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NS MAYPORT
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MINUTES FROM TECHNICAL REVIEW COMMITTEE MEETING ON 3 MARCH 1993 NS
MAYPORT FL
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**MINUTES
TECHNICAL REVIEW COMMITTEE
NAVAL STATION MAYPORT
MARCH 3, 1993**

The meeting was called to order at 8:00 a.m. by Captain Zimmer, Commanding Officer of Naval Station Mayport. A list of attendees and the agenda are attached. Captain Zimmer welcomed the guests to the station and turned the meeting over to Cheryl Mitchell, NAVSTA Mayport Environmental.

Ms. Mitchell asked the attendees to introduce themselves and reviewed the agenda, then introduced Jim Reed of Southern Division, Naval Facilities Engineering Command.

Mr. Reed provided an overview of the hazardous waste site investigations underway at NAVSTA Mayport and introduced ABB Environmental Services, the contractor implementing the investigations, for an update.

Mr. Greg Brown of ABB Environmental Services distributed copies of a table presenting the solid waste management units (SWMUs) identified at NAVSTA Mayport and how they have been grouped and prioritized for investigation, and identified the sites on a large map. Mr. Brown described the schedule for implementation of investigations at the various sites, noting that a report on the Group I sites has been submitted for regulatory and TRC review. A second table was distributed summarizing the findings of the investigations at the Group I sites. Field investigations have been conducted at the Group II sites, and a report will be submitted sometime this summer.

A discussion followed regarding whether monitoring wells around the perimeter of the old landfills would intercept a contaminant plume that may be several years old. ABB noted that subsequent investigations at other sites on the base will provide additional information regarding groundwater flow and potential contaminant transport. A question was also raised regarding the effect of tidal fluctuations on water levels and groundwater transport. Water level data for several wells across the facility had been collected over the past year and will be included in the report on the next group of sites.

James Hudson of EPA asked when the Navy intends to pursue interim corrective measures at Mayport, and noted that regulatory review of reports should not delay implementation of corrective action. Jim Reed discussed the Navy's funding priorities and constraints. He noted that remedial activities are currently receiving higher priority than investigations, and remediation of PCB soil contamination at SWMU 2 will be implemented in the near future. Eric Nuzie of FDER commended the Navy for fencing and posting warning signs around the site where PCB contaminated soils have been identified.

There being no further discussion, the meeting was adjourned about 9:30 am.

Agenda

8:00 a.m.	Welcome and Introductions	Cheryl Mitchell NAVSTA Environmental
8:15 a.m.	Program Overview	Jim Reed NAVFACENGCOM
8:30 a.m.	Current Status of Investigation	ABB Environmental Services
9:15 a.m.	Questions and Discussion	TRC Members

Attendees

Cheryl Mitchell	NAVSTA Mayport Environmental	904-270-6730
LT Tony Crusellas	NAVSTA Mayport Environmental	904-270-6730
CDR Chris Taylor	NAVSTA Mayport Staff Civil Engineer	904-270-5252
Peggy Layne	ABB Environmental Services	904-656-1293
Greg Brown	ABB Environmental Services	904-656-1293
Frank Lesesne	ABB Environmental Services	904-656-1293
Glynn Lane	Neptune Beach Representative	904-246-3153
Kim D. Leinbech	Atlantic Beach City Manager	904-247-5800
Doyle T. Brittain	US EPA Region IV	404-347-3016
James W. Hudson	US EPA Region IV	404-347-3016
CDR Brad Goforth	NAVSTA Mayport Public Affairs Officer	904-270-5226
John Veal	NAVSTA Mayport	904-270-5252
David Miracle	St. Johns Water Mgt. District	904-730-6270
Brian S. Cheary	FDER Northeast District	904-448-4320
Eric S. Nuzie	FDER Tallahassee	904-488-0190
David M. Clowes	FDER Tallahassee, RPM	904-488-0190
Jim Reed	Southern Division NAVFACENGCOM	803-743-0572

