

**MARE ISLAND NAVAL SHIPYARD  
RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES  
HELD THURSDAY, January 24, 2008**

The Restoration Advisory Board (RAB) for former Mare Island Naval Shipyard (MINSY) held its regular meeting on Thursday, January 24th, at the JFK Library, Joseph Room 505 Santa Clara St., Vallejo, California. The meeting started at 7:04p.m. and adjourned at 8:35 p.m. These minutes are a transcript of the discussions and presentations from the RAB Meeting. The following persons were in attendance.

**RAB Community Members in attendance:**

- Myrna Hayes (Community Co-Chair)
- Michael Coffey
- Kenn Browne
- Paula Tygielski

**RAB Navy, Developers, Regulatory and Other Agency Members in attendance:**

- Michael Bloom (Navy)
- Tony Megliola (Navy)
- Liz Barr (Navy)
- Gil Hollingsworth (City)
- Chip Gribble (DTSC)
- Brian Thompson (Water Board)
- Steve Farley (CH2MHill/Lennar)
- Neal Siler (Lennar)
- Dwight Gemar (Weston)

**Community Guests in attendance:**

- Dijj Christian
- Debbie de Leon
- Jim Porterfield
- Tim Baskerville
- Susan Nichols

**RAB Support from CDM:**

- David Lange (CDM)
- Carolyn Moore (CDM)
- Doris Bailey (Stenographer)
- Wally Neville (audio visual support)

**I. WELCOME AND INTRODUCTIONS**

CO-CHAIR BLOOM: Okay. We'll go ahead and get started. Thank you everybody for coming. This is the January, 2008, RAB meeting at Mare Island. I'm Michael Bloom. I'm the Navy RAB co-chair and BRAC Environmental Coordinator. We'll go around with introductions.

CO-CHAIR HAYES: And I'm Myrna Hayes, the Community Co-Chair.

MR. BROWNE: Kenn Browne, committee member with the Solano group of the Sierra Club.

MR. GEMAR: Dwight Gemar with Weston.

MR. COFFEY: Mike Coffey, RAB member from American Canyon.

MR. GRIBBLE: Chip Gribble with California EPA Department of Toxic Substances Control.

MR. HOLLINGSWORTH: Gil Hollingsworth, City of Vallejo.

MR. FARLEY: Steve Farley with CH2M Hill.

MR. THOMPSON: Brian Thompson, the Water Board, San Francisco Bay Region.

MS. TYGIELSKI: Paula Tygielski from Benicia.

MS. DE LEON: Debbie De Leon with Tetra Tech EMI.

MR. SILER: Neal Siler with Lennar Mare Island.

MR. BASKERVILLE: Tim Baskerville, resident, Mare Island.

MS. NICHOLS: Susan Nichols, homeowner, Mare Island.

MR. MEGLIOLA: Tony Megliola with Navy's BRAC office in San Diego.

MS. BARR: Liz Barr with the Navy.

MS. CHRISTIAN: Diji Christian.

CO-CHAIR BLOOM: Thank you. Before we get into our actual first presentation, I'm going to turn it over to Dwight Gemar with Weston to give the Weston update as Dwight has to leave early this evening. So, Dwight –

## **II. Weston Update (Dwight Gemar)**

MR. GEMAR: Yeah, thanks, Michael. Sorry about the scheduling conflict and, plus, I didn't take my medication this morning, so I need to get out of here soon. But hopefully everybody's got a copy of the Weston update. We have a few documents that are in progress. There's post closure care plan that goes into effect after the landfill area cap is completed, and that's under review by the agencies. Also, the agencies have what's called a conceptual site model which basically summarizes the results for the munitions removal work out at the Western Magazine Area and IR 05. Also, times flies when you're having fun, we are in the process of completing a five year post remedy selection review for the Western Early Transfer. You might recall that that was transferred from the Navy to the State of California in September of 2002. So, under CERCLA every five years you do a review of how the remedy selection is working, so that's -- Chip is taking a look at that and ultimately that will be a product of DTSC. And also we're working on the Draft Final Remedial Investigation report for IR 05 in the Western Magazine Area.

