



**US Army Corps  
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Norfolk District

# **FNOD RAB TECHNICAL UPDATE**

## **7 October 2004**

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# AGENDA

- Nearshore Area
- LUCIP Update
- Munitions Response Update
- Track K
- Horseshoe Pond
- Nansemond River Beachfront
- North Athletic Field
- FY 04 Accomplishments
- Budget
- FY05 Project Priorities
- RAB Input FY 05



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# Land Use Control Implementation Plan

## Memorandum of Agreement (MOA)

- Contacted the City and TCC on 16 September
- No status from City of Suffolk or TCC on MOA.



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# MR Update

- All GE property along Welner drive has been completed.
- Expanded MR investigation into K-rows.
- DMM items recovered include 20mm, 40mm, 81mm mortar, 3-inch HE projectile.
- Need ROE from Continental Bridgeway.



10/8/2004



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# MR Update

8/31/04

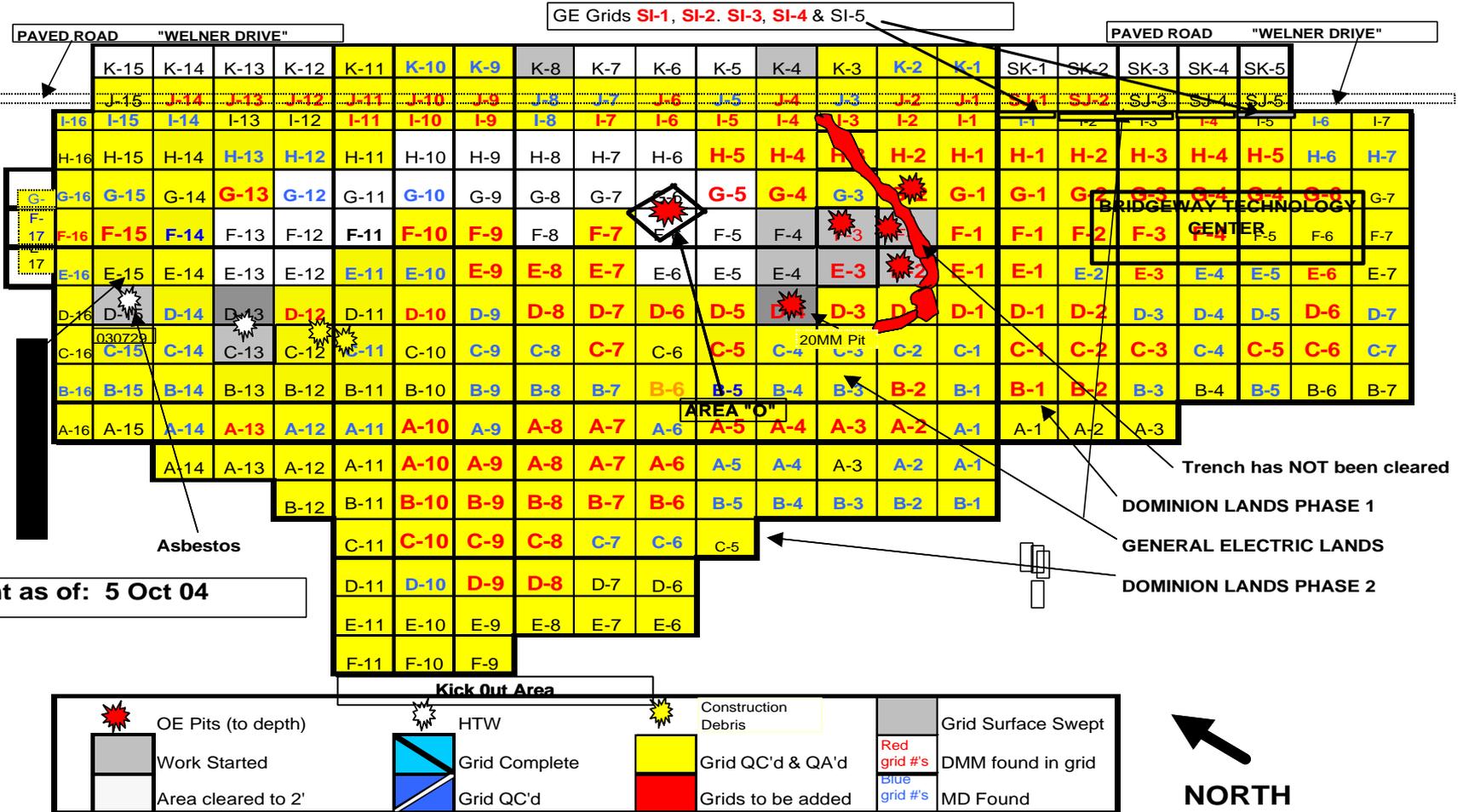
## Mechanical Sifter

- Arrived on site 9 Aug
- Modifying the sifter with steel plate for protection of personnel. Waiting on vendors for required materials.
- Operational approx 18 Oct.
- Met with Branch Lawson of East/West Partners on 7 Sept.



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# MR Removal Update



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# MR Removal Update

11/4/03

As of 24 Sept 04

Last Two Months	Aug - Sep 2004	UXO ITEMS	DMM ITEMS	MISC MUNITIONS POUNDS	BULK EXPL POUNDS	MUNITIONS DEBRIS (MD) POUNDS	NON-MD SCRAP POUNDS	CONTAMINATED SOIL POUNDS
		-	105	-	-	459	12,803	-

CY 2004								
TOTAL	MBG	-	90	-	-	535	136,441	-
TOTAL	TCC Ath. Flds & NRB	-	127	-	-	382	11,667	-
TOTAL	HSP	-	-	-	-	-	-	-
0	0	-	217	-	-	917	148,108	-

1 – 3” Naval projectile, 18-M48 grenade fuzes, 30 – 20mm projectiles; 1 – 40 mm projectile, and 55 boosters at NRB.



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# Track K Dump - Tire Pile Area



