date April 17, 2005.) See enclosed table (Exhibit 4), incorporated by reference herein, which includes information regarding the contaminants, affected media, and applicable cleanup target levels for the contaminated site that is the subject of this Order. Therefore, you have satisfied the site rehabilitation requirements for the above-referenced contaminated site and are released from any further obligation to conduct site rehabilitation at the contaminated site, except as set forth below.

Failure to meet the following requirement will result in the revocation of this Order:

(a) 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 Rule 62-532.500(4), F.A.C.

Further, in accordance with Chapter 376.30701(4), Florida Statutes (F.S.), upon completion of site rehabilitation, additional site rehabilitation is not required unless it is demonstrated that:

(a) Fraud was committed in demonstrating site conditions or completion of site rehabilitation;

(b) New information confirms the existence of an area of previously unknown contamination which exceeds the site-specific rehabilitation levels established in accordance with Section 376.30701(2), F.S., or which otherwise poses the threat of real and substantial harm to public health, safety, or the environment;

(c) The level of risk is increased beyond the acceptable risk established under Section 376.30701(2), F.S., due to substantial changes in exposure conditions, such as a change in land use from nonresidential to residential use. Any person who changes the land use of the site, thereby causing the level of risk to increase beyond the acceptable risk level, may be required by the department to undertake additional remediation measures to ensure that human health, public safety, and the environment are protected consistent with Section 376.30701, F.S.; or

(d) A new discharge of pollutants or hazardous substances occurs at the site subsequent to the issuance of this Order.

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, F.S., within **21** days of receipt of this Order. The procedures for petitioning for a 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 this SRCO, 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 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 hearing; or

2. File a petition for administrative hearing with the Department's Agency Clerk in 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 Hearing

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

How to File a Petition for 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 Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida, 32399-3000, within **21** days of receipt of this Order. Petitioner, if different from the Navy, shall mail a copy of the petition to the Navy 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 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 site owner's name and address, if different from the petitioner; the DEP 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 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.

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 Agency Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, 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 thirty days after this order is filed with the clerk of the Department (see below).

Questions

Any questions regarding the Department's review of your NFA Proposal should be directed to David Grabka at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, Mail Station 4535, (850)245-8997, david.grabka@dep.state.fl.us. 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 administrative hearing or request for an extension of time to file a petition for administrative hearing.

Sincerely,

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

DAJ/dg

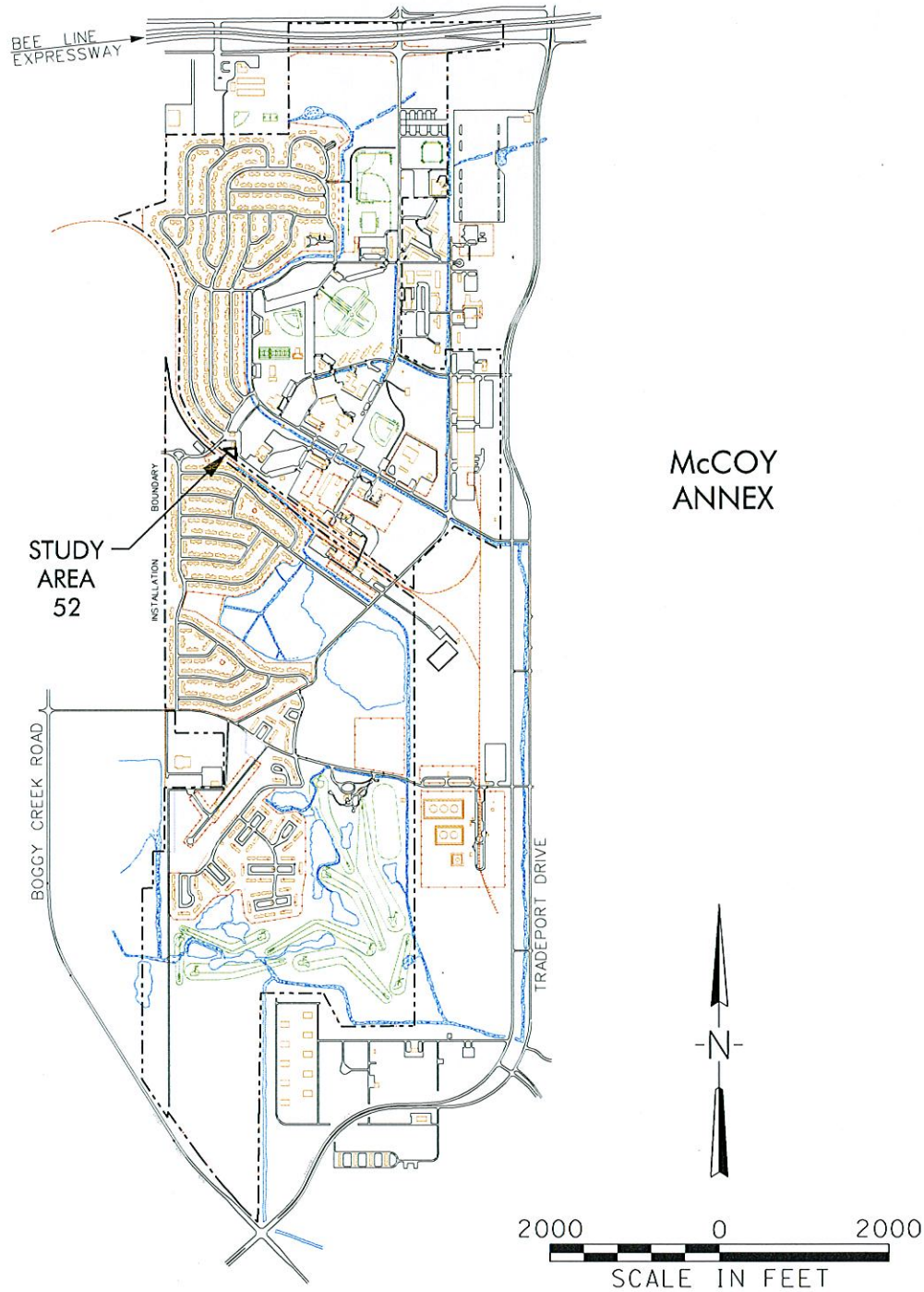
Enclosures (Exhibits 1, 2, 3 and 4)

