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NSA PANAMA CITY  
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BRIEF FROM THE SEPTEMBER 2008 TIER II MEETING NSA PANAMA CITY FL  
9/1/2008  
NAVFAC SOUTHEAST



# **Florida Tier II Brief Naval Support Activity Panama City September 2008**

**NAVFAC Southeast**

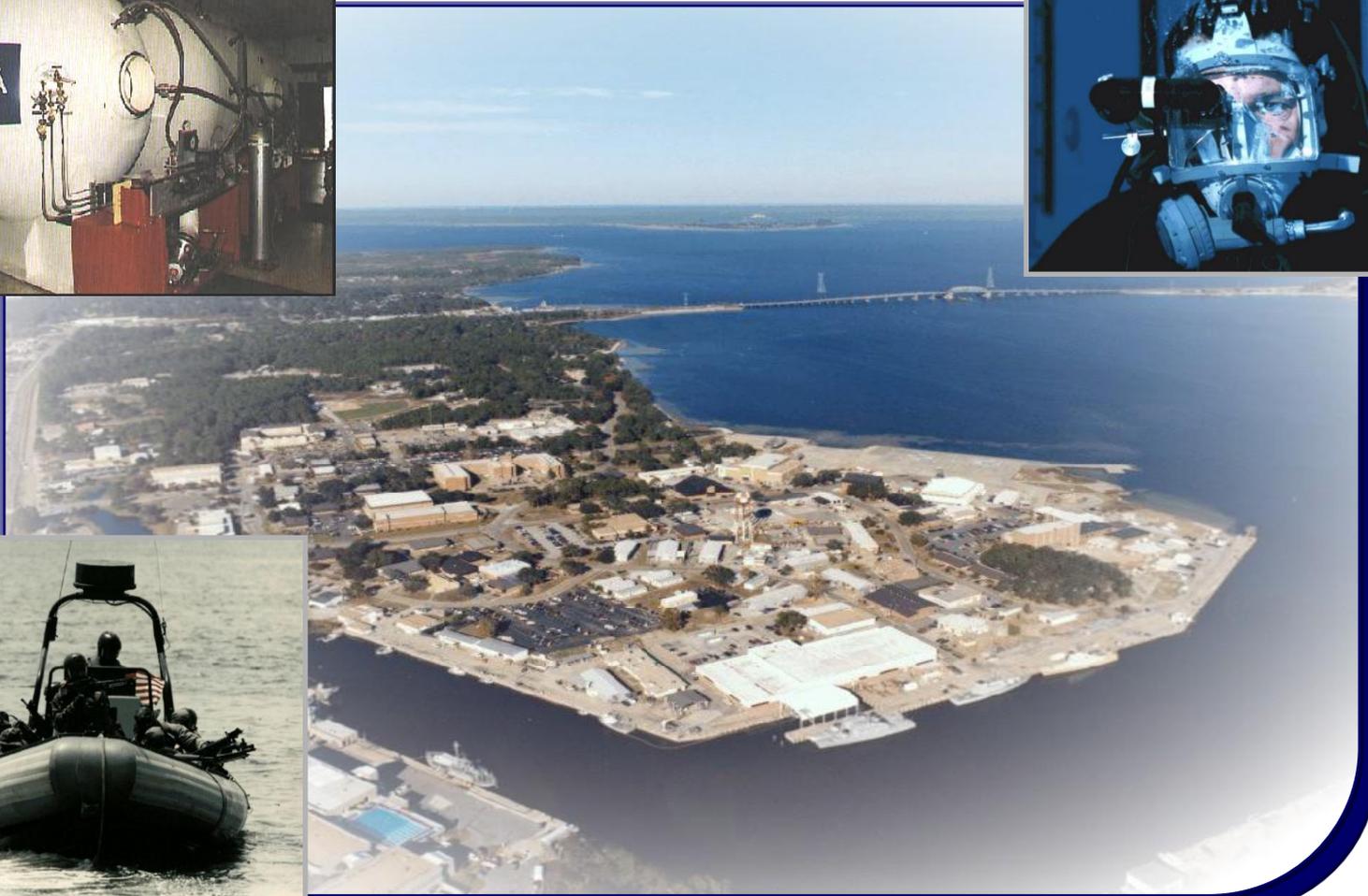
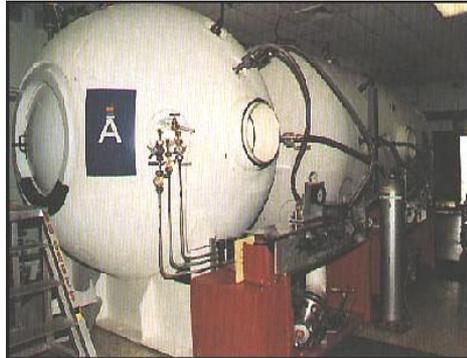
# Overview