The only field activity that we're currently undergoing is a radiological survey of the two former outfalls that are in the northern portion of the Western Magazine Area. You can see in the photo of a small cart that's used. There's a radiation detector on the bottom of that cart, and a navigational positioning sensor on the top, and then some electronics that goes with that, of course. And so they basically paint -- go back and forth over the outfall area, and the detector measures the radiation levels as they push the cart along, and the navigational system pinpoints exactly where the cart is spatially at any point in time. And so once that area has been surveyed, we'll take a look at the data in order to determine if there's -- if there appears to be any elevated levels of radiation. You might

recall that in outfalls oftentimes we run into these luminescent buttons, and they do have a radioactive component. So the concern is that if any of those broke apart or whatever, there could be some residual contamination in the soil, and so that detector is there to check that out. On the right-hand side there's a picture of part of our newly created wetlands that were excavated and graded and planted last February. And actually there was obviously a typo there, that should say February, 2007, sorry about that. So these wetlands have been planted for a little less than a year, and you can see that they're making good progress in terms of the vegetation that we're looking for. And also in the lower right is a summary of the progress over the last couple of years of the portion of the containment area that has been completed in terms of the engineered cap. And that kind of yellowish piece on the bottom is what we anticipate to complete in 2008 which will finish off that 72 acre cap area. So I'd be happy to answer any questions that someone has before I exit.

CO-CHAIR BLOOM: Thanks, Dwight. With that, we'll go to our --

CO-CHAIR HAYES: Well, since Dwight is going to leave, I think it's only fair that before you leave that I personally thank Weston and -- as well as many other sponsors for your tremendous contribution to the San Francisco Bay Flyway Festival coming up next week as our festival host, you'll see on this brochure and on our website. But I wanted to thank you before you got out of here, again, for tremendous support at many different levels, operationally as well as financially. So thank you, Dwight.

MR. GEMAR: Should be a good year. There's plenty of waterfowl out there, I'll guarantee you that.

CO-CHAIR HAYES: Yeah.

CO-CHAIR BLOOM: Okay. We'll go into our first presentation. It will be given by me.

### **III. NAVY PRESENTATION: *Review of Navy Environmental Program – Fiscal Year 2007 Accomplishments and Fiscal Year 2008 Plan***

#### **Presentation by Mr. Michael Bloom, BRAC Environmental Coordinator, Navy**

CO-CHAIR BLOOM: All right, what I'm going to do is I'm going to talk about our fiscal year 2007 accomplishments, our environmental work that the Navy performed, and documents that we submitted. And kind of go over what our plan is for this fiscal year '08 which actually started October 1st of last year. So really how the presentation is broken down is to kind of go through the field work that we did, the documents that we distributed, and then the community outreach such as the RAB and other items that the Navy participated in. And then the same thing for '08; go through what we are anticipating our field work will be, what documents we're going to submit, and the same for the community outreach.

So in '07 one of the things that we did was our Non-Time Critical Removal Action at the DRMO area, which stands for Defense Reutilization and Marketing Office in the former scrap yard area or the FSA. And this was some work that was completed by Weston for us. And those are pictures of the work done. And we had a couple presentations, I believe, last year on that. Next, please.

We also did some investigation work in the F1 area down in the south part of the island. We did some additional soil and groundwater sampling along with PCB sampling and underground storage tank sampling. The next slide, please.

And one of the big items that we began at the end of the '07 fiscal year was our Time Critical Removal Action, a big one at four sites, IR-04 and IR-05, the paint waste area, and the horse stables

area. And there's some pictures of some of the work, really that's at IR-04. And we're actually still in the process of completing the removal action in some of the areas. And we had a couple presentations on that as well as a public meeting. Next slide.

Some other field work that we performed -- We did the offshore pilot study in Investigation Area K. We finished the Marine Corps Firing Range removal action. They did some -- at one time, I guess we perform it annually where we do the detonation of the MEC items down on the island. And we performed our -- we had an underground storage tank in the 993-4 area in the northern part of the island at the end of the fiscal year of '07. Next, please.

