N60201.AR.000164
NS MAYPORT
5090.3a

LETTER REGARDING CLEANUP OF DRY CLEANING FLUID SPILL AT BUILDING 191 ON 4 MAY 1994 NS MAYPORT FL
8/12/1994
NAVAL STATION MAYPORT

Naval Station Mayport
Administrative Record
09.01.00.0074

193

DEPARTMENT OF THE NAVY

NAVAL STATION

MAYPORT, FLORIDA 32228-0112

Bureau of Waste Cleanup

IN REPLY REFER TO:
5090.10
Ser N4E/

AUG 12 1994

10 AUG 1994

Technical Review Section

Mr. Ernest Frey
Northeast District
Florida Department of Environmental Protection
7825 Bay Meadows Way, Suite B-200
Jacksonville, FL 32256

Subj: DRY CLEANING FLUID SPILL
MAY 4, 1993, AT BUILDING 191

Dear Mr. Frey:

On May 4, 1993, a spill of tetrachloroethylene occurred and was immediately cleaned up. The spill occurred while relocating drums in Building 191, Fleet Industrial Supply Center, Fleet Support Center, Mayport. Please reference Naval Station Mayport letter 5090, Ser N4E2/00110 of August 26, 1993, which provided initial report of spill and analysis.

As requested by your office, additional chemical analysis was performed on the asphalt, limerock, and soil. The results are enclosed and show the area is clean of contamination and requires no further action.

Naval Station Mayport requests written concurrence from you, stating that the area requires no further clean up. If you have any questions, please contact Mr. Michael Davenport, N4E, at 904-270-6730.