- General Information**
- Changes Since Last Presentation**
- Ongoing Work**
  - IR program
  - UST Program
- Schedules**
- Questions**



# Naval Support Activity Panama City



# Naval Support Activity Panama City



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

## Mine Warfare



## Expeditionary Maneuver Warfare



## Operations in Extreme Environments



## Maritime Special Operations



# General Information



## □ Partnering Team Member Changes

- \* Bill Gates NAVFAC NAVFAC SE
- \* 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

# General Information



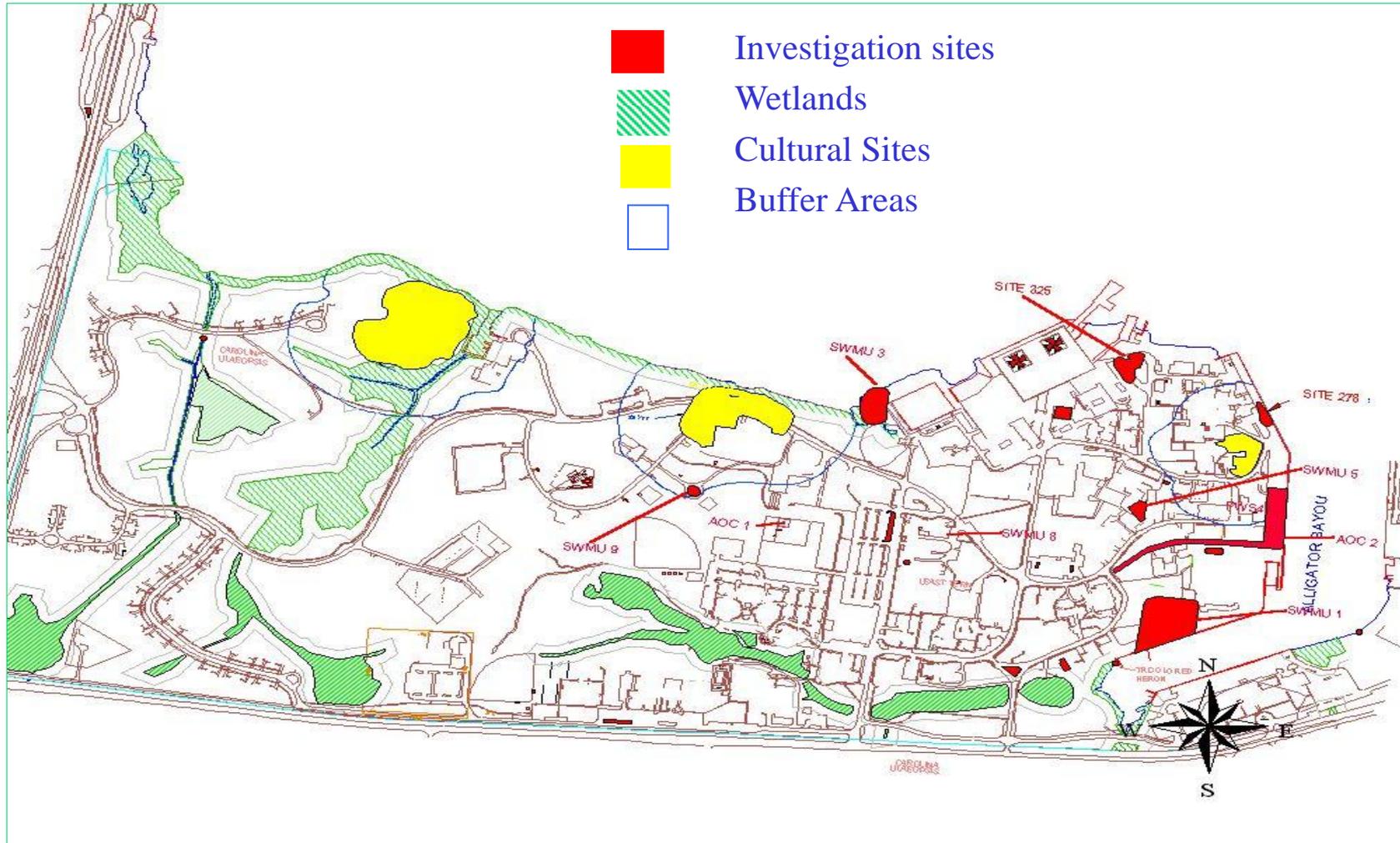
## Partnering Team Member Changes

- John Schoolfield, NAVFAC SE
- John Winters, FDEP
- Arturo McDonald, NSA PC
- Mike Clayton, NSA PC
- Tom Johnston, TtNUS – IR Manager