And many documents were submitted in the last fiscal year. We submitted our Final FOSTs in both the elementary school site and the northern sliver site. We submitted our Draft Geophysical Investigation at the production manufacturing area and south shore area as well as updating the conceptual site model for the MEC work at the PMA and SSA. We submitted our, like I mentioned earlier, our Final TCRA completion report for the Marine Corps Firing Range work. And we submitted a Draft Remedial Investigation for the offshore munitions and explosives of concern or MEC, an intrusive investigation for the offshore. The Draft TM or tech memo pilot study for the offshore sediment investigation, which I described earlier, the Final Work Plan for the TCRA work at those four sites and an action memo which was a combined action memo, interim Remedial Action Plan with the state. And we submitted a Draft Technical Memorandum for the TPH or total petroleum hydrocarbons at the DRMO site and vicinity which we are doing some field work -- just finished, and we're going to continue doing that, and we had a couple presentations on that as well.

As far as community relations, we held our RAB meetings, 11 last year. We had one public meeting; I believe it was in August, for the time critical removal action. We participated in the Flyway Festival last year as well as the 150th anniversary celebration of the Naval Ammunitions Depot. Some neat pictures of my Navy people working there, Mark and Marie, and Dave Clark who is now assigned to another base.

There will be a couple slides, Dwight already went through them, I believe, in his update. With some of the work that Weston is doing, the Navy still owns the land even though this was included in the western early transfer. But Dwight did mention just in the last ten minutes his H1 work. Next, please. And talked about his wetlands creation. Next. And at IR-05 where we did a removal action we also collected groundwater samples, and it talks about how much cubic yards they removed. The same at the Western Magazine area they collected soil and sediment samples in support of the remedial investigation, and talked about, I believe there was presentations on this at the RAB, all the geophysical anomalies that they investigated and recovered, 769 MEC items.

So for '08 you can see the laundry list there. But we're going to continue and we're going to complete the TPH investigation at the DRMO and the adjacent areas. We're going to conduct the non-time critical removal action at the PMA and south shore area for the MEC. Complete the TCRA work that we've started at the four sites at IR-04, IR-05, the horse stables area, and the paint waste area. We're going to conduct field work and lab analysis and data validation for underground storage tank sites, four of them there. We're also going to conduct the TPH hot spot removal within the Investigation Area A2 in the northern area. We're going to conduct an offshore RI and baseline ecological risk characterization in the offshore. We're going to conduct a monitored natural attenuation groundwater study in the F1 area, and PCB sampling and abatement in various areas.

And the next two slides are a laundry list of documents that will come out based on the field work or pre-field work. So at IR-17 we're going to produce our Draft EE/CA, engineering evaluation cost

analysis, along with an action memo and work plan to then go ahead and go out and do field work at Site 17. We're going to produce the Final Sampling Analysis Plan for UST site 655. And the Draft Corrective Action Work Plan for UST 993-4. And for Investigation Area A2 we're going to complete our revised Final RI report which we're in discussion with agencies currently. Then we'll issue, if that is finalized we will -- and agreed upon, we will complete our proposed plan and RAP/ROD. And we're also going to produce that Final Corrective Action Plan for the TPH there that I mentioned earlier. In Investigation Area C-2, which is the Building 742 area degreasing plant, we completed our Final Expanded Site Inspection report already at the beginning of fiscal year '08, and we're issuing a Draft EE/CA and an Action Memo and Work Plan for that work this fiscal year. And at Investigation Area F1 we've got a Draft Final RI report and the MNA groundwater sampling and analysis plan.

CO-CHAIR HAYES: What's MNA?

CO-CHAIR BLOOM: Monitored natural attenuation.

And in the F2 area the Final RI should be issued. In the DRMO area, as I discussed earlier, the documents coming out will be the Draft, Draft Final, and Final Removal Action summary report from the removal action that was completed. And a Draft Final and Final Tech Memo for the TPH work that we're still going to work on. In parcel three, we have -- which is the Army reserve area, we have a Draft, Draft Final, and Final IR-14 RCRA closure plan for the pipeline area, pipeline in that area. In the Carquinez Strait in the offshore munitions area, a Draft Final and Final RI report. And in the fleet reserve pier area, a Draft Final and Final supplementary SI report and Conceptual Site Model that we're working with the agencies currently. At the offshore area, Area K, Draft, Draft Final, and Final Work Plan and SAP for the remedial investigation. And in the PMA and SSA, complete the geophysical investigation report, and then issue our Draft EE/CA and Action Memo to perform the work there in the MEC. And in the IR-05 and Western Magazine area, issue the Draft Final RI report and the Draft and Draft Final FS report in those two areas. Obviously we will continue with the RAB. We're going to be at the Flyway Festival next week. We'll have -- we'll be hosting our RAB tour, three different tours on that day. Same tour, but three different times. Next, questions. Any questions? Any comments?

