

**MEETING SUMMARY, FORMER NANSEMOND ORDNANCE DEPOT (FNOD)  
RESTORATION ADVISORY BOARD (RAB)**

To: RAB Members, Interested Parties  
 From: Adriane James, U.S. Army Corps Government Co-Chair  
 Sandra Chaloux, CEC, Inc., RAB Facilitator  
 Re: June 3, 2004 RAB Meeting Summary

<p><b>RAB Members Present:</b>          Fred Copeland          Tim Fink          Adriane James          Kevin Mattonen          Marian “Bea” Rogers          David Saunders          Cherie Walton          David Wigle          Debbie Miller          Rob Thomson          Thomas O’Grady</p> <p><b>RAB Facilitator Present:</b>          Sandra Chaloux</p> <p><b>RAB Members Absent:</b>          Russ Dudley          Bruce Johnson</p>	<p><b>Affiliation:</b>          GE          TCC          USACE, Gov’t. Co-Chair          Suffolk Resident          Community Co-Chair          Bennett’s Creek          Reactives Management Corporation          USACE FNOD Project Manager          VDEQ          EPA          City of Suffolk</p> <p>CEC, Inc.</p> <p>VDOT          Respass Beach</p>
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7:05 p.m.     **Introduction and Welcome/Call to Order**  
*(Sandra Chaloux – CEC, Inc.)*  
 The meeting was called to order. RAB members and guests then introduced themselves. No corrections were noted for the April 2004 RAB meeting summary.

7:30 p.m.     **Army Corps Update** *(David Wigle & Cheryl Fromme-USACE)*  
 David Wigle provided a handout to accompany his PowerPoint presentation which covered what his team has been doing since the last RAB meeting in April.

**Offshore Area Study**  
 The Record of Decision for the Offshore Area (for No Further Action) was signed by the EPA on May 24, 2004. The Army Corps also received written concurrence on the decision from the Virginia Department of Environmental Quality (VDEQ). This step essentially removes this area from the list of sites being addressed by the Army Corps under the Formerly Used Defense Site program. A public notice will be placed in the local newspaper to notify the public of the decision. Sandra has taken the lead on drafting and distributing the public notice and a press release to go out during the week of June 9.

**Land Use Control Implementation Plan**  
 The Corps continues to coordinate with the Suffolk City Planning Department and has made some revisions to the last draft Memorandum of Agreement (MOA) based on new military munitions response plan terminology. This has delayed the signing of the MOA. The Corps also modified its agreement with TCC to include the new terminology so there was a slight delay in that process. But TCC has since forwarded the MOA to the Virginia Community College System (VCCS) for review/approval.

In addition, the City of Suffolk is holding a public hearing on June 16 on the Suffolk Towers, LCC LLC and Bridgeway LP proposal to rezone the area to the south of the former Dominion Lands Area 1 2 where the Corps has completed OE removal efforts. The developer is looking to rezone the parcel into a residential, urban setting/office industrial light institutional area. A copy of the proposed plan was discussed/distributed at the meeting. The Corps requested that East West partners place a deed restriction on the parcel where the ordnance items had been removed. (Note: Following this meeting, East West partners sent a letter to the Army Corps agreeing to place a deed restriction on that parcel. Their proposed rezoning plan was approved on June 16.)

#### OE Removal Update

*TCC North Athletic Fields* - On May 10, the Corps' ordnance crew started work on the north athletic field at TCC. The crew is conducting an additional investigation of the area to confirm that all ordnance items were removed from the Corps prior removal effort there. The "dig" sheets from the prior effort were lost. The ordnance crew is reacquiring 187 anomalies (single point anomalies/magnetic signatures) from the prior effort. They are also investigating a 30-foot radius around each to be sure that all the OE items have been removed. The ordnance crew has already completed about 100 of the 187 investigation digs. So far, everything they have found during this effort has been inert (15 discarded military munitions this year) and munitions scrap such as nails, clips, wire. David reported that from April to May 21, 2004, the ordnance crew had removed 2 pounds of munitions debris and 80,056 pounds of non-munitions related scrap material. The Corps expects to complete this effort at the north athletic field by June. 17.

*GE Main Burning Ground* - Once the ordnance crew completes work at the North Athletic field, they will move over to the area north of Welner Drive (GE property) where they have 16 grids left to investigate. So far this year, 2 discarded military munitions items have been removed from the Main Burning Ground area along with 210 pounds of munitions debris. To speed up the effort at this site, the ordnance team is hoping to have a Mechanical Sifter on site in late June and operational by mid-to-late August. The Corps will coordinate with the affected landowners (Bridgeway LP) about the safety perimeter required around the sifter during the removal activities in these areas.