## Partnering Support Members

- Rich May, TtNUS - Tier II
- Larry Smith, TtNUS - UST Deputy Manager (G300)
- Pete Paznokas, Facilitator
- Katie Newman, TtNUS - Scribe

# NSA Panama City Facility Information



# Ongoing Work – Active IR Sites



## •AOC 1 Fire Fighting Training Area No. 1

- Surface soil residential LUC
- Groundwater Industrial/residential LUCs
- GW MNA (with reduced scope)



## •SWMU 2 Burn and Disposal Area

- Soil industrial/residential LUCs
- Groundwater (and SW) monitoring with industrial/residential GW LUCs – iron



# Ongoing Work – Active IR Sites



- **SWMU 3 Burn and Disposal Area**
  - Surface soil/sediment
  - Industrial/residential LUCs



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



# Ongoing Work – Active IR Sites



- **SWMU 10 Building 363 Oil-Water Separator**
  - GW MNA (with reduced scope)
  - GW Industrial/residential LUCs
  
- **All Sites**
  - SBs, CMIPs approved



# Ongoing Work – UST Sites



- **AOC 2/ SWMU 1**

- Remedial action and monitoring ongoing

- **Site G300**

- Free product not detected for over 1 year
  - Monitoring ongoing

- **Buildings 278 & 325**

- Previously remediated
  - Speciation of TPH to determine path forward



# Ongoing Work – All Sites



- **Started:**

- LTM at SWMUs 2, 10, & AOC 1
- 45-day permit modification/extension public comment period (nearing end of period)
- Major Admin Record update

- **Starting by October 15, 2008:**

- LUCs at SWMUs 2, 3, 10 & AOC 1

# Schedules



## • Corrective Action Management Plan (CAMP)

## • Exit Strategy

Corrective Action Management Plan - Rev. 9 (February 2006)							
Naval Support Activity Panama City, Panama City, Florida							
Report Category	YEAR ONE	YEAR TWO	YEAR THREE	YEAR FOUR	YEAR FIVE	YEAR SIX	YEAR SEVEN
	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<b>ACC 1</b>							
Draft RFI Addendum	09-Oct-02						
Final RFI Addendum		21-Mar-03					
Draft Corrective Measures Study		23-Sep-03					
Final Corrective Measures Study			20-Jan-04				
Draft Statement of Basis			19-May-04				
Final Statement of Basis			20-Sep-04				
Draft Corrective Measures Implementation Plan					01-Mar-06		
Final Corrective Measures Implementation Plan					15-May-06		
Corrective Action					01-Aug-06		
<b>SWMU 2</b>							
Draft RFI Addendum				30-Sep-05			
Final RFI Addendum				18-Dec-05			

SITE-SPECIFIC EXIT STRATEGY NAVAL SUPPORT ACTIVITY PANAMA CITY Updated February 2006															
ID	SWMU	Site Name	Proposed Remedial Action	APC Project Status	APC Project Date	APC Project Cost	APC Project Status	APC Project Date	APC Project Cost	APC Project Status	APC Project Date	APC Project Cost	APC Project Status	APC Project Date	APC Project Cost
30000-01	A	Outdoor Storage	Site Remediation	Completed	01/01/05	41000									
4001-01	A	High-Temperature Training Area	Site Remediation	Completed	01/01/05	41000									
30000-02	A	Drain and Chlorine Area	Site Remediation	Completed	01/01/05	137000									
30000-03	A	High-Temperature Training Area	Site Remediation	Completed	01/01/05	137000									
1001-01	A	Building 270	Site Remediation	Completed	01/01/05	81000									
1001-02	A	Building 101	Site Remediation	Completed	01/01/05	81000									
1001-03	A	Building 100	Site Remediation	Completed	01/01/05	81000									
4001-02	A	High-Temperature Training Area	Site Remediation	Completed	01/01/05	81000									

Notes:  
 ID = Unique ID  
 SWMU = Site Waste Management Unit  
 APC = Area of Concern  
 POC = Preliminary On-Site Characterization

USF = Underground Storage Tank  
 PFC = Perfluorinated Compound  
 LUG = Land Use Control  
 A/SCLA = Air/Surface Contamination Assessment

CTC = Critical Contaminant  
 BCLU = Base Contaminant List Update  
 CCLU = Contaminant List Update  
 SIF = Site Investigation/Assessment