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

Minnie R Robinson August 1, 2008
Clerk Date
(or Deputy Clerk)

EXHIBIT #1

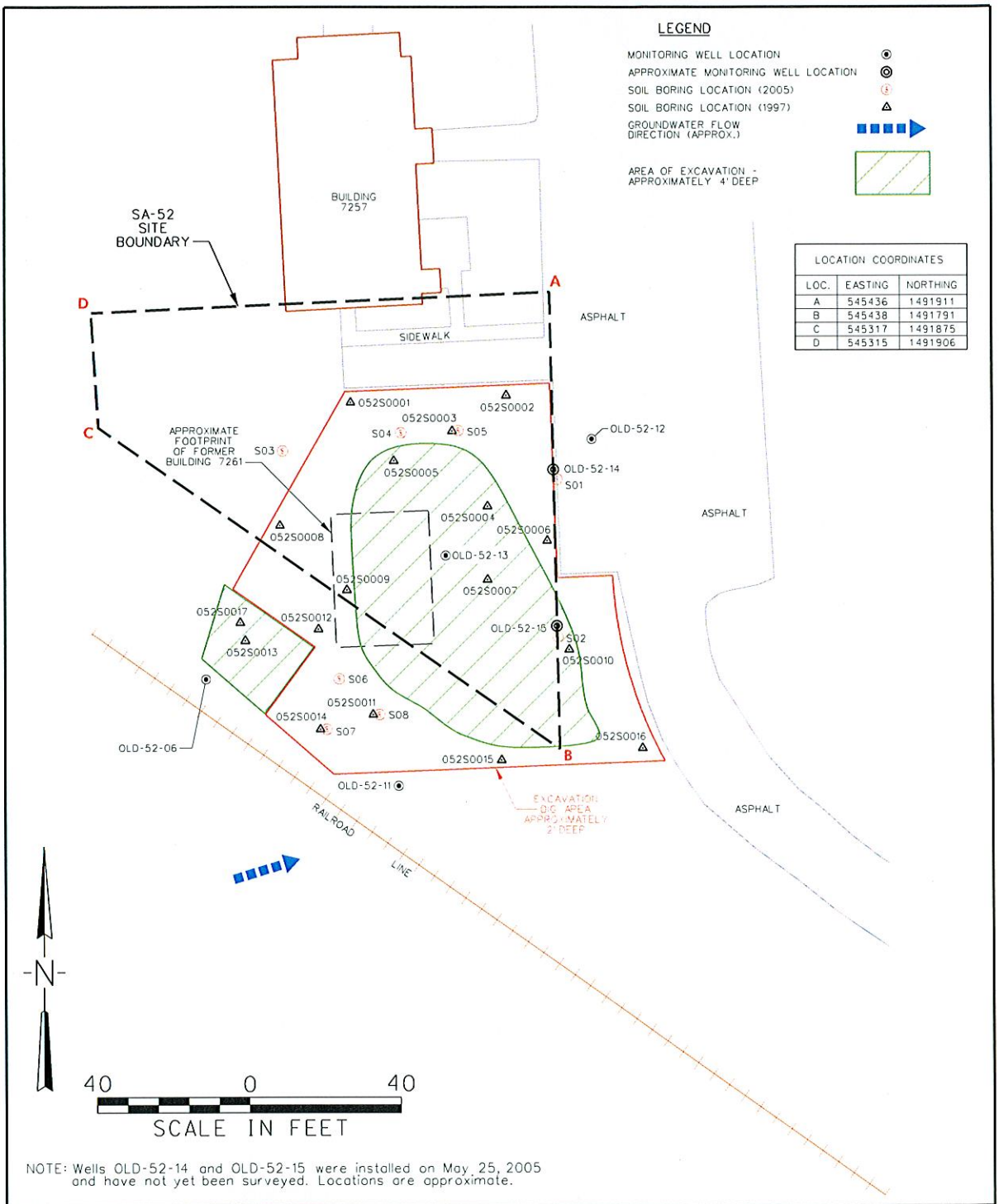
CAD FILE NO./DATE: P:\Oak Ridge Drafting\NTC Orlando\mca-006.dgn 02-27-04 JFF



