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LETTER REGARDING ADDITIONAL INFORMATION SUPPORTING DRAFT REMEDIAL  
INVESTIGATION AT LAKE DRUID AT OPERABLE UNIT 4 (OU 4) NTC ORLANDO FL  
11/15/1999  
HARDING LAWSON ASSOCIATES

Harding Lawson Associates

November 15, 1999

02545.031



Commanding Officer  
Southern Division  
Naval Facilities Engineering Command  
ATTN: Barbara Nwokike, Code 1873  
2155 Eagle Drive  
Charleston, SC 29406

**SUBJECT: Operable Unit (OU) 4 Remedial Investigation  
Lake Druid PAHs  
Naval Training Center (NTC), Orlando, Florida  
CTO 135, Contract No. N62467-89-D-031/135**

Dear Ms. Nwokike:

At the October 18, 1999 Orlando Partnering Team (OPT) meeting, HLA distributed a memorandum comparing PAH and pesticide concentrations in Lake Druid sediment to similar data collected statewide by the Florida Department of Environmental Protection (FDEP). The memorandum referenced three figures, two of which were not available at the meeting. These two figures are enclosed with this letter.

The October 18 memo concluded that the concentrations of PAHs and pesticides detected in Lake Druid were introduced by urban stormwater discharged to the lake, as opposed to Navy activities at Area C and OU 4. On October 27, 1999, FDEP issued a letter concurring with this conclusion, and agreeing that PAHs, PCBs, and pesticides may be screened off the COPC list for the OU 4 ecological risk assessment. HLA assumes that USEPA has also concurred, based on a verbal agreement reached in a conference call with the Navy and HLA on September 2, 1999. USEPA agreed to abide by FDEP's decision regarding these compounds in the lake.

If you should have any questions, or if you wish to discuss this topic further, please do not hesitate to call me at (781) 245-6606.

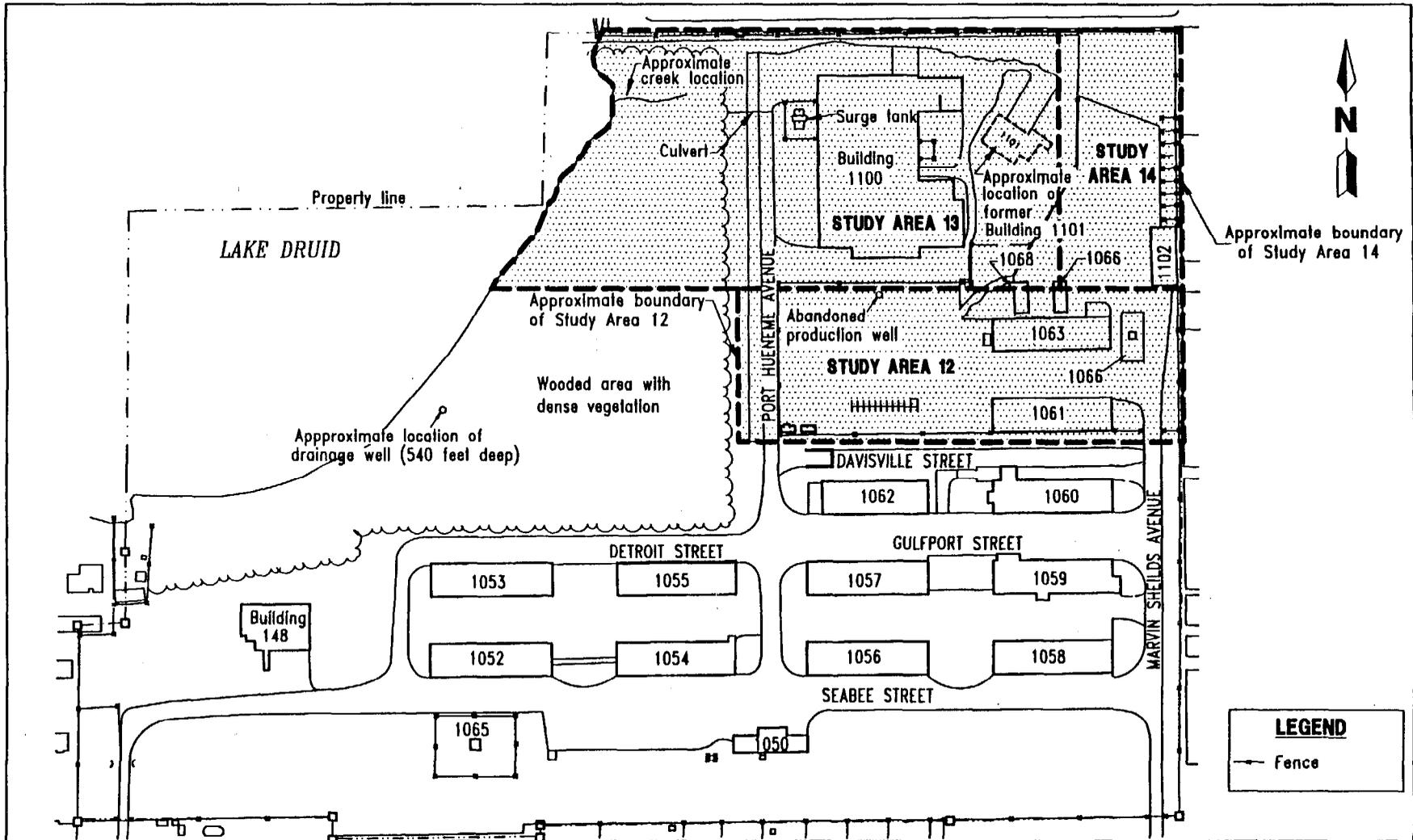
Very Truly Yours,

**HARDING LAWSON ASSOCIATES**

Mark J. Salvetti, P.E.  
Technical Lead

cc: File  
Wayne Hansel, Southern Division  
Nancy Rodriguez, USEPA Region IV  
David Grabka, FDEP  
Steve McCoy, Tetra Tech