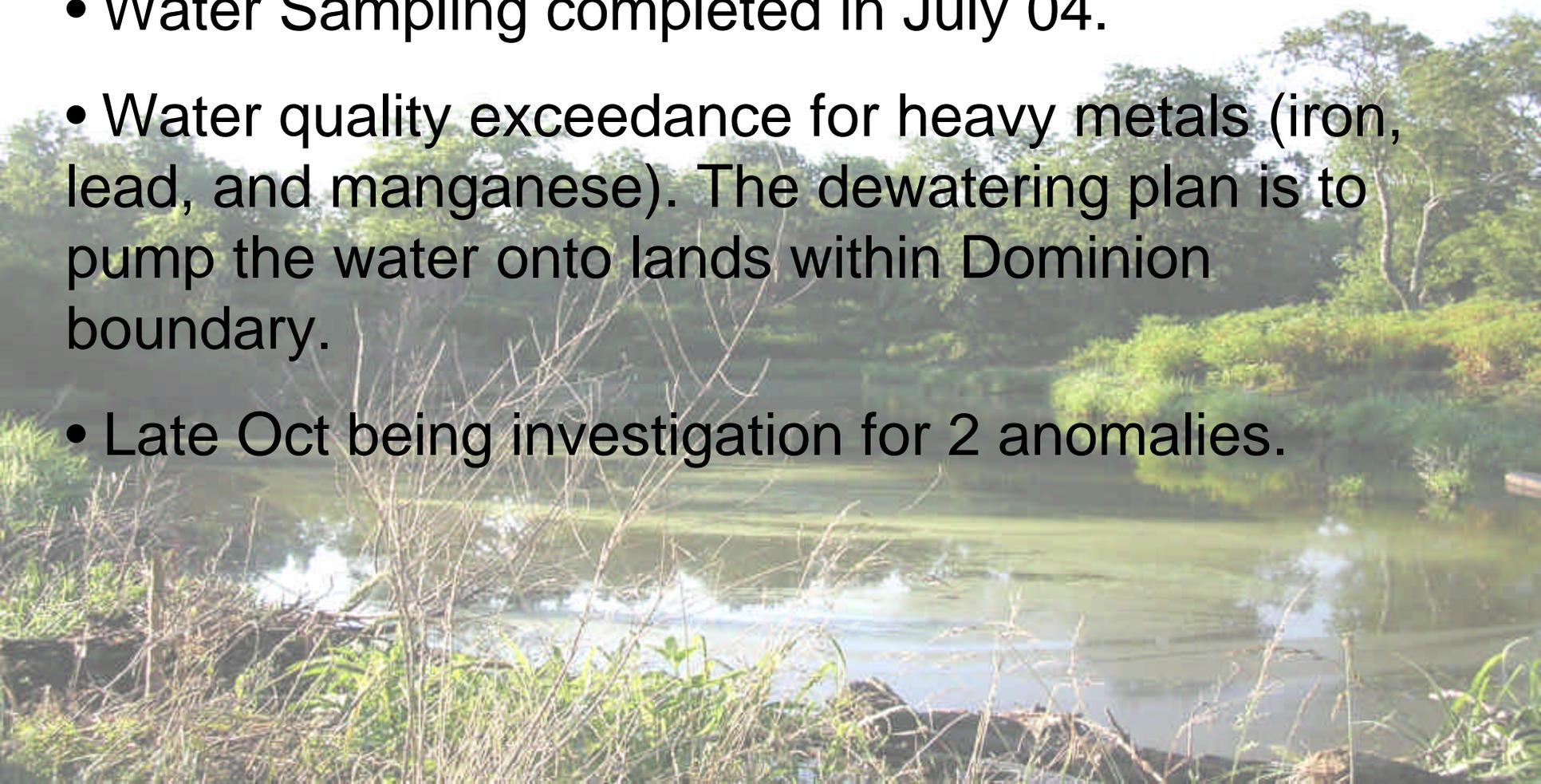
- Awarded contract to draft RI report for both Track K and Pesticide drum area.
- Conduct risk assessment