MAYPORT RFI

SOLID WASTE MANAGEMENT UNIT GROUPS.				
RFA SWMU	DESCRIPTION	RFI RFA/SV	STATUS	RECOMMENDATIONS
GROUP I SWMUs				
2	Landfill B	RFI	Report submitted	Remediate PCB in soil, Monitor groundwater
3	Landfill D	RFI	Report submitted	No further action at present
4	Landfill E	RFI	Report submitted	Monitor groundwater
5	Landfill F	RFI	Report submitted	Monitor groundwater
13	Old Fire Training Area	RFI	Report submitted	Monitor groundwater
22	Building 1600 Blasting Area	RFI	Report submitted	Monitor groundwater
26	Landfill C	RFA/SV	Report submitted	No further action at present
49	Flight Line Retention Ponds	RFA/SV	Report submitted	Recommend additional sediment samples
50	Dredge Spoil Disposal Areas	RFA/SV	Report submitted	Recommend additional surface water samples
56	Building 1552 Accumulation Area	RFA/SV	Report submitted	No further action at present
GROUP II SWMUs				
6	Waste Oil Pit/Sludge Drying Bed	RFI	Field work complete	
7	OWTP Sludge Drying Beds	RFI	Field work complete	
8	OWTP Percolation Pond	RFI	Field work complete	
9	Oily Waste Treatment Plant (OWTP)	RFI	Field work complete	
10	Hazardous Waste Storage Area	RFI	Field work complete	
11	Fuel Spill Area	RFI	Field work complete	
12	Neutralization Basin	ASSESS	Field work complete	
15	Old Pesticide Area	RFI	Field work complete	
16	Old Transformer Storage Yard	RFI	Field work complete	
19	NADEP Blasting Area	RFA/SV	Preparing workplan	
28	DRMO Yard	RFA/SV	Preparing workplan	
48	Former Chemistry Lab Accumulation Area	RFA/SV	Preparing workplan	
51	Waste Oil Tanks	RFA/SV	Preparing workplan	
GROUP III SWMUs				
1	Landfill A	RFI		
14	Mercury/Oily Waste Spill Area	RFI		
17	Carbonaceous Fuel Boiler	RFI		

SOLID WASTE MANAGEMENT UNIT GROUPS.				
RFA SWMU	DESCRIPTION	RFI RFA/SV	STATUS	RECOMMENDATIONS
18	FTC Diesel Generator Sump	RFA/SV		
20	Hobby Shop Drain	RFA/SV		
21	Hobby Shop Scrap Storage Area	RFA/SV		
23	Jacksonville Shipyard, Inc.	RFA/SV		
24	North Florida Shipyard, Inc.	RFA/SV		
25	Atlantic Marine, Inc.	RFA/SV		
29	Oily Waste Pipeline Break	RFA/SV		
44	Wastewater Treatment Facility Clarifiers 1 & 2	RFA/SV		
45	Wastewater Treatment Facility Sludge Drying Beds	RFA/SV		
46	SIMA Engine Drain Sump	RFA/SV		
52	PWD Service Station Storage Area	RFA/SV		
GROUP III SWMUs				
47	Oily Waste Collection System	RFA/SV		
53	Sewer Pipelines	RFA/SV		
54	Oil/Water Separators	RFA/SV		
55	Storm Sewer and Drainage System	RFA/SV		
AOC A	Fuel Distribution Pipelines	ASSESS		
AOC B	Underground Product Storage Tanks	ASSESS		

Acronyms:

RFI: RCRA Facility Investigation
RFA: RCRA Facility Assessment
SV: Sampling Visit
SWMU: Solid Waste Management Unit

Note: "Assess" indicates additional data gathering necessary to determine RFA/RFI Requirements.