Alan Aikens, CH2M HILL  
John Kaiser (HLA)  
Rick Allen (HLA)



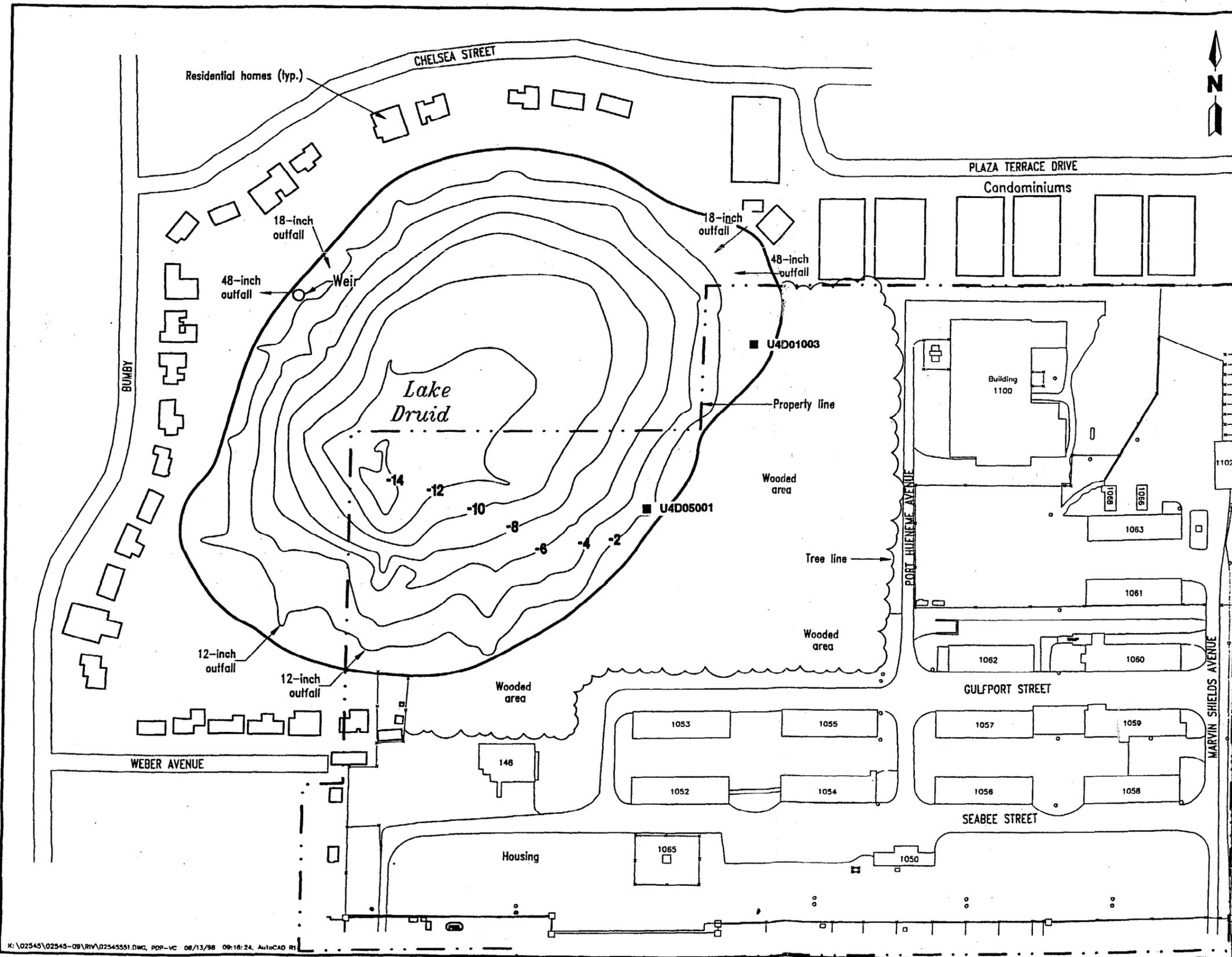
FINAL DRAFT

0 125 250  
 SCALE: 1 INCH = 250 FEET

**FIGURE 1**  
**LAKE DRUID AND AREA C**  
**STUDY AREAS 12, 13, AND 14**  
**(OPERABLE UNIT 4)**



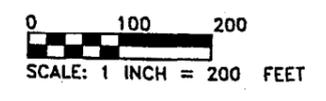
**OPERABLE UNIT 4**  
**NAVAL TRAINING CENTER**  
**ORLANDO, FLORIDA**



**Lake Druid Bathymetric Parameters**

Maximum length	1,260 feet
Maximum width	860 feet
Mean width	660 feet
Water surface area	833,000 square feet
Lake bottom surface area	834,000 square feet
Volume	208,000 cubic yard
Maximum depth	14.6 feet
Mean depth	6.7 feet
Relative depth	1.4 percent
Shoreline	3,400 feet

**LEGEND**  
 -2- Lake depth in feet



**FIGURE 2  
 LAKE DRUID  
 BATHYMETRIC DETAIL WITH  
 ASSOCIATED SURFACE WATER FEATURES**



**OPERABLE UNIT 4  
 NAVAL TRAINING CENTER  
 ORLANDO, FLORIDA**

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