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NSA PANAMA CITY
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BRIEF FROM THE MAY 2006 TIER II MEETING NSA PANAMA CITY FL
5/1/2006
NAVFAC SOUTHEAST



Tier II Brief May 2006

EFD SOUTH

Overview



- General Information**
- Changes Since Last Presentation**
- Ongoing Work and Issues**
 - IR program
 - UST Program
- SWMU 3 Discussion**
- AOC 1 Discussion**
- Schedules**
- Questions**



Naval Support Activity Panama City – General Information



Provide research, development, test and evaluation, engineering and fleet support for:

Mine Warfare



Expeditionary Maneuver Warfare



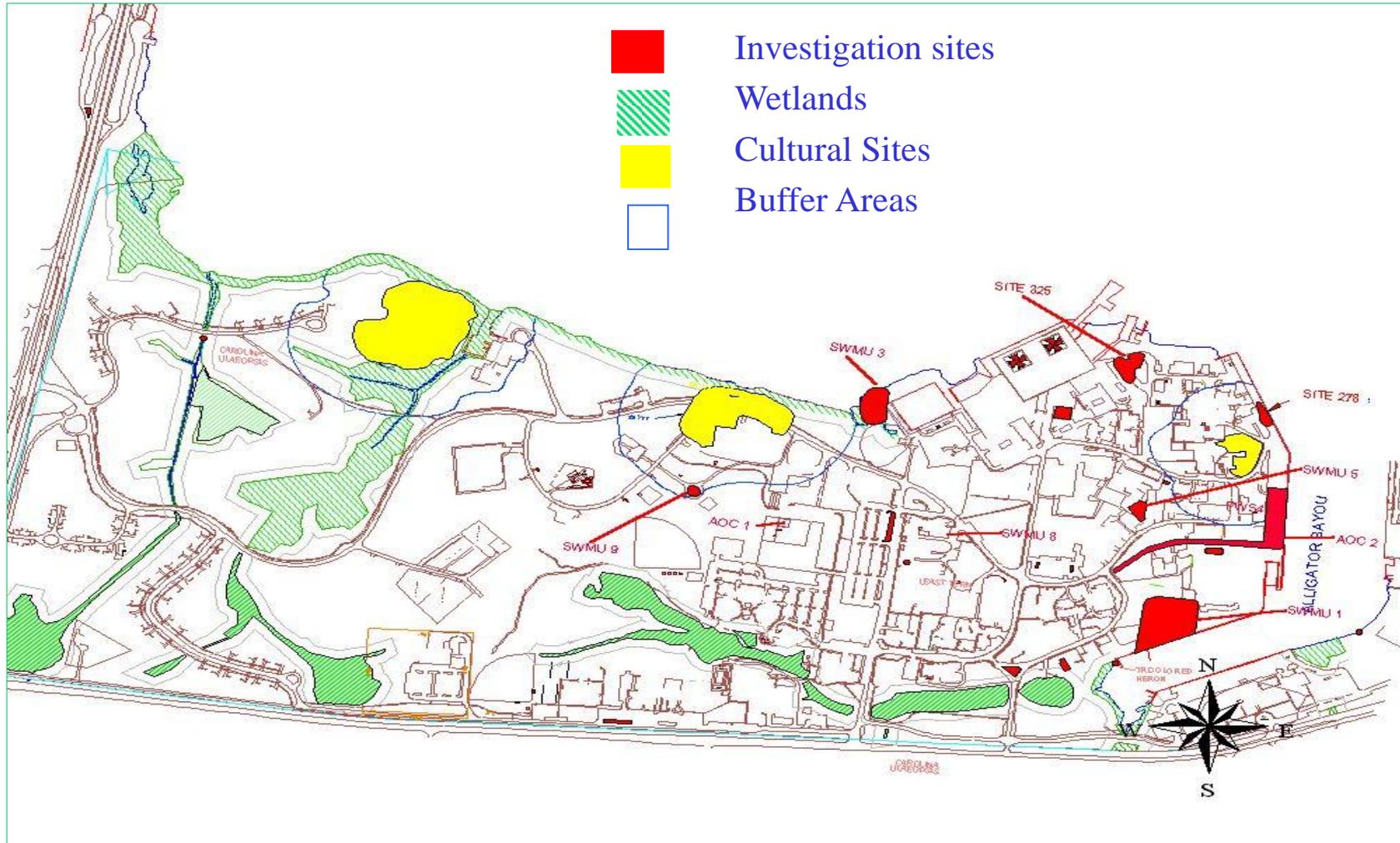
Operations in Extreme Environments



Maritime Special Operations



NSA Panama City Facility Information – General Information



Changes Since Last Tier II Presentation



- Last Tier II presentation June 2003**
- HSWA Permit finalized November 2003**
- USEPA no longer active Team Member**
- Environmental Indicators being met**

- Progress on Sites details following**

Changes Since Last Tier II Presentation – Partnering Team



❑ Partnering Team Member Changes

- Jeff Adams, NAVFAC EFD SOUTH
- Dan Waddill, NAVFAC EFD SOUTH
- Tracie Bolanos, FDEP
- Arturo McDonald, NSA PC
- Mike Clayton, NSA PC –
- Gerry Walker, TtNUS