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# Horseshoe Pond Anomalies

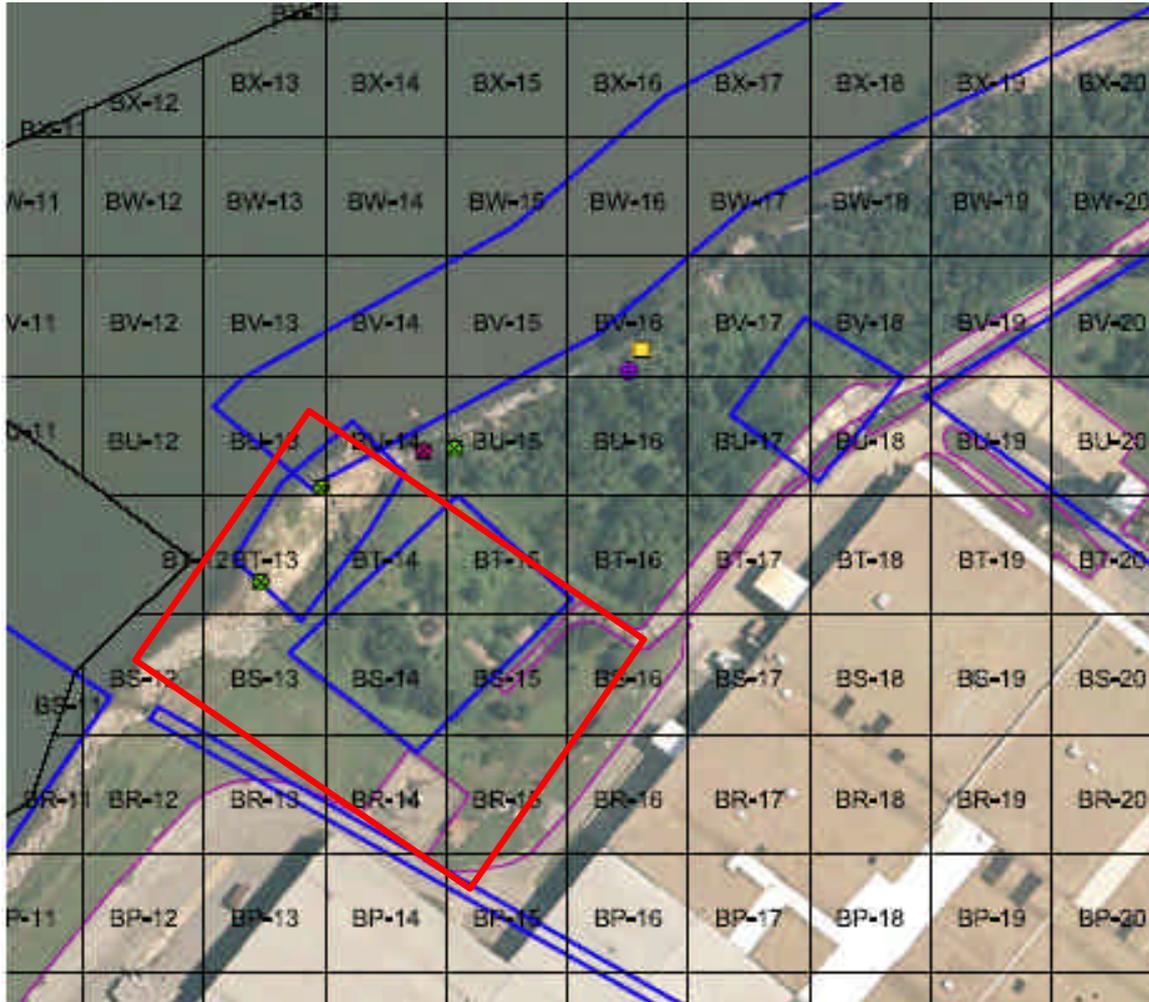
- Water Sampling completed in July 04.
- Water quality exceedance for heavy metals (iron, lead, and manganese). The dewatering plan is to pump the water onto lands within Dominion boundary.
- Late Oct being investigation for 2 anomalies.





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# Nansemond River Beachfront



- Geophysical Investigation bluff area and beachfront.
- Soil and groundwater sampling for explosives, metals, SVOCs, VOCs.
- Sampling of the former WWTP clarifier beds and outfall.
- Field work conducted week of 27 Sept 04.

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# Nansemond River Beachfront



Sampling the  
WWTP outfall.



Sampling of  
the beach.



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# North Athletic Field



Investigation for  
suspect fibrous  
tank.



Investigating possible  
burn layers.

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11/4/03

# FY04 Accomplishments

- Signed a no-further action ROD on the offshore area.
- Finalized the background study report.
- Main Burning Ground MR removed 133 DMM items, 772 pounds of munitions debris, and 140,000 lbs of scrap metal.
- Completed Single Point Anomaly investigation for North Athletic field and Renovation plant. This completes the time critical removal action portion of the project.
- Awarded contracts to start investigations for Track G, H, & I; Marine Corps Power Generator building; JRB RI; and NRB and WWTP SI.
- Continued with investigations of the Pesticide Drum Area, the tire pile area, TCC lake, the near shore area, and HSP.
- Installed staff gauges and survey monuments.



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# BUDGET

(AS OF 30 Sept 2004)

**FY 04**

<b>OE</b>	<b>\$2,554,200</b>
<b>HTRW</b>	<b><u>\$2,075,300</u></b>
<b>Total</b>	<b>\$ 4,629,500</b>
<b>Contract Awards totals:</b>	<b>\$ 4,275,910</b>

## **Contract Awards to date or in Progress FY 04:**

Recent contracts awarded:

- Horseshoe Pond BERA report
- Track K / Pesticide Drum Area SSP to RI report
- Pesticide Drum Area Engineering Evaluation and Cost Assessment (EECA)
- Data validation at JRB