RCRA = Resource Conservation and Recovery Act  
 SARA = Superfund Amendments and Reauthorization Act  
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act

- **Implement CMIPs at SWMUs 2, 3, 10, & AOC 1**
  - MNA at SWMU 2, SWMU 10 , and AOC 1
  - LUCs at SWMUs 2, 3, 10, and AOC 1
- **HSWA Permit Modification/Extension**
  - Comment period ends Sep 17, 2008
  - Address comments and render it final (due Nov. 2008)
- **G300 GW monitoring (3<sup>rd</sup> quarter sampling in Sep 2008 with one more round after that). Technical impracticability with LUCs and limited sampling is under consideration**
- **AOC 2 Remediation Support (includes installation of two wells and limited soil sampling to verify site conditions plus 4 quarters of GW sampling)**

# Exit Strategy



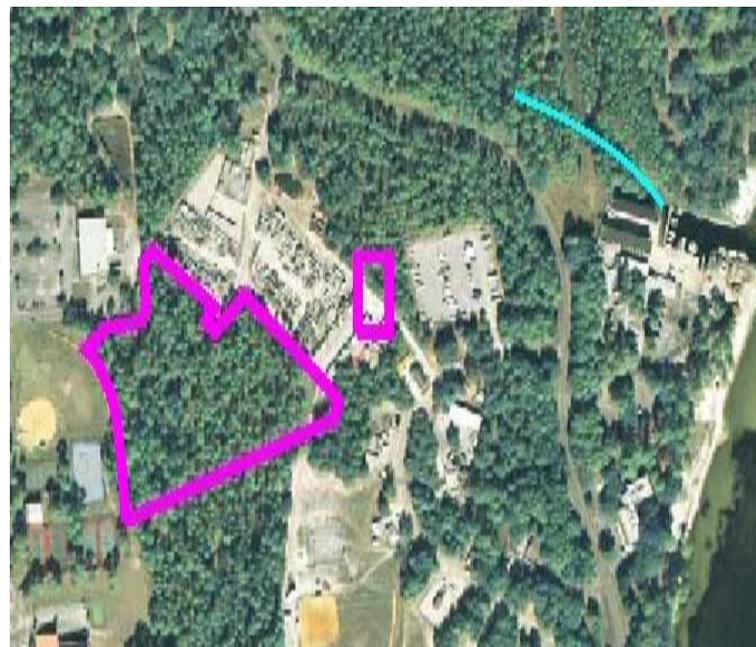
- **Achieve GCTLs and/or background concentrations in monitoring programs at SWMUs 2, 10, and AOC 1 and G300**
- **Maintain LUCs at SWMUs 2, 3, 10, and AOC 1 until no longer needed for protection of human health and environment**

## QUESTIONS

# Partnering Team Success Story – SWMU 2 Expedited Remedy in Place



- **Disposal History SWMU 2 – Landfill B Burn and Disposal Area**
  - Wastes included paint, solvents, ash, general household food and non-food waste, bilge water
  - Disposal started in late 1940s but increased from 1957 to mid 1970s
  - Initial COCs were aluminum, antimony, iron, benzene in GW
  - Manganese and arsenic later added to support GW background determination
  - Identified soil contaminants were PCBs, PAHs, metals



# Partnering Team Success Story – SWMU 2 Expedited Remedy in Place



- **Goal: Remedy in Place by Sep 2007**

- Remediate soils and monitor GW and SW for: aluminum, antimony, iron, manganese, benzene

- **Pathway to Success:**

- Fall 2006: Expedited soil hot spot removal under Adams/Walker
- May 2007: QAPP for initial GW monitoring under Gates/Johnston
- June 2007: Initial sampling completed (Sb & Mn eliminated)
- Sep 2007: Background metals added (As and Mn) for other sites
- Sep 2007: Biennial LTM initiated (Mar/Sep) – **Mission accomplished!**
- June 2008: Benzene and Al eliminated from LTM. Monitoring continues
- LUCs to be implemented in 2008

# Partnering Team Success Story – Five Sites: Decision Document Completion



## •Completed Documents

- CMS at SMWU 2
- Update risk evaluation and RFI report (SWMUs 3, 10, & AOC 1)
- SBs for SWMUs 2, 3, 10 and AOC 1
- CMIPs for SWMUs 2, 3, 10 and AOC 1
- Permit Mod/Extension: Above sites plus SWMU 9

## •Remaining Work

- Permit mod/extension (completion date is Nov 2008)
- Admin Record
- Continued monitoring and LUC implementation until acceptable to stop