DRAWN BY JFF DATE 02-27-04	NAVFAC	SITE LOCATION MAP STUDY AREA 52 McCOY ANNEX NAVAL TRAINING CENTER ORLANDO, FLORIDA	CONTRACT NO. N62467-94-D-0888
CHECKED BY TKG DATE 02-27-04			OWNER NO. N4443
REVISED BY --- DATE --------			APPROVED BY --- DATE --------
SCALE AS NOTED			DRAWING NO. FIGURE 1 / REV. 0

EXHIBIT #2

CAD FILE NO./DATE: P:\Oak Ridge Drafting\NTC Orlando\sa52-019H.dgn 10-07-05 JFF



LOCATION COORDINATES		
LOC.	EASTING	NORTHING
A	545436	1491911
B	545438	1491791
C	545317	1491875
D	545315	1491906

NOTE: Wells OLD-52-14 and OLD-52-15 were installed on May 25, 2005 and have not yet been surveyed. Locations are approximate.

DRAWN BY JFF DATE 10-07-05	NAVFAC	SOIL SAMPLE AND MONITORING WELL LOCATIONS STUDY AREA 52 - McCOY ANNEX NAVAL TRAINING CENTER ORLANDO, FLORIDA	CONTRACT NO. N62467-94-D-0888
CHECKED BY TKG DATE 10-07-05			OWNER NO. N8752
REVISED BY --- DATE --------			APPROVED BY --- DATE --------
SCALE AS NOTED			DRAWING NO. FIGURE 2 REV. 0

EXHIBIT #3

Study Area 52 – Naval Training Center Orlando, Florida
Historical Documents supporting NFA decision

ABB (ABB-Environmental Service, Inc.), 1994. *Base Realignment and Closure, Environmental Baseline Survey Report, Naval Training Center, Orlando, Florida*, December.

ABB-ES, 1995. *Site Screening Plan, Former Air Force Sites, Addendum 2, Naval Training Center, Orlando, Florida*, December.

HLA (Harding-Lawson Associates), 1996. *Work Plan, Supplemental Screening, Study Area 52, Former Entomology Laboratory, McCoy Annex, Naval Training Center, Orlando, Florida*, November.

HLA, 1999. *Base Realignment and Closure, Environmental Site Screening Report, Interim Remedial Action, Study Area 52, Naval Training Center, Orlando, Florida*, March.

HLA, 2000. *Environmental Baseline Survey for Transfer, Naval Training Center, Orlando, Florida*, January.

Navy (Department of the Navy), 1997. *Completion Report: Interim Remedial Action for SA 8, SA9, SA 52, Naval Training Center, Orlando, Florida*, November.

Navy, 2004. *Finding of Suitability for Early Transfer, Phase 2, Naval Training Center, Orlando, Florida*, March.

TtNUS (Tetra Tech NUS, Inc.), 1999a. *Work Plan for Groundwater Sampling*. Document No. R4707995, September. USEPA, 1994. *Contract Laboratory Program Nation Functional Guidelines for Organic Data Review.*EPA/540/R-94/012, Office of Solid Waste and Emergency Response, Washington, D.C., February.

TtNUS, 1999b. *Work Plan for Groundwater Sampling, Naval Training Center, Orlando, Florida*, November.

TtNUS, 1999c. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, November.

TtNUS, 2000a. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, January.

TtNUS, 2000b. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, May.

TtNUS, 2000c. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, July.

TtNUS, 2000d. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, October.

TtNUS, 2001a. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, January.

TtNUS, 2001b. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, May.

TtNUS, 2001c. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, August.

TtNUS, 2001d. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, October.

TtNUS, 2002a. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, June.

TtNUS, 2002b. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, September.

TtNUS, 2002c. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, December.

TtNUS, 2003a. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, March.

TtNUS, 2003b. *Groundwater Sampling at Study Area 52, Naval Training Center, Orlando, Florida*, June.

TtNUS, 2005. *Evaluation of RBCA Technical Memorandum – Study Area 52, Naval Training Center, Orlando, Florida*, February.

TtNUS, 2006. *No Further Action Proposal for Study Area 52, Naval Training Center, Orlando, Florida*, February.