*New Munitions Terminology* – David presented a chart of the new munitions terminology that the project team is now required to use. The use of the new terminology became effective on Oct 28, 2003 and was issued by the Assistant Secretary of the Army for Installations. Rick Aiken highlighted some of the more important terms:

- MMRP – Military Munitions Response Program has replaces OEW – Ordnance and Explosive Waste Program
- MEC – Munitions and Explosives of Concern replaces OE, the universe of military explosives
- MC – Munitions Constituents refers to chemical contaminants associated with munitions

Rick went on to say that the Corps is now required to examine both explosive hazards and munitions/chemical constituents at ordnance sites.

*Project Budget* – As of May 2004, the Corps had contracted \$3,163,400 of its \$4.,579,500 budget for the FNOD project for this fiscal year. Recent contracts awarded by the Corps include:

- Installation staff gauges for groundwater modeling effort
- Asbestos Construction Support to OE investigation
- Disposal of Hazardouse wastes

- Field work for the TNT area Human Health Risk Assessment (error in my reporting, all field work completed)
- Group B Site Investigations: AOC 10 (Track G Explosive Magazine Line ) and AOC 11 - Track H & I Explosive Magazine Line

Pesticide Drum Area – David presented an aerial view of the pesticide drum area. The contaminants of concern are dieldrin and dioxin. The preliminary results from February 2004 soil sampling effort indicate that these contaminants are confined to the upper 6-inches of soil. Two sample locations were above EPA’s residential action levels for dioxin. Seven sample locations exceeded residential action levels for dieldrin and 3 sample locations were above industrial action levels for dieldrin. However, all the samples collected at depths of 12 to 24 inches were non-detect for both. He said that the Corps’ next step is a study called an Engineering Evaluation/Cost Analysis for a non-time critical removal action of the affected soil. This could take 6 to 8 months to complete.

In response to a question, David indicated that there has been a slight change in the team’s initial process at this site. They thought they were going to do the clean up activity under state guidance. New Corps guidance came out in March of this year stating that the Corps needs to follow the CERCLA process for all FUDs projects. He said we are now on a path we have elected to follow in order to keep our federal funding.

Cheryl Fromme spoke to a graphic representation of the pesticide drum area. She said that what they have now is a 45 square foot-area that contains a few concentrated samples that were above the industrial levels. The Corps is working with EPA and the state to figure out what to do in the area in between those two samples to bring the levels down.

Rick explained that the Army Corps attorneys informed the project team that they are not allowed to use project funds in any other way on FUDs projects except following the CERCLA process. The CERCLA process requires more administrative and public notification/comment steps, than the prior approach the Corps was going to follow. The prior approach involved a removal action with confirmation sampling and a close out report.

Track K Tire Pile and Paint Can Area – David presented an aerial of the area to show where the site footprint and location. Soil sampling was completed in February 2004. He pointed out two areas of exceedence that were found during sampling and reminded everyone that the contaminants of concern are dieldrin and dioxin. In the surface soils (0-6 inches deep) only one sample location was above industrial action levels for dieldrin and one was above residential action levels. All the soil samples collected at depths of 12-24 inches deep were below residential cleanup levels for both contaminants. Cheryl said that they are not planning a removal effort for the tire pile area. The project team is conducting a human health and ecological risk assessment to determine the next step. This site was designated as an NPL “Source area” by EPA. The Corps will follow the same CERCLA process (including a Remedial Investigation which includes the risk assessments and Feasibility Study, Proposed Plan, Public Notice and Comment Period, and Record of Decision). It is possible that the Risk Assessment will indicate that no further action is required since there are only a few “hot spots” with exceedences rather than a widespread problem over the area. Bea asked how the property is zoned. Pat Genzler pointed out that the parcel is currently zoned as state property but could be rezoned by the new owners to anything. Rick said that the Corps is striving to clean up the site to unrestricted use. David said it could take 8 to 12 months to complete work at this site. Rick pointed out that within a few months the Corps should know what is required, if anything.

TNT Area – The Corps is still working on developing the work plans for the Human Health Risk Assessment and Baseline Ecological Risk Assessment (BERA) in the TNT area. Caution signs were installed around the site on May 12. David said they met with the EPA & VDEQ in

Philadelphia on May 27 to discuss the objectives for the BERA. The Corps is waiting for comments from the regulators before the Corps can finalize the risk assessment.