CO-CHAIR HAYES: Can you tell us what your budget is for doing all that stuff? How much you're planning to spend this year?

CO-CHAIR BLOOM: Yes, the budget for FY '08 is approximately 11.3 million.

CO-CHAIR HAYES: Okay. I'd just like to suggest that you add a -- for 2008 your community relations activities, or however you include the RAB tour, that we put another one on there. Because I don't know how many RAB members are actually going to get to go on this tour. So sometime in this next year, maybe one or two additional RAB tours of environmental cleanup sites.

CO-CHAIR BLOOM: Yeah. And as we get more into actual field work for some of that work, it will be obviously a better time to do it.

CO-CHAIR HAYES: Yeah, you should add that -- or I would like to recommend that you add that to the community relations projection.

CO-CHAIR BLOOM: Okay.

MR. COFFEY: I second that.

CO-CHAIR BLOOM: Got it. All right. Thank you, everybody. I guess we'll turn it over to Neal. He's going to do a presentation on the eastern early transfer parcel update.

CO-CHAIR HAYES: While Neal is getting ready for his report, I have a question actually. You went along and covered lots of territory all over the island. I have a question about the fleet reserve pier and berths one and two munitions area. Did you ever give us a presentation on that area?

MR. COFFEY: Not that I know of.

CO-CHAIR HAYES: I don't recall what your conceptual side model is or really anything on that site.

CO-CHAIR BLOOM: I actually don't know if we did, to be honest. I'm trying to think back in my memory, I'd have to look at the agendas, but I don't know. We'll make a note of that.

CO-CHAIR HAYES: Okay.

#### **IV. LENNAR PRESENTATION: *An Eastern Early Transfer Parcel (EETP) Update* Presentation by Mr. Neal Siler, Lennar Mare Island**

MR. SILER: Okay. Well, just like Michael did in talking about the plans that the major accomplishments and plans that the Navy had for 2007 and 2008, I'm going to talk about what we did on the eastern early transfer parcel in 2007 and what the plans are to accomplish in 2008.

What I'm going to go over -- and I'm going to do this by investigation area. And if you remember the layout of the eastern early transfer parcel -- and we're passing out the eleven by seventeen handout that we usually hand out at this meeting, it will give you a better idea. But there's about 650 acres that encompass the eastern early transfer parcel. It was originally divided into eight investigation areas. And with coordination with development activities and the environmental cleanup of the site, now it's actually been subdivided into twelve investigation areas. And what I'm going to talk about tonight is some of the major investigations that we've accomplished, and remedial activities in 2007. I'm going to talk about the documents that were submitted in 2007 and finalized as well as, some of the things we're going to be doing in 2008. And the focus of our accomplishments in 2008 is going to be to try to get no further action certifications in two investigation areas, and that's Investigation Area B.2, and also Investigation Area C-3. B.2 is the historic town center, the historic core, and that's where our office is located on Mare Island. And C-3 is the area where the dry docks are located. If I could have the next slide, please, Debbie?

So the first area I'd like to talk about is Investigation Area B. And one of the major accomplishments in 2007 was to have DTSC approve the remedial action plan for a portion of that parcel, which is Investigation Area B.2. And this investigation area covers about ninety acres. Investigation Area B.2 is about 83 acres, the remaining portion of that is Investigation Area B.1, which is the former crane test area, which you can see is this area right out here, with the remaining of the area back in here. And that's our office located right there. The other thing we're able to do in this area that the Regional Board helped us with was to close out the two remaining fuel oil pipeline sections. And we took care of that in the latter part of 2007. Now, what we really want to accomplish in this area in 2008, and now remember the focus is to get no further action certification, or NFA, in this area. But we need to finalize, complete some investigations in B.2. And those are going to be around Building 455, Building 803. Building 455 is a PCB site that we're going to complete. Building 803 is the area where there was a spill of metals and pesticides. And then underground storage tank 839. What I'm going to be doing is there's some abrasive blast material that was used as backfill at that site, I'm going to remove that. We're going to take

confirmation samples at that point. And depending if we have still high levels of TPH, if we do have those levels, CH2M Hill is going to continue the investigation from that point. And if not, then we can close it out and there will be some other additional investigations that CH2M Hill will be doing, but probably not any additional excavating. And with that, we should be able to finalize the implementation report for Investigation Area B.2 which will close out that area. And then we can focus on the crane test area, Investigation Area B.1, and finalize a remedial action plan for that. If I could have the next slide, please, Debbie?