Sincerely,

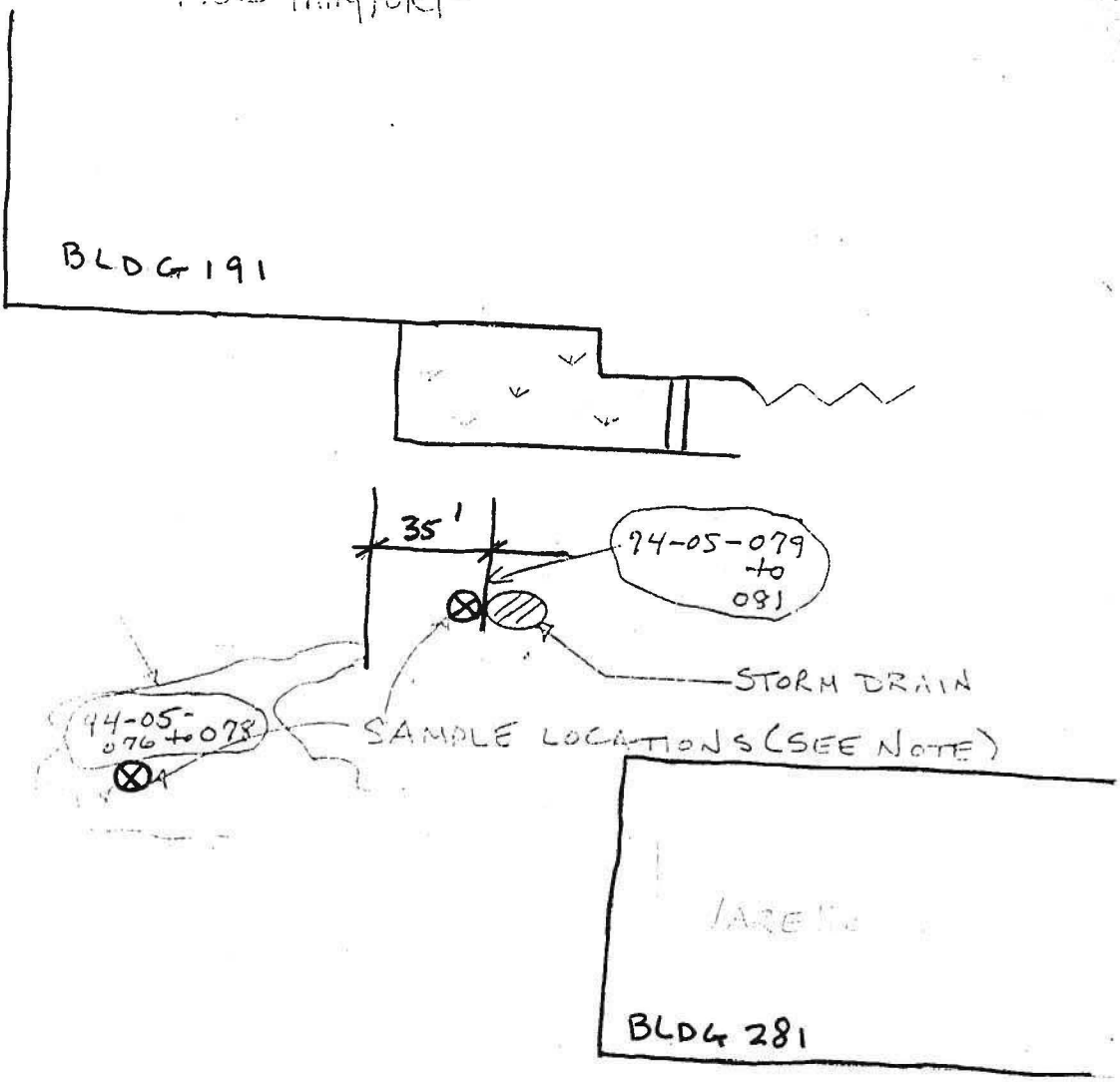
Douglas P. Tomlinson

DOUGLAS P. TOMLINSON
Lieutenant Commander, CEC
Staff Civil Engineer
By direction of
the Commanding Officer

Encl:
(1) Site map
(2) Analysis Results 94-05-076, 077, 078, 079, 080, 081 and Chain of Custody

Copy to:
FDEP Tallahassee (Mr. Eric Nuzie)
FDEP Northeast District (Mr. Kent [illegible])
FISC Jacksonville
FISC Jacksonville FSC Mayport
COMNAVBASE Jacksonville (N3)