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS
CONFIRMATION SAMPLES - PESTICIDES
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

PAGE 1 OF 2

Sample ID	CAS Number	052S0001	052S0002	052S0003	052S0004	052S0005	052S0006	052S0007	052S0008	052S0009	052S0010	052S0011
Sample Depth		2	2	2	4	4	2	4	2	2	4	2
Sample Date		9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97
Pesticides (µg/kg)												
4,4'-DDD	72-54-8	1.3 U	1.3 U	6.6 U	12.8	12300 J	6.6 U	1500	4.65	2.6 U	20.3	7.33 J
4,4'-DDE	72-55-9	1.3 U	1.3 U	6.6 U	3.43	133 U	6.6 U	215 J	2.6 U	2.6 U	6.6 U	54.3
4,4'-DDT	50-29-3	1.3 U	1.45	6.6 U	57.6 U	93000	20.4	15400	3.44	2.6 U	10.3	88.2
Aldrin	309-00-2	0.7 U	0.6U	3.3 U	0.7 U	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	67 U
Chlordane (Total)	(a)	5.2 J	9.47	69.2	88.1	99.9	41.5 U	342	12.1 J	16.5 U	69.6	60.1
alpha-BHC	319-84-6	0.7 U	0.7 U	3.3 U	0.7 U	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
beta-BHC	319-85-7	0.7 U	0.7 U	3.3 U	0.7 U	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
delta-BHC	319-86-8	0.7 U	0.7 U	3.3 U	0.7 U	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
Dieldrin	60-57-1	1.3 U	1.3 U	22.1	10.6	13900	6.6 U	6600 U	3.31	3.09 J	56.1	18.4
Endosulfan-I	959-98-8	0.7 U	0.7 U	3.3 U	0.7 U	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
Endosulfan-II	33213-65-9	1.3 U	1.3 U	6.6 U	1.3 U	133 U	6.6 U	330 U	2.6 U	2.6 U	6.6 U	13 U
Endosulfan sulfate	1031-07-8	1.3 U	1.3 U	6.6 U	1.3 U	133 U	6.6 U	330 U	2.6 U	2.6 U	6.6 U	13 U
Endrin	72-20-8	1.3 U	1.3 U	6.6 U	4.72	133 U	6.6 U	330 U	2.6 U	2.6 U	6.6 U	13 U
Endrin aldehyde	7421-93-4	1.3 U	1.3 U	6.6 U	1.3 U	133 U	6.6 U	330 U	2.6 U	2.6 U	6.6 U	13 U
gamma-BHC (Lindane)	58-89-9	0.7 U	0.7 U	3.3 U	0.7 U	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
Heptachlor	76-44-8	0.7 U	0.7 U	3.3 U	0.851	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
Heptachlor epoxide	1024-57-3	0.7 U	0.7 U	4.53	1.38	66 U	3.3 U	165 U	1.3 U	1.3 U	3.3 U	6.7 U
Methoxychlor	72-43-5	6.7 U	6.7 U	33 U	6.7 U	664 U	33 U	1650 U	13.3	13 U	33 U	67 U
Toxaphene	8001-35-2	33 U	33 U	166 U	33 U	3320 U	166 U	8250 U	66 U	66 U	166 U	333 U

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS
CONFIRMATION SAMPLES - PESTICIDES
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

PAGE 2 OF 2

Sample ID	CAS Number	052S0012	052S0013	052S0014	052S0015	052S0016	052S0016D	052S0017
Sample Depth		2	4	2	2	2	2	2
Sample Date		9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97	9/12/97
Pesticides (µg/kg)								
4,4'-DDD	72-54-8	6.6 U	133 U	6.6 U	6.6 U	1.3 U	2.7 U	8.03 J
4,4'-DDE	72-55-9	2.7 U	133 U	22.6	6.6 U	1.3 U	2.7 U	13 U
4,4'-DDT	50-29-3	14.3	133 U	20.6	6.6 U	1.3 U	2.7 U	13 U
Aldrin	309-00-2	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	5.36 J
Chlordane (Total)	(a)	16.7 U	833 U	8.3 U	41.5 U	6.29 J	15.7 J	81.3 U
alpha-BHC	319-84-6	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	65 U
beta-BHC	319-85-7	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	65 U
delta-BHC	319-86-8	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	65 U
Dieldrin	60-57-1	2.7 U	526	20.9	6.6 U	1.3 U	2.7 U	8.09 J
Endosulfan-I	959-98-8	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	6.5 U
Endosulfan-II	33213-65-9	2.7 U	133 U	6.6 U	6.6 U	1.3 U	2.7 U	13 U
Endosulfan sulfate	1031-07-8	2.7 U	133 U	6.6 U	6.6 U	1.3 U	2.7 U	13 U
Endrin	72-20-8	2.7 U	133 U	6.6 U	6.6 U	1.3 U	2.7 U	13 U
Endrin aldehyde	7421-93-4	2.7 U	133 U	6.6 U	6.6 U	1.3 U	2.7 U	13 U
gamma-BHC (Lindane)	58-89-9	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	65 U
Heptachlor	76-44-8	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	6.5 U
Heptachlor epoxide	1024-57-3	1.3 U	66.6 U	3.3 U	3.3 U	0.7 U	1.3 U	6.5 U
Methoxychlor	72-43-5	13.3 U	666 U	33 U	33 U	6.7 U	13.3 U	65 U
Toxaphene	8001-35-2	66 U	3330 U	166 U	166 U	33 U	66 U	325 U

Notes:
(a) 12789-03-6 or 57-74-9.
J qualifier indicates an estimated value.
Sample depth in feet below ground surface.
U qualifier indicates a non-detect value.