Now, jumping down to the area that's immediately to the northeast of Investigation Area B, this is Investigation Area B, this is Investigation Area point C1 which is located along the northern portion of the eastern early transfer parcel right along Mare Island Strait. What we're doing here is we're really getting going in trying to get some of the investigations or remedial activities going that we will include in the remedial action program for this site. So what we've been doing this year is trying to make sure we have regulatory concurrence with the approach. And we've done that with the real investigation feasibility study which was submitted a couple of years ago, and we're trying to get that finalized right now. One of the areas that's down in the southeastern portion of this parcel, which is investigation area, Installation Restoration Program Site 15, which has the coordinated solvent plume issue in that area, we're putting together a feasibility study, and probably going to do a pilot test in that area, installing wells and actually adding a carbon substrate to see if we can get that to help break down the chlorinated solvents in that area. We're also going to be looking at an area in the northeastern portion of that parcel which is IR-03, and that is a petroleum hydrocarbon issue in that area. So we're going to be working in that area quite a bit. And then also Building 461, we presented the approach in that area, and the constituents are concern there are lead. Now, what we plan to do in 2008 is we plan to finalize the remedial investigation feasibility study. We plan to complete the IR-15 pilot test, and present a Removal Action Work Plan and get that finalized, and start doing the work out there. And we also plan to complete additional characterization that needs to be done at Building 461, and then present a Feasibility Study and Removal Action Work Plan for that area. Next slide, please, Debbie.

So the next area is Investigation Area C-2. And this is the major industrial core of Mare Island. What we were able to accomplish in 2007. We were able to close or do additional investigation at seven underground storage tank sites. We performed additional investigations for free product of petroleum hydrocarbon at IR-21, this area right here. And we performed a remedial action -- removal action here at the Building 690 yard which is located right to the south of Building 690. This is a petroleum hydrocarbon issue here. This over here is a lead issue.

Now, what we plan to do in 2008 is finalize the remedial action plan and then start implementing that plan. The next slide, please. Now, one of the other areas we want to focus on this year is Investigation Area C-3 which is, again, the area where the dry docks are located. We completed and performed remedial actions for PCBs in the storm sewer at Building 516. You can see those located on the slide. We completed what's called an ultraviolet optical screening tool investigation - - I talked about that earlier last year -- investigations at underground storage tanks 102 and 142. And then we also submitted the Draft Implementation Report for Investigation Area C-3. What we have to do to finalize that implementation report is we need to complete some additional investigation and remedial activities at a number of underground storage tanks and PCB sites in that area, and then we should be able to finalize the implementation report and obtain no further action certification for this area. If I could have the next slide, please, Debbie?

Now, if you look on the eleven by seventeen page that was handed out -- I didn't put a location map in here. But there are some other areas that we've been dealing with, and we're doing some post remedial action work in these areas. And one of them is Investigation Area D1.3 which at one point was part of D1, and then that got broken apart to D1.1 and then D1.2. And we didn't want to stop there, so we broke it down into another area and made a D1.3. So that's actually comprised of three separate areas. The first area is the success center which is located right to the northeast of the Mare Island Elementary School. And we're going to be doing some removal of lead in soil along one of the building walls in that area. In fact, that work is going on right now. We're also going to be performing an investigation at the other area in the D1.3, and that's around Building 84 which is the former brig on Mare Island. And I know a lot of you have probably seen that building out there. But there's a couple of things we have to do out there. There's some PCBs in a mezzanine area out there. Some oil stains we have to clean up. And there's also a black material that we discovered as we were doing the PCB remediation of the floor that we have to deal with. We're going to have to do some additional investigations for that, and probably do some outside work around the building in that area. And the last thing we're going to do is the former shoreline -- western shoreline, we have to do some additional investigations out there. But because of the fact that that potentially could be an outfall site, when we do those geotechnical investigations, to be able to stabilize that area we're going to have to have some MEC support out there, and Weston will help us do that.