Group I Solid Waste Management Units
Naval Station Mayport
Mayport, Florida

Constituents of Concern (COCs) - Human Health

SWMU No.	Sediment	Surface Water	Soil	Groundwater	Comments
2	No Pathway	No Pathway	Aroclor 1260	Arsenic Cyanide	No CMS, Define PCBs, Remediate PCBs, Monitor Groundwater.
3	No COCs	Arsenic	No COCs ^(a)	No COCs	No CMS.
4	No COCs	Arsenic	No COCs ^(a)	Arsenic Benzene 1,4-Dichlorobenzene	No CMS, Monitor Groundwater.
5	No COCs	Arsenic	No COCs ^(a)	Arsenic	No CMS, Monitor Groundwater.
13	No COCs	No Samples	No COCs ^(a)	No COCs	No CMS, Monitor Groundwater.
22	No Pathway	No Pathway	No COCs ^(a)	No COCs	No CMS, Monitor Groundwater.

Notes:

CMS = Corrective Measures Study.

PAH = Polynuclear Aromatic Hydrocarbons

Background surface water samples contained arsenic, barium, cadmium, chromium, copper, lead, selenium, vanadium, and cyanide.

Background sediment samples contained carbon disulfide, toluene, di-n-butylphthalate, 4,4'-DDE, 4,4'-DDD, arsenic, barium, cadmium, chromium, copper, lead, nickel, selenium, vanadium, and zinc.

(a) = No soil samples were collected directly from the SWMU to evaluate exposure.

No background soil data.

Background groundwater samples contained carbon disulfide, benzo (a) anthracene, arsenic, barium, copper, lead, selenium, vanadium, and zinc.

Group I Solid Waste Management Units
 Naval Station Mayport
 Mayport, Florida

Constituents of Concern (COCs) - Ecological

SWMU No.	Sediment	Surface Water	Soil	Groundwater	Comments
2	No Pathway	No Pathway	Aroclor 1260	No Pathway	No CMS, Define PCBs, Remediate PCBs, Monitor Groundwater.
3	4,4'-DDD 4,4'-DDE Pentachlorophenol Copper Lead Zinc	Zinc	No COCs ^(a) ,	No Pathway	No CMS. Confirm source of PAH's, Pentachlorophenol, DDD, and DDT. Monitor Groundwater
4	4,4'-DDD 4,4'-DDE Chrysene Fluoranthene Phenanthrene Pyrene Copper Lead Zinc	Zinc	No COCs ^(a) ,	No Pathway	No CMS. Confirm source of PAH's, DDD, and DDT. Monitor Groundwater.

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Constituents of Concern (COCs) - Ecological

SWMU No.	Sediment	Surface Water	Soil	Groundwater	Comments
5	4,4'-DDD 4,4'-DDE 4,4'-DDT Benzo(a) Anthracene Benzo(a)pyrene Chrysene Fluoranthene Pyrene Copper Lead Mercury Zinc	No COCs	No COCs ^(a) ,	No Pathway	No CMS. Confirm source of PAH's, DDD, DDE and DDT, and Mercury. Monitor Groundwater.
13	4,4'-DDD 4,4'-DDE Chrysene Fluoranthene Pyrene Copper Lead Zinc	No Samples	No COCs ^(a) ,	No Pathway	No CMS. Confirm source of PAH's, DDD, and DDT. Monitor Groundwater.

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Constituents of Concern (COCs) - Ecological

SWMU No.	Sediment	Surface Water	Soil	Groundwater	Comments
22	No Pathway	No Pathway	No COCs	No Pathway	No CMS. Monitor Groundwater.

Notes:

CMS = Corrective Measures Study.

PAH = Polynuclear Aromatic Hydrocarbons

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Background sediment samples contained carbon disulfide, toluene, di-n-butylphthalate, 4,4'-DDE, 4,4'-DDD, arsenic, barium, cadmium, chromium, copper, lead, nickel, selenium, vanadium, and zinc.