TABLE 3

VALIDATED SOIL ANALYTICAL RESULTS - MAY 2005
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Sample ID	CAS Number	Florida SCTL		NTC52S040204	NTC52S050204	NTC52S060204	NTC52S070204	NTC52S080204
Sample Interval		Residential [a]	Leachability [a]	2 to 4 feet bgs	2 to 4 feet bgs	2 to 4 feet bgs	2 to 4 feet bgs	2 to 4 feet bgs
Sample Date				5/25/05	5/25/05	5/25/05	5/25/05	5/25/05
Pesticides (µg/kg)								
4,4'-DDD	72-54-8	4200	5800	3.7 U	3.8 U	2 J	3.5 U	3.6 U
4,4'-DDE	72-55-9	2900	18000	3.7 U	3.8 U	2.8 J	3 J	3.6 U
4,4'-DDT	50-29-3	2900	11000	3.7 U	3.8 U	2.2 J	5.4	3.6 U
Aldrin	309-00-2	60	200	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
alpha-BHC	319-84-6	100	0.3	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
alpha-Chlordane [b]	5103-71-9	2800	9600	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
beta-BHC	319-85-7	500	1	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
delta-BHC	319-86-8	24000	200	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
Dieldrin	60-57-1	60	9[d]	1.9 U	1.9 U	1.8	3.6	1.8 U
Endosulfan-I [c]	959-98-8	450000	3800	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
Endosulfan-II [c]	33213-65-9	450000	3800	3.7 U	3.8 U	3.7 U	3.5 U	3.6 U
Endosulfan sulfate [c]	1031-07-8	450000	3800	3.7 U	3.8 U	3.7 U	3.5 U	3.6 U
Endrin	72-20-8	25000	1000	3.7 U	3.8 U	3.7 U	3.5 U	3.6 U
Endrin aldehyde	7421-93-4	*	*	3.7 U	3.8 U	3.7 U	3.5 U	3.6 U
Endrin ketone	53494-70-5	*	*	3.7 U	3.8 U	3.7 U	3.5 U	3.6 U
gamma-BHC (Lindane)	58-89-9	700	9	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
gamma-Chlordane[b]	5566-34-7	2800	9600	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
Heptachlor	76-44-8	200	23000	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
Heptachlor epoxide	1024-57-3	100	600	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U
Methoxychlor	72-43-5	420000	160000	3.7 U	3.8 U	3.7 U	3.5 U	3.6 U
Toxaphene	8001-35-2	900	31000	190 U	190 U	180 U	180 U	180 U

Notes:

[a] Soil Cleanup Target Level, Final Technical Report, Development of Cleanup Target Levels (CTLs) for Chapter 62-777, FAC, February 2005.

[b] SCTL for total Chlordane (alpha and gamma).

[c] SCTL for total Endosulfan (I, II, and sulfate) CAS #115-29-7.

[d] Site-specific leachability SCTL. Supporting calculations provided in Attachment D.

* No SCTL.

bgs - Below ground surface.

J qualifier indicates an estimated value.

U qualifier indicates a non-detect value.

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-13			OLD-52-14	OLD-52-15
Sample ID		Florida	NTC52G01325-D	NTC52G01326	NTC52G01326-D	NTC52G01426	NTC52G01526
Sample Date		GCTL[a]	1/21/05	6/2/05	6/2/05	6/2/05	6/2/05
Pesticides/PCBs (µg/L)							
4,4'-DDD	72-54-8	0.1	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0093 J
4,4'-DDE	72-55-9	0.1	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
4,4'-DDT	50-29-3	0.1	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.041 U
Aldrin	309-00-2	0.002	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
alpha-BHC	319-84-6	0.006	0.0019 U	0.0014 U	0.0014 U	0.0015 U	0.0061 U
alpha-Chlordane	5103-71-9	*	0.0019 U	0.0032 J	0.0057	0.0037 J	0.035
beta-BHC	319-85-7	0.02	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
Chlordane	57-74-9	2					
delta-BHC	319-86-8	2.1	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
Dieldrin	60-57-1	0.002	**0.01**	**0.021**	**0.022**	**0.0038 J**	**0.019 J**
Endosulfan I	959-98-8	*	0.0019 U	0.00096 U	0.00096 U	0.001 U	0.0041 U
Endosulfan II	33213-65-9	*	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
Endosulfan Sulfate	1031-07-8	*	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
Endrin	72-20-8	2	0.0038 U	0.0038 U	0.0038 U	0.004 U	0.016 U
Endrin Aldehyde	7421-93-4	*	0.0077 U	0.0038 U	0.0038 U	0.004 U	0.016 U
Endrin Ketone	53494-70-5	*	0.0038 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
gamma-BHC (Lindane)	58-89-9	0.2	0.0019 U	0.0014 U	0.0014 U	0.0015 U	0.0061 U
gamma-Chlordane	5103-74-2	*	0.0019 U	0.0017 J	0.0017 J	0.001 U	0.023
Heptachlor	76-44-8	0.4	0.0019 U	0.0019 U	0.0019 U	0.002 U	0.0082 U
Heptachlor Epoxide	1024-57-3	0.2	0.0019 U	0.00096 U	0.00096 U	0.001 U	0.0084 J
Methoxychlor	72-43-5	40	0.0077 U	0.0038 U	0.0038 U	0.004 U	0.016 U
Toxaphene	8001-35-2	3	0.24 U	0.12 U	0.12 U	0.13 U	0.51 U