Groundwater Conceptual Site Model– The Corps is working to replace staff gauges as a result of Hurricane Isabel for this effort. The intent of the groundwater study is to further define the movement of groundwater in the area. Rick reported that they have some good information, particularly that the groundwater flows away from the former Dominion Lands property where Bridgeway LP is located. He said if there is any groundwater contamination from the former depot, it is not moving south. The model helps the team know where to look when investigating sites. David said it will take another 9 to 12 months to collect the information needed to complete the model. He also said that so far, the team has not seen any contaminants from the former depot site migrating offsite and that Streeter Creek appears to be operating as a hydraulic divide preventing migration of contaminants from the former depot into Respass Beach.

#### Nearshore Area Resurvey

The Corps's contractor, SAIC, conducted another survey of the nearshore area following Hurricane Isabel based on questions posed by the RAB. The survey was conducted in February 2004. The study looked at sediment layers along the shoreline. David showed aerial photos of the shoreline sediment depositions for 2003 and 2004. He pointed out one area with the most change where there has been significant deposition of soil from shore due to erosion. This essentially means that shore sediments are on top of the 2003 river bottom sediments which would further reduce potential exposure to the original nearshore sediments. The results of the 2004 survey indicate that SAIC's model predictions for storm events were very accurate. Rick said the Corps was happy to know this, for future shoreline protection planning efforts.

#### TCC Lake Survey

David presented a graphic of the survey that was conducted of TCC Lake which showed the survey lines and depth of the water between 3 to 5 feet. SAIC conducted bathymetry and geophysical surveys of the entire lake. They then had divers investigate several ferrous targets at the north end of the lake and isolated ferrous targets at the south end. The result of this Screening Level Assessment indicated that more work is needed here. The human health issues from the risk screening indicate exceedances for heavy metals in sediments, surface waters, and fish tissue. The ecological issues identified during the assessment include heavy metals and exceedances of risk screening values in fish tissue, sediment, and surface waters. Pesticides are also present in sediments. The Corps is now proceeding with a full blown Remedial Investigation of the TCC Lake.

FY04 Project Priorities– The following are the Corps top priorities for this year:

- TNT Area – Human Health Risk Assessment (HHRA), Baseline Ecological Risk Assessment (BERA)
- Horseshoe Pond – BERA Field Investigation – Field work completed 21 May 04
- Main Burning Ground – Continue OE removal efforts
- Track G, H, & I AOC SI process
- Marine Corps Power Generation – Site Investigation
- NRB and WWTP: SI – work plan under review
- Pesticide Drum Area – continue with RI process
- Track K Tire Pile Area –continue with RI process
- TCC Lake RI process
- JRB RI process

Horseshoe Pond– The team completed their field work for the baseline ecological risk assessment at the Horseshoe Pond. They had low recovery of the rodents that live in the

general area and they have discussed the issue with EPA. This will require the Corps to do some further modeling of tissue samples for the ecological risk assessment.

Project CD – David asked for feedback on the project data CD and reminded the attendees that it contained documents, historical photos, GIS Layers and GIS software. Cherie said she thought it was great. Kevin asked if the Corps could remove the color from the layers so that it is easier to read what is behind the layers.

7:45 p.m

### **RAB Business**

#### Landowner Updates

GE – Fred said that GE is anxious for the Corps to complete the survey along Welner Road so that GE can put the parcel back on the market.

City – Tom O’Grady discussed the rezoning proposal before the City for the former Dominion Lands property. It is now being rezoned into two different categories a residential zoning and office and institutional zoning along Harbour View Boulevard. The proposal went to the planning commission last month and was approved. It will go to city council for public hearing on June 16 at 7 p.m. and the City Council can take action to either approve or deny the rezoning or delay it if they have more questions. Tom said he anticipated that it will be approved at the June 16 meeting. Rick discussed that his team coordinated with the developers to avoid residential development on former ordnance removal sites and the Corps has no objection to development for office or industrial. However, the Corps is concerned that the corner of the parcel is proposed to become residential even though the developer only has plans to put a community park there now. Rick said that the Corps was hoping that the developer could request another type of zoning for that parcel so that future owners would not be able to put houses on that corner parcel which was a former ordnance site. Bea suggested they could make the area a conservation area.