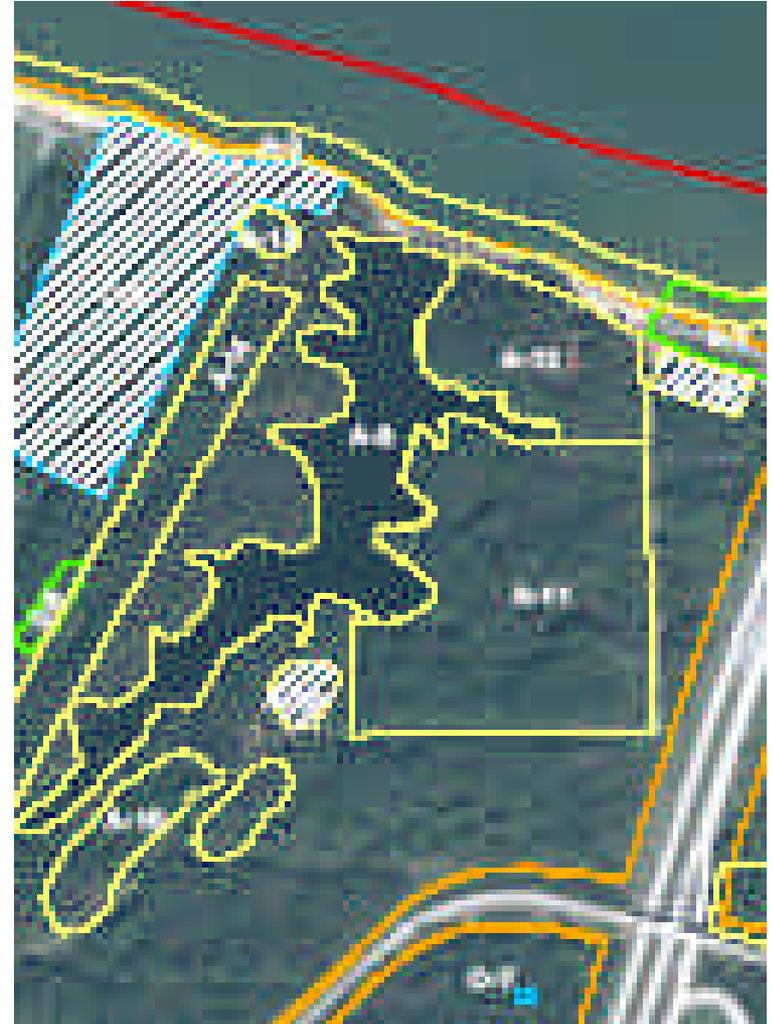


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# FY 05 Projects

Continue with the following investigations:

- Nearshore area SI
- NRB SI
- Track K Tire Pile Paint Can RI
- Pesticide drum area EECA
- HSP RI
- JRB RI
- TCC Lake RI
- Track G, H, I, and Marine Corps Power Generation Station SI



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# FY 05 Projects Cont

## Reduction in funding for MMRP:

- Funds were reprogrammed to emphasize HTRW projects.
- Impact – Remaining FY04 and FY05 funding levels are sufficient for Zapata Engineering to continue at the same operational level until Sep 05.



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# RAB Input for FY 05

## Project Priorities for FY 05

- Finish the Track K Tire Pile and Paint Can risk assessment
- Finish Pesticide drum area EECA
- Start removal action for Pesticide drum area
- New starts for FY 05

Track J Explosive Magazine track

Track K Explosive Magazine Line

## Cleanup Standards

- Desire for unrestricted use, where feasible

## Cleanup Technology

- Use of mechanical shaker



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# RAB Input for FY 05

RAB provided input on the following:

- Cleanup strategy at the main burning ground

Depth of MR investigation limited to 2 ft bgs.

No investigation in grids where GE removed soil and back filled with construction debris.

- At NRB MMRP on the wet side only until the HTRW issues understood.
- Site Management Plan (SMP) ongoing. Each year the SMP is reviewed, updated, and re-issued.



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# Questions?