BLDG 191, TF 24030
FISC MAYPORT



1. ASPHALT SAMPLE
2. LIMEROCK SAMPLE

APPROX. DEPTH
0

MAYPORT 554 NH

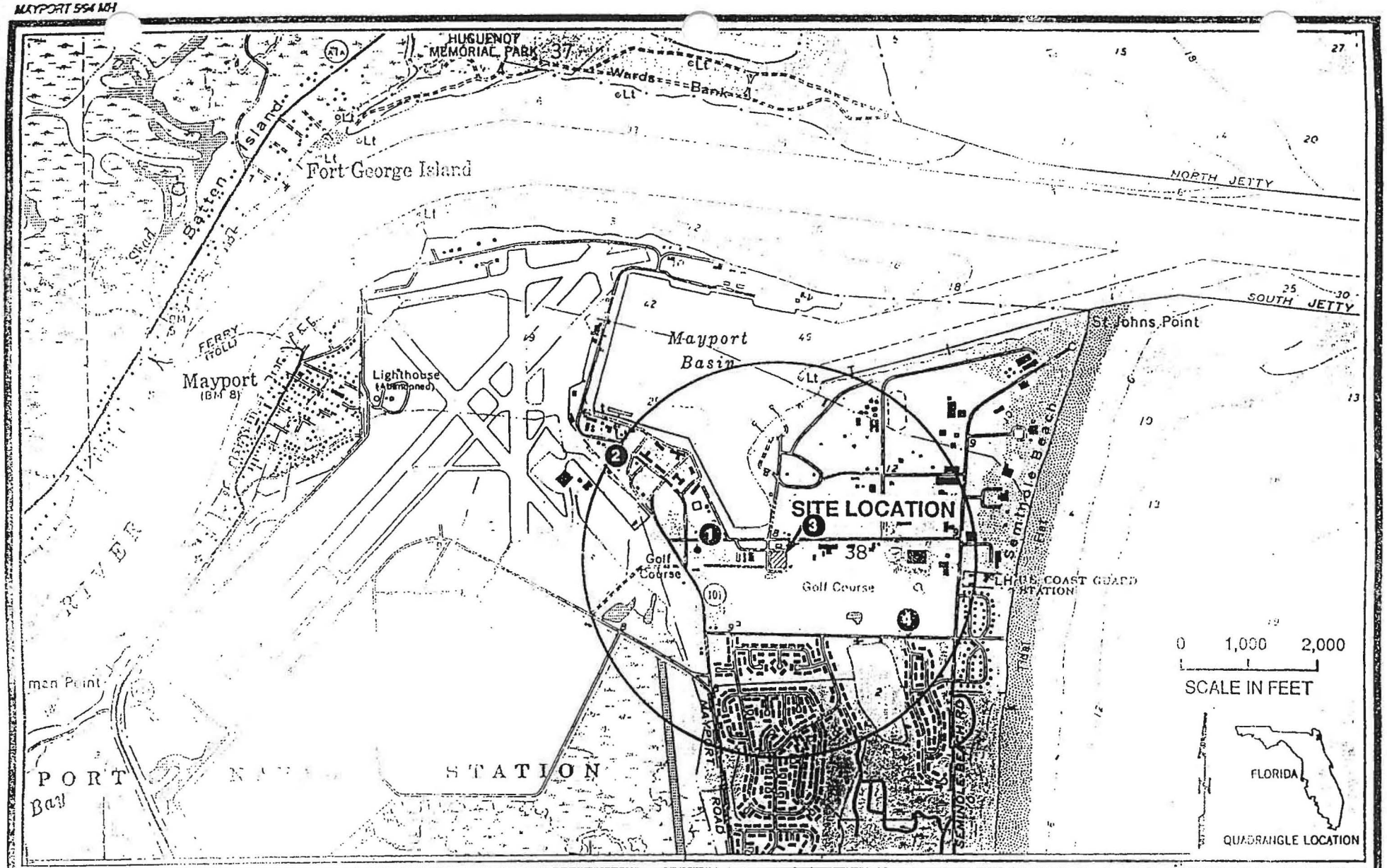


Figure 4-1
LOCATION OF WELLS WITHIN 0.5 MILE RADIUS OF
NAVAL STATION MAYPORT, BUILDING 191

SOURCES: MAYPORT, FL USGS, 1952; ESE.

ENVIRONMENTAL SCIENCE
& ENGINEERING, INC.