Notes:
* Screening criterion not available.
[a] Groundwater Cleanup Target Level [Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, FAC, February 2005].
D indicates a duplicate sample.
Empty cells indicate parameter not analyzed.
F indicates filtered sample.
J qualifier indicates an estimated value.
NQ qualifier indicates not quantified.
P qualifier indicates uncertainty near the detection limit.
R qualifier indicates a rejected value.
U qualifier indicates a non-detect value.
UJ qualifier indicates an estimated non-detect value.
UR qualifier indicates a rejected non-detect value.
Values in shaded cells meet or exceed the screening criteria.

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-11								
Sample ID		Florida	S7759081	NTC52G01110	NTC52G01111	NTC52G01112	NTC52G01113	NTC52G01114	NTC52G01115	NTC52G01116	NTC52G01117
Sample Date		GCTL[a]	10/16/97	7/27/99	10/24/99	1/21/00	4/12/00	7/16/00	10/25/00	1/28/01	4/29/01
Pesticides/PCBs (µg/L)											
4,4'-DDD	72-54-8	0.1	0.1 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
4,4'-DDE	72-55-9	0.1	0.1 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
4,4'-DDT	50-29-3	0.1	0.1 U	0.050 U	0.05 U	0.05 UJ	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
Aldrin	309-00-2	0.002	0.05 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
alpha-BHC	319-84-6	0.006	0.05 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
alpha-Chlordane	5103-71-9	*	NQ	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
beta-BHC	319-85-7	0.02	0.05 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
Chlordane	57-74-9	2	0.5 U								
delta-BHC	319-86-8	2.1	0.05 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
Dieldrin	60-57-1	0.002	0.1 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
Endosulfan I	959-98-8	*	0.05 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
Endosulfan II	33213-65-9	*	0.1 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
Endosulfan Sulfate	1031-07-8	*	0.1 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
Endrin	72-20-8	2	0.1 U	0.050 U	0.05 UJ	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
Endrin Aldehyde	7421-93-4	*	0.1 U	0.030 J	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
Endrin Ketone	53494-70-5	*		0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.10 U	0.1 U
gamma-BHC (Lindane)	58-89-9	0.2	0.05 U	0.050 U	0.05 U	0.05 UJ	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
gamma-Chlordane	5103-74-2	*	NQ	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
Heptachlor	76-44-8	0.4	0.05 U	0.050 U	0.05 U	0.05 UJ	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
Heptachlor Epoxide	1024-57-3	0.2	0.05 U	0.050 U	0.05 U	0.05 U	0.05 UR	0.050 U	0.050 U	0.050 U	0.05 U
Methoxychlor	72-43-5	40	0.5 U	0.10 U	0.1 UJ	0.1 UJ	0.1 UR	0.10 U	0.10 U	0.50 U	0.5 U
Toxaphene	8001-35-2	3	5 U	2.0 U	2 U	2 U	2 UR	2.0 UJ	2.0 U	1.0 U	1 U

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-11							
Sample ID		Florida	NTC52G01118	NTC52G01119	NTC52G01120	NTC52G01121	NTC52G01121-F	NTC52G01122	NTC52G01123	NTC52G01124
Sample Date		GCTL[a]	7/16/01	3/24/02	6/25/02	9/13/02	9/13/02	12/15/02	3/26/03	2/10/04
Pesticides/PCBs (µg/L)										
4,4'-DDD	72-54-8	0.1	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
4,4'-DDE	72-55-9	0.1	0.012 J	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
4,4'-DDT	50-29-3	0.1	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
Aldrin	309-00-2	0.002	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
alpha-BHC	319-84-6	0.006	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
alpha-Chlordane	5103-71-9	*	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
beta-BHC	319-85-7	0.02	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.004 U	0.01 U
Chlordane	57-74-9	2				0.50 U	0.50 U		0.052 U	
delta-BHC	319-86-8	2.1	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.004 U	0.01 U
Dieldrin	60-57-1	0.002	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.002 U	0.005 U
Endosulfan I	959-98-8	*	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
Endosulfan II	33213-65-9	*	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
Endosulfan Sulfate	1031-07-8	*	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
Endrin	72-20-8	2	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
Endrin Aldehyde	7421-93-4	*	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.008 U	0.02 U
Endrin Ketone	53494-70-5	*	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.010 U	0.004 U	0.01 U
gamma-BHC (Lindane)	58-89-9	0.2	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
gamma-Chlordane	5103-74-2	*	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
Heptachlor	76-44-8	0.4	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010	0.002 U	0.005 U
Heptachlor Epoxide	1024-57-3	0.2	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.010 U	0.002 U	0.005 U
Methoxychlor	72-43-5	40	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.010 U	0.008 U	0.02 U
Toxaphene	8001-35-2	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.10 U	0.26 U	0.63 U