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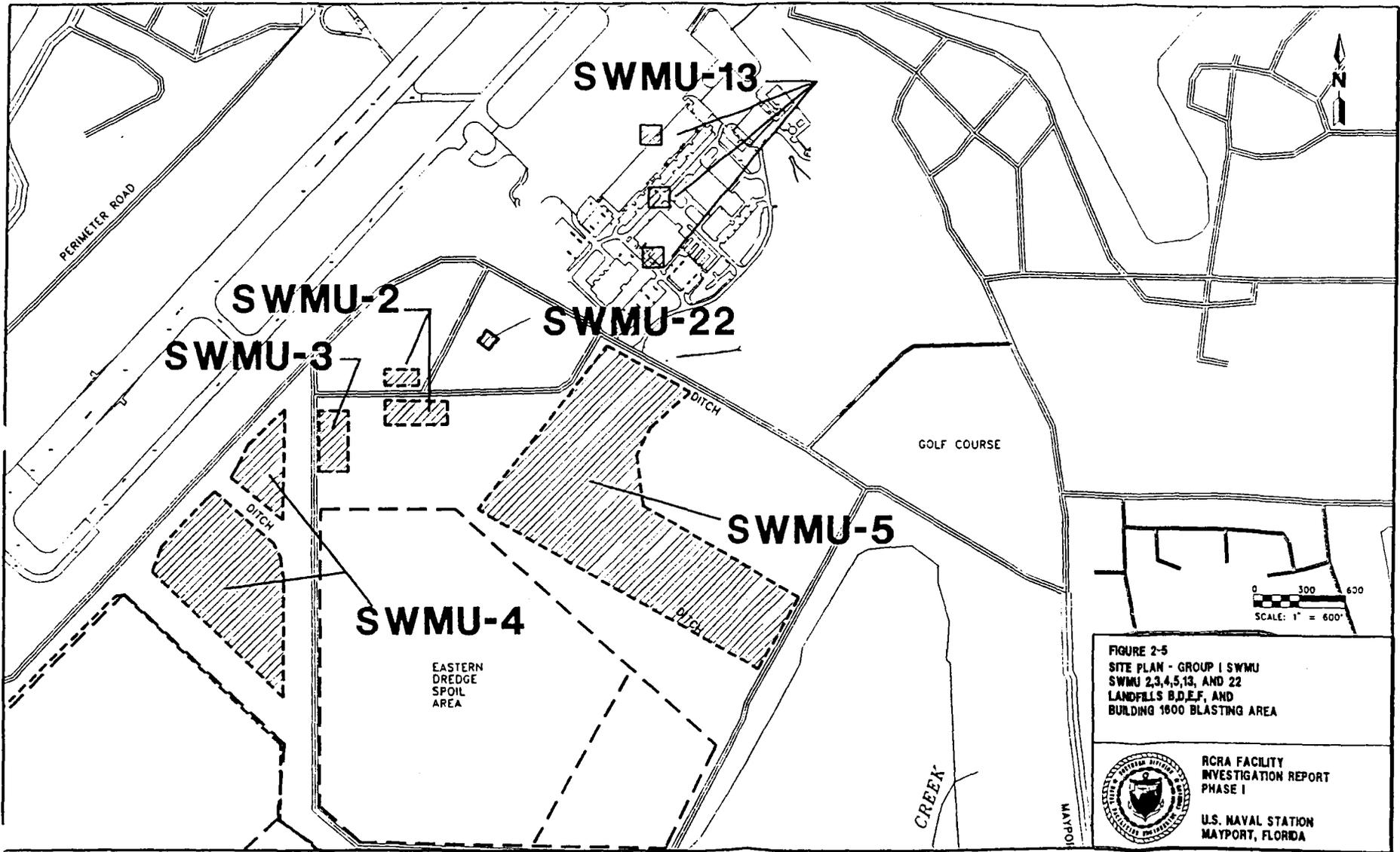


FIGURE 2-5
SITE PLAN - GROUP I SWMU
SWMU 2,3,4,5,13, AND 22
LANDFILLS B,D,E,F, AND
BUILDING 1800 BLASTING AREA

RCRA FACILITY
INVESTIGATION REPORT
PHASE I
U.S. NAVAL STATION
MAYPORT, FLORIDA