❑ Partnering Support Members

- Rich May, TtNUS - Tier II
- Paul Calligan, TtNUS - UST Manager
- Pete Paznokas, Facilitator
- Betsy Voss, TtNUS - Scribe

Changes Since Last Tier II Presentation - Partnering Team



❑ Partnering Team Member Changes

- **Bill Gates, NAVFAC EFD SOUTH**
- **Dan Waddill, NAVFAC EFD SOUTH**
- **Tracie Bolanos, FDEP**
- **Arturo McDonald, NSA PC**
- **Mike Clayton, NSA PC –**
- **Tom Johnson, TtNUS – IR Manager**

❑ Partnering Support Members

- **Rich May, TtNUS - Tier II**
- **Larry Smith, TtNUS - UST Manager**
- **Pete Paznokas, Facilitator**
- **Betsy Voss, TtNUS - Scribe**

Ongoing Work and Issues – Active IR Sites



- **AOC 1 Fire Fighting Training Area No. 1**

- Soil Industrial LUC
- Groundwater MNA

- **SWMU 2 Burn and Disposal Area**

- IRA; Soil Industrial LUC
- Groundwater NFA with LUC – iron

- **SWMU 3 Burn and Disposal Area**

- Soil Industrial LUC



Ongoing Work and Issues – Active IR Sites



- **SWMU 9 Fire Fighting Training Area**
 - NFA



- **SWMU 10 Building 363 Oil-Water Separator**
 - MNA groundwater
 - Soil Industrial LUC



Ongoing Work and Issues – UST Sites



- **AOC 2/ SWMU 1**
 - RAP pending –
Remedial action required
- **Site G300**
 - Free product removal
ongoing
- **Building 278**
 - Ongoing AS / SVE
- **Building 325**
 - Ongoing AS / SVE



Partnering Team Success Story – SWMU 3 Ecological Risk Assessment



- **Disposal History SWMU 3 –**
- **Landfill C Burn and Disposal Area**
 - Waste disposal from 1953 to 1959 household wastes, solvent cans, and possible PCB waste oil
 - Between 24 and 48 cu yd of waste disposed per day, monthly burns
 - Wastes extended into bay
 - In 1983 Amphibious Assault Landing Craft Area construction destroyed a natural wetland
 - The current tidal inlet wetland was reconstruction



Partnering Team Success Story – SWMU 3 Ecological Risk Assessment

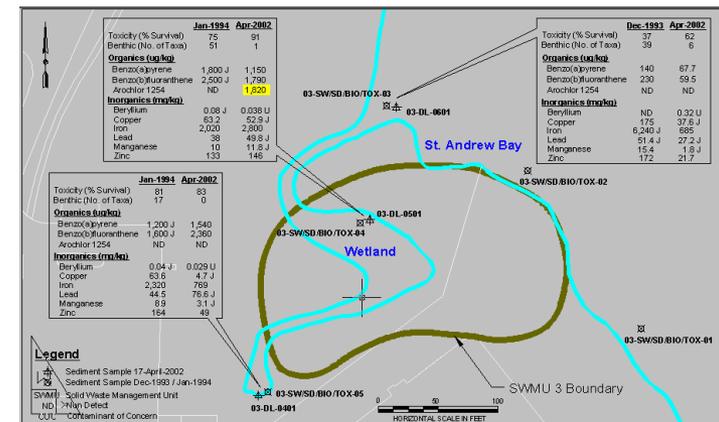


• Corrective Measures

- November 1997 debris removal (metal, concrete, etc.) from SWMU 3 shoreline as per CMS.
- In 2001 facility storm water was rerouted –
 - 70% of the storm water diverted to a holding pond.

• Data Issues

- PCBs detected in sediments not defined
- Toxicity sample had no reference sites and
- Benthic and toxicity results did not correlate with contaminant concentrations
- Exit strategy for biological monitoring



Partnering Team Success Story – SWMU 3 Ecological Risk Assessment



• Partnering Team meeting September 2003

– Meeting included eco risk managers from USEPA, Univ of Florida, TtNUS, SPAWAR, and NAVFAC ERTAT

- Site visit
- Discussed existing CMS monitoring plan
- Discussed DQOs for site
- Discussed Exit Strategy

– Team developed revised monitoring plan

- A one time data gathering event
- Followed by additional sampling only if required
- Updated conceptual model
- Discontinued benthic macroinvertebrate and toxicity sampling



Partnering Team Success Story – SWMU 3 Ecological Risk Assessment



- **Team Success**

- Site visit determined that SWMU 3 habitat and industrial nature of adjacent areas indicated negligible exposure pathways exist
- 1 time sampling event indicated PCBs not a concern
- Detected metals were compared to benchmark concentrations and determined to not be a concern.