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-11	OLD-52-12						
Sample ID		Florida GCTL[(a)]	NTC52G01125	S7759082	NTC52G01210	NTC52G01210-D	NTC52G01211	NTC52G01212	NTC52G01213	NTC52G01213-D
Sample Date			1/21/05	10/16/97	7/27/99	7/27/99	10/24/99	1/21/00	4/12/00	4/12/00
Pesticides/PCBs (µg/L)										
4,4'-DDD	72-54-8	0.1	0.0038 U	0.1 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDE	72-55-9	0.1	0.0038 U	0.1 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	50-29-3	0.1	0.0038 U	0.1 U	0.050 U	0.050 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Aldrin	309-00-2	0.002	0.0019 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
alpha-BHC	319-84-6	0.006	0.0019 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	5103-71-9	*	0.0019 U	NQ	0.017 R	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	319-85-7	0.02	0.0038 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
Chlordane	57-74-9	2		0.5 U						
delta-BHC	319-86-8	2.1	0.0038 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	60-57-1	0.002	0.0019 U	0.1 U	0.081	0.069	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan I	959-98-8	*	0.0019 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	33213-65-9	*	0.0038 U	0.1 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan Sulfate	1031-07-8	*	0.0038 U	0.1 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
Endrin	72-20-8	2	0.0038 U	0.1 U	0.050 U	0.050 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Endrin Aldehyde	7421-93-4	*	0.0077 U	0.1 U	0.050 U	0.018 J	0.05 U	0.05 U	0.05 U	0.05 U
Endrin Ketone	53494-70-5	*	0.0038 U		0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (Lindane)	58-89-9	0.2	0.0019 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 UJ	0.05 U	0.05 U
gamma-Chlordane	5103-74-2	*	0.0019 U	NQ	0.011 J	0.007 J	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	76-44-8	0.4	0.0019 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Heptachlor Epoxide	1024-57-3	0.2	0.0019 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	72-43-5	40	0.0077 U	0.5 U	0.10 U	0.10 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Toxaphene	8001-35-2	3	0.24 U	5 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-12							
Sample ID		Florida	NTC52G01214	NTC52G01215	NTC52G01216	NTC52G01217	NTC52G01218	NTC52G01219	NTC52G01220	NTC52G01221
Sample Date		GCTL[a]	7/16/00	10/25/00	1/28/01	4/29/01	7/16/01	3/24/02	6/25/02	9/13/02
Pesticides/PCBs (µg/L)										
4,4'-DDD	72-54-8	0.1	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	72-55-9	0.1	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	50-29-3	0.1	0.050 U	0.050 UJ	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	309-00-2	0.002	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-BHC	319-84-6	0.006	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	5103-71-9	*	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
beta-BHC	319-85-7	0.02	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
Chlordane	57-74-9	2								0.50 U
delta-BHC	319-86-8	2.1	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
Dieldrin	60-57-1	0.002	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	959-98-8	*	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	33213-65-9	*	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	1031-07-8	*	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	72-20-8	2	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Aldehyde	7421-93-4	*	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	53494-70-5	*	0.050 U	0.050 U	0.10 U	0.1 U	0.10 U	0.10 U	0.10 U	0.10 U
gamma-BHC (Lindane)	58-89-9	0.2	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	5103-74-2	*	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor	76-44-8	0.4	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor Epoxide	1024-57-3	0.2	0.050 U	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	72-43-5	40	0.10 U	0.10 U	0.50 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	8001-35-2	3	2.0 UJ	2.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-12						OLD-52-13		
Sample ID		Florida	NTC52G01221-F	NTC52G01222	NTC52G01223	NTC52G01223-D	NTC52G01224	NTC52G01225	S7759083	NTC52G01310	NTC52G01311
Sample Date		GCTL[a]	9/13/02	12/15/02	3/26/03	3/26/03	2/10/04	1/21/05	10/16/97	7/27/99	10/24/99
Pesticides/PCBs (µg/L)											
4,4'-DDD	72-54-8	0.1	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	2.5 U	0.050 U	0.05 U
4,4'-DDE	72-55-9	0.1	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	2.5 U	0.050 U	0.05 U
4,4'-DDT	50-29-3	0.1	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	2.5 U	0.050 U	0.05 U
Aldrin	309-00-2	0.002	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	1.2 U	0.050 UJ	0.05 U
alpha-BHC	319-84-6	0.006	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	1.2 U	0.050 UJ	0.05 U
alpha-Chlordane	5103-71-9	*	0.050 U	0.010 U	0.003 J	0.003 J	0.0051 U	0.0019 U	NQ	0.050 U	0.05 U
beta-BHC	319-85-7	0.02	0.050 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	1.2 U	0.012 R	0.05 U
Chlordane	57-74-9	2	0.50 U		0.052 U	0.052 U			12 U		
delta-BHC	319-86-8	2.1	0.050 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	1.2 U	0.050 U	0.05 U
Dieldrin	60-57-1	0.002	0.10 U	0.010 U	**0.015**	**0.011**	0.0051 U	0.0019 U	**5.6 P**	0.050 U	**0.027 J**
Endosulfan I	959-98-8	*	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	1.2 U	0.050 U	0.05 U
Endosulfan II	33213-65-9	*	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	2.5 U	0.050 U	0.05 U
Endosulfan Sulfate	1031-07-8	*	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	2.5 U	0.050 U	0.05 U
Endrin	72-20-8	2	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U	2.5 U	0.050 U	0.05 UJ
Endrin Aldehyde	7421-93-4	*	0.10 U	0.010 U	0.008 U	0.008 U	0.02 U	0.0076 U	2.5 U	0.050 U	0.05 U
Endrin Ketone	53494-70-5	*	0.10 U	0.010 U	0.004 U	0.004 U	0.01 U	0.0038 U		0.050 U	0.05 U
gamma-BHC (Lindane)	58-89-9	0.2	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	1.2 U	0.050 UJ	0.05 U
gamma-Chlordane	5103-74-2	*	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	NQ	0.050 U	0.05 U
Heptachlor	76-44-8	0.4	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	1.2 U	0.050 UJ	0.05 U
Heptachlor Epoxide	1024-57-3	0.2	0.050 U	0.010 U	0.002 U	0.002 U	0.0051 U	0.0019 U	1.2 U	0.050 U	0.05 U
Methoxychlor	72-43-5	40	0.50 U	0.010 U	0.008 U	0.008 U	0.02 U	0.0076 U	12 U	0.10 UJ	0.1 UJ
Toxaphene	8001-35-2	3	1.0 U	0.10 U	0.26 U	0.26 U	0.64 U	0.24 U	120 U	2.0 U	2 U