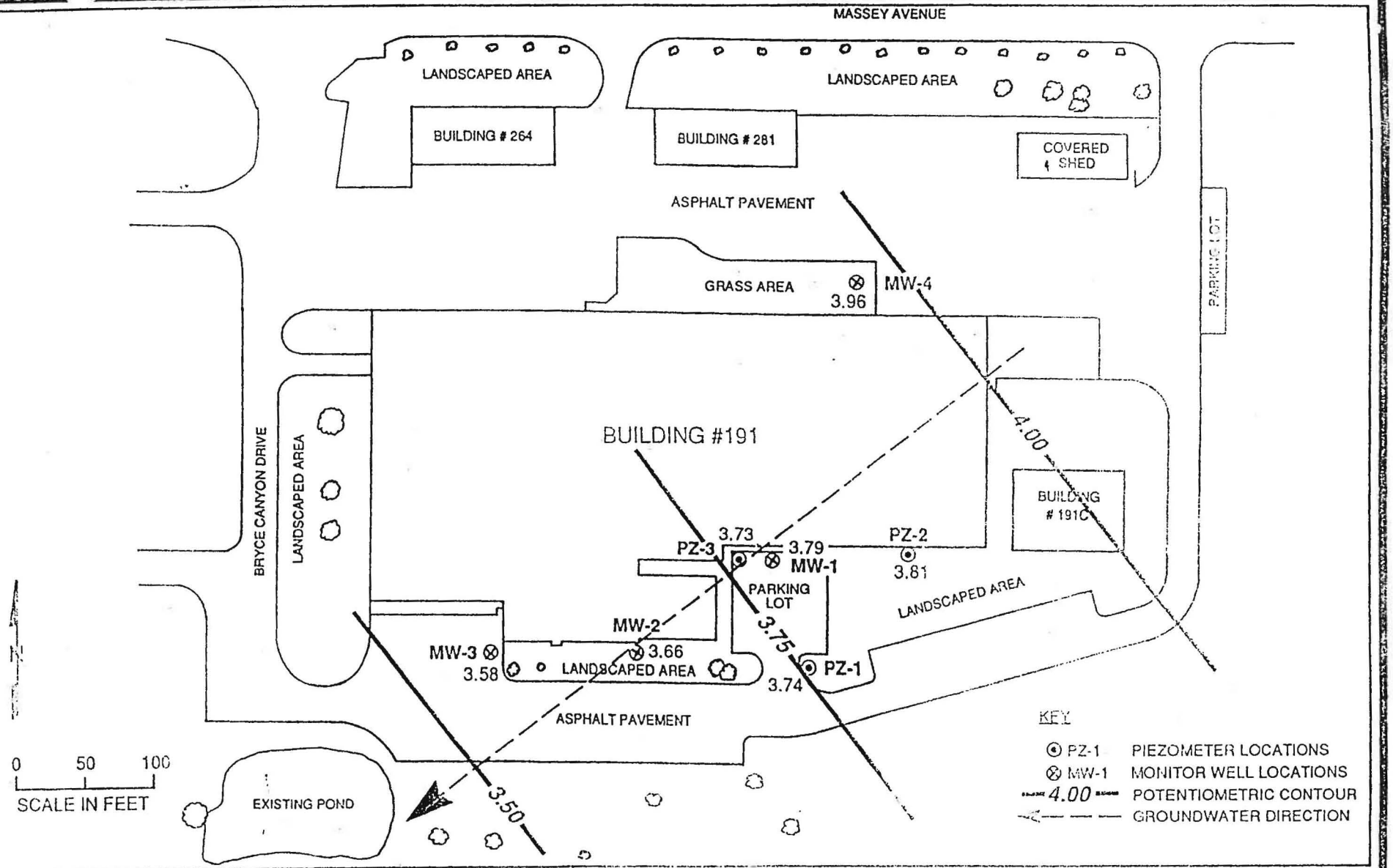


Figure 4-5
POTENTIOMETRIC SURFACE – MAY 26, 1994
NAVAL STATION MAYPORT, BUILDING 191

SOURCE: ESE.

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.

TABLE 4-5. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

ANALYTE	GUIDANCE CONCENTRATIONS	MW-1	MW-2	MW-3	MW-4	MW-1D
Benzene	1 ug/L *	<1	<1	<1	<1	<1
1,2-Dibromoethane (EDB)	0.02 ug/L *	<0.02	<0.02	<0.02	<0.02	<0.02
Total Volatile Organic Aromatics (BTEX)	50 ug/L *	1	<6	<6	<6	<6
PAHs (excluding Naphthalenes)	10 ug/L *	<10	<10	<10	<10	<10
Total Naphthalenes	100 ug/L *	<10	<10	<10	<10	<10
Lead	15 ug/L *	<5	<5	<5	<5	<5
Methyl Tert-Butyl Ether (MTBE)	50 ug/L *	<2	<2	<2	<2	<2
Total Recoverable Petroleum Hydrocarbons	5 mg/L *	<1	<1	<1	<1	<1
Tetrachloroethene	3 **	<1	<1	<1	22	<1
Trichloroethene	3 **	<1	<1	<1	5	<1
Total Xylenes (Primary Drinking Water Standard)	10,000 ug/L **	1	<1	<1	<1	<1
Total Trihalomethanes †	100 **	<1	4	2	<1	13

* FDEP 17-770 FAC Target Cleanup Level

** Florida Groundwater Guidance Concentrations (current as of June 1994).

† Total Trihalomethanes (Bromoform, Dibromochloromethane, Chloroform and Bromodichl... Concentration available.

N/A = Not Availabl...