- NFA for ecological concerns at SWMU 3

AOC 1 Technical Presentation



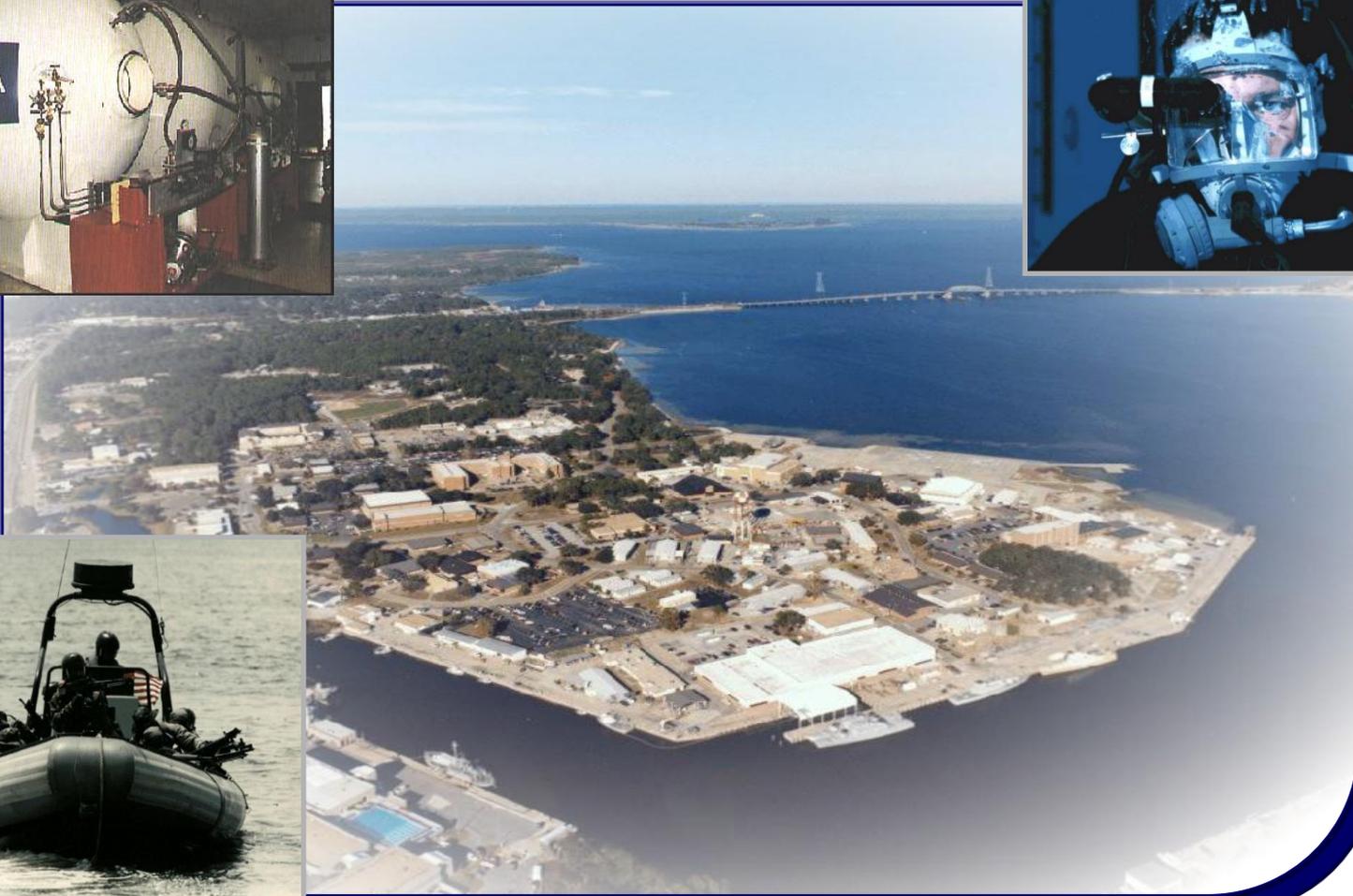
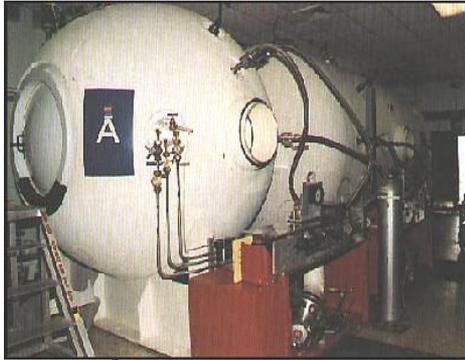
- **Groundwater to Surface Water Interface Monitoring with Trident Probe**

Next Two Years



- **Interim Removal Action for Soil at SWMU 2 – to Industrial standards**
- **Initiate MNA program at AOC 1, SWMU 10 and SWMU 2**
- **HSWA Permit MOD 11/07**
 - (AOC 1, SWMU 3, SWMU 9 & SWMU 10)
- **HSWA Permit Renewal**
 - (SWMU 2; expires November 2008)
- **Complete Statement of Basis:**
 - AOC 1 (revision; LUC & MNA)
 - SWMU 10 (revision; LUC & MNA)
 - SWMU 2 (LUC)
 - SWMU 3 (LUC)
 - SWMU 9 (NFA)
- **CMIP – AOC 1, SWMU 2, 3 & 10**

Naval Support Activity Panama City



QUESTIONS