The last area I want to talk about is Investigation Area H2 which is located on the northeastern portion of the island. When you go out toward the Navy's property out at the landfill Investigation Area H1, we're going to be doing a large scale petroleum hydrocarbon removal that's associated with UST 231 in that area. Thanks very much. Next slide, please.

Now, in addition to these investigation areas, there are a number of programs that are part of the remedial activities on Mare Island. There's the fuel oil pipeline program, the underground storage tank program, and there's also a polychlorinated biphenyl, PCB, site program. The first one I'm going to talk about is the fuel oil pipeline program. There are 111 segments of the fuel oil pipelines that we have investigations -- that need to have investigations done on our property. In 2007 we were able to close six of those segments, bringing the total to 61 out of the 111 segments, or about 55 percent.

Now, some of the accomplishments that we were able to perform or complete in 2007: We completed additional investigations and excavations at twelve FOPL segments. A fuel oil pipeline is just a FOPL, it's an acronym for it. We finalized the Interim Remedial Action Work Plan for FOPL segments in IA-C1. And, again, as I mentioned before, I was talking about at Investigation Area B.2, we were able to close out two FOPL segments in Investigation Area B.2. What we want to do in 2008 is continue with that program as far as the implementation of the remedial activities in Investigation Area C1 and C-2, but to be able to do that in Investigation Area C-2 we're going to have to submit the interim remedial action work plan for the FOPL segments in that area and then implement that program. Next slide, please, Debbie.

The next program that I'm going to talk about is the underground storage tank program. There are 112 underground storage tank sites on the eastern early transfer parcel. In 2007 we were able to get closure for four of those sites, bringing the total to 78 of the 112, or 70 percent of those areas. And with CH2M Hill and the water board's help we actually closed another site -- you can take a look at that eleven by seventeen figure -- since we completed our activities in 2007. So we're up to 79 out of 112 sites right now.

Now, for 2008 what we really want to do is we want to perform additional investigations at thirteen sites. Depending on the results of those investigations, we may have to do additional remedial activities or corrective action activities. Or we may be able to request closure depending on what we find in those investigations. But we know at least nine of those sites are going to require corrective action plans, so we're going to be submitting corrective action plans for nine of those sites. Probably implement the corrective action for at least nine of those sites. And then potentially submit corrective action summary reports for some sites that we actually completed this year, so bringing the total to 16 sites in 2008 that we'll be looking for closure. Next slide, please.

The last program I'm going to talk about is the polychlorinated biphenyl program. There's 570 PCB sites on the eastern early transfer parcel. To date we've closed, at least through 2007 we've closed 421 of 570 of those sites, or about 74 percent. We actually did that by closing seventeen sites in 2007. As you can see, we did a lot of work. We worked at 28 sites, submitted 41 PCB documents to DTSC and the United States EPA. What we really want to do in 2008 is complete all the remedial actions at the remaining known PCB sites, and then actually implement a number of actions at some of the unknown sites. And of these 570 PCB sites, you get this thing about known and unknown sites, 435 of them were listed in the consent agreement, so that means there's about 145 unknown sites. When we actually got to Mare Island and started looking around, we found 145 additional sites. We'll be working on closing those sites out this year also, in the next year. The next slide, please.

So as you can see, 2007 was a very good year for performing environmental work on the eastern early transfer parcel. We were able to do quite a few investigations and close quite a few sites on the eastern early transfer parcel. We've submitted and received approval for a number of documents during 2007, and plan to continue that during 2008. And, again, the major focus for us is to get closure of Investigation Area B.2 and Investigation Area C-3 in 2008.

So with that, if anybody has any questions, I'd be glad to answer them for you.

CO-CHAIR HAYES: I had a couple of questions. First was -- well, let's see, take me a second to whip back through here. I forgot about the cranes on Mare Island when I wrote the subtitle on 'The What's New' in this brochure that says cranes in San Francisco Bay. I forgot about these cranes, but we don't have other kinds of wildlife cranes. We have a great show coming called "Grandfather's Dream" at the festival, and it's going to be about cranes in Vietnam and the story there.