Tom talked about further development activity occurring within the former Dominion Lands property in the southeast corner at the intersection of Harbor View Blvd. and College Drive where there are three buildings proposed. Two new property owners could come into the picture to buy land. There are no environmental issues on that property and it is zoned for Office/Institutional.

#### RAB Business

Bea welcomed Mr. Branch Lawson (East West Partners) to the RAB meeting and extended an offer for him or someone from his company to be on the Board. Bea had asked that more notebooks and CD’s be made available for new RAB members and that one of each should go to Mr. Lawson. Mr. Lawson said he would try to have someone from his company attend the meetings.

Adriane extended an offer for one RAB member to attend Military Munitions Response Program (MMRP) training hosted by Norfolk District on the first day which is Wednesday June 23 which is a general overview including new terminology and issues dealing with public. The session will go from 8:30 am to 4:30 p.m. in the Federal Building in downtown Norfolk. There would be no cost to the RAB member who attends. She asked for the RAB to let her know who would be attending. Both Bea and Kevin expressed an interest. Kevin said he would email Adriane to let her know if he could attend.

Based on Adriane’s experience with several other RABS, Adriane suggested to the RAB that they start the meetings earlier and asked for comments on that from the RAB. The RAB decided to start the next meeting a ½ hour earlier at 6:30 p.m. to see how that would work.

Adriane recognized Fred Copeland for his service to the RAB. He is retiring from GE and will be leaving the RAB. She presented him with a coin that she received for him from Colonel Prettyman-Beck, Norfolk District Commander. Fred thanked the members of the RAB and said he will try and make future meetings.

Sandra reported that the next Restoration Newsletter that will go out mid-July. Some of the topics considered for the newsletter are the ROD for the offshore area which will be the big news story. The newsletter will also include updates on each of the site project areas that David talked about earlier today to keep the community informed. The newsletter will also include a short article on the new munitions terminology. Sandra asked RAB members for topic suggestions for the newsletter. None were offered.

Sandra provided an update on the Public Affairs Workgroup that met in the morning. She will be doing a press release to let the public know about the ROD. The next newsletter after the July edition will go out in September. The workgroup discussed holding a public meeting in conjunction with the October RAB meeting for Pesticide Drum Area activity. The work group also talked about several fact sheets including one on the Pesticide Drum Area, the Nearshore area, and an update of the project accomplishments fact sheet (the last one was prepared in 2001). The next Public Affairs Workgroup meeting will be on August 5 at 10 a.m. at Bon Secours so the work group can continue to plan for the October public meeting.

Kevin asked if the City, Virginia DEQ, or the landowners had links to the Corps' FNOD project website. He said that the activities at the FNOD site do affect other things happening in the area. Kevin thought that it would be a good way to help people to find the Army Corps' web site.

Cliff (Army Corps ordnance specialist) discussed his concern about kids and bicyclists (mostly teens) coming through the woods in the areas where the ordnance team is working on GE property now that the weather is nice. He said that the RAB may want to let folks know that there are some hazards out there and to be careful. He suggested that warning signs be posted in the area to inform people of some of the physical hazards out there such as old buildings that could collapse, ditches and wells. He also suggested presentations at the local schools about the hazards and the need to observe the warning signs. Fred added that GE has purposely not cut the weeds and grass this year in the area to try to deter kids/people from going back there.

8:15 p.m.

**Public Comment Period / Q&A**

none

**Establish Action Items/Set Agenda and Date for Next RAB Meeting**

The next RAB meeting was set for August 5, 2004. There will also be a public affairs work group meeting that morning at 10 a.m. The RAB meeting will be held at the Bon Secours Health Center at Harbour View at **6:30 p.m.** The meeting room is on the second floor.

**Agenda items** for the next RAB meeting: Usual updates

**Action items:**

- Adriane/Sandra to provide Mr. Lawson with RAB notebook and project CD
- Seek opportunities to have other entities link to Army Corps project website
- Presentations/Information to local schools about physical hazards at site

8:30 p.m.

Meeting Adjourned

<b>Others Present:</b> Gerald Rogers Rick Aiken Cheryl Fromme Harry Wheeler, Jr. Pat Genzler Cliff Walden Megan Arts Gloria Markovci Suresh Kikkeri Branch Lawson Dave Schlek	<b>Affiliation:</b> USACE Public Affairs, Norfolk District J.M. Waller & Associates USACE-Norfolk District Tech Law, Inc. Virginia Community College System Zapata Engineering CEC Associate USACE-Baltimore USACE –Baltimore East West Partners Daily Press
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