TABLE 4

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
STUDY AREA 52

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

Well Designation	CAS NUMBER	Screening Criteria	OLD-52-13							
Sample ID		Florida	NTC52G01321-F	NTC52G01321-F-D	NTC52G01322	NTC52G01322-D	NTC52G01323	NTC52G01324	NTC52G01324-D	NTC52G01325
Sample Date		GCTL[a]	9/13/02	9/13/02	12/15/02	12/15/02	3/26/03	2/10/04	2/10/04	1/21/05
Pesticides/PCBs (µg/L)										
4,4'-DDD	72-54-8	0.1	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
4,4'-DDE	72-55-9	0.1	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
4,4'-DDT	50-29-3	0.1	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
Aldrin	309-00-2	0.002	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
alpha-BHC	319-84-6	0.006	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
alpha-Chlordane	5103-71-9	*	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0074 J	0.0071 J	0.0019 U
beta-BHC	319-85-7	0.02	0.050 U	0.050 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
Chlordane	57-74-9	2	0.50 U	0.50 U			0.052 U			
delta-BHC	319-86-8	2.1	0.050 U	0.050 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
Dieldrin	60-57-1	0.002	0.10 U	0.10 U	0.010 J	0.010 J	0.002 U	0.09	0.085	0.0094 J
Endosulfan I	959-98-8	*	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
Endosulfan II	33213-65-9	*	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
Endosulfan Sulfate	1031-07-8	*	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
Endrin	72-20-8	2	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
Endrin Aldehyde	7421-93-4	*	0.10 U	0.10 U	0.010 U	0.010 U	0.008 U	0.02 U	0.02 U	0.0077 U
Endrin Ketone	53494-70-5	*	0.10 U	0.10 U	0.010 U	0.010 U	0.004 U	0.01 U	0.01 U	0.0038 U
gamma-BHC (Lindane)	58-89-9	0.2	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
gamma-Chlordane	5103-74-2	*	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
Heptachlor	76-44-8	0.4	0.050 U	0.050 U	0.010	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
Heptachlor Epoxide	1024-57-3	0.2	0.050 U	0.050 U	0.010 U	0.010 U	0.002 U	0.0051 U	0.0051 U	0.0019 U
Methoxychlor	72-43-5	40	0.50 U	0.50 U	0.010 U	0.010 U	0.008 U	0.02 U	0.02 U	0.0077 U
Toxaphene	8001-35-2	3	1.0 U	1.0 U	0.10 U	0.10 U	0.26 U	0.63 U	0.63 U	0.24 U