When you say lead in soil work at the success center. That success center looks like it has just a chronic or else a systemic or some kind of a moisture issue that caused the paint system to fail -- the coating system. It's already been scraped and painted once and paint is now peeling off again. What -- and on the other -- on many of the other properties in D.1 -- well, all over, you have implemented a lead paint containment job before you've gone and done the lead and soil removal. That -- I probably know how you could fix that wall -- those peeling paint things on the success center in a more permanent way. But what are you going to do in conjunction with this lead and soil remediation to make it so that we have some assurance that it's not going to just all peel off the week after you get your approval?

MR. SILER: Well, one of the things we're doing in the success center, and we'll be doing actually in the spring, is this is the first phase of actually the beautification of the success center area. And what I have to do is I have to take care of this one issue on this one wall on Building 737 because we had some residual paint or lead in the soil that was left over, should have been picked up before, but it wasn't, so we're going to go back and pick it up. After that we're going to go through the

entire containment program of the paint, and we're actually going to repaint, stabilize that paint surface, and take all the flaking paint off the building. We're going to go through a paint stabilization program, and they're going to repaint the entire structure. After we do that then we're actually going to go over the entire success center.

CO-CHAIR HAYES: Why would you be doing your lead removal in the soil and then trying to go and get all that paint off? That sounds counter intuitive.

MR. SILER: When we painted it was not lead-based paint. What they did was they actually scraped it down to a substrate before. Okay. Now, I don't know who did that, but obviously, you know, it needs to be done again. And we plan to be using a different type of paint materials so that, you know, it actually takes a much longer time than the lead-based paint if it would deteriorate. But our plan is to basically use a stabilization technique that will prevent that from happening in the future.

CO-CHAIR HAYES: Well, sometimes when paint has just -- lead paint or any other kind of paint has delaminated, if you will, from the building, it will never be able to be -- like -- glued back on. So I don't doubt that you've hired the very finest in paint -- painters, but there's a good chance that a much better remedy would be just to plain strip that side and then have all new.

MR. SILER: And that's what we're planning on doing. If you take a look at that, you can see where a lot of it has been delaminated. So as much as we can get off we're going to get off down to the substrate, put some sort of an encapsulate stabilization on top of that, and then repaint it.

CO-CHAIR HAYES: Does it have a new roof or anywhere near a new roof?

MR. SILER: I think there was a new roof put on a few years back, I'm not sure.

CO-CHAIR HAYES: Because it just looks like you have something systemic going on there, either a drainage issue or -- but anyway. So I see that you put a lot of money into painting, and then now paint is starting to peel again, so -- And so my next question is, on the eastern early transfer parcel, that was consummated about March, 2002, so you're coming up on five years also, you didn't have any corrective -- I mean, I don't think you have any reviews because that was just the transfer there like Weston has for that remedy in the western parcel. But we were told at that time that you planned -- you, Lennar, and CH2M Hill planned to have all of the work done in this ESCA in three to five years. So we're now coming up on the outside edge of your projection. Do you have any clue how many more years you'll be working to complete the conditions of the ESCA?

MR. SILER: The important thing right now is to have everything completed in late 2009, early 2010.

CO-CHAIR HAYES: So it will be more like seven to eight years?

MR. SILER: Probably.

CO-CHAIR HAYES: That still sounds reasonable. The other sounded a bit ambitious. But I guess possible. Oh, and that reminds me, I had one other question about that. Your closure programs or your work plans, those were driven primarily by reuse. Is it still the case that you -- your cleanup schedule is based on reuse plans? That was the whole concept of the early transfers was that we could get in and get the properties that would be likely to be most reusable for economic generation cleaned up first.

MR. SILER: And that's why we're focusing on the Investigation Area B because that's going to be the town center area, kind of like the area where most of the commercial development is going to take place, and that's why we're focusing on that area right now.

As far as reuse, I'm not sure what your question is. Is it -- the type of reuse governs the type of cleanup that we do, whether it be residential, we clean up residential --

CO-CHAIR HAYES: No, I understand that.

MR. SILER: -- versus industrial --

CO-CHAIR HAYES: No, my question really is the beauty of having the developer do the cleanup was that the developer was going to be able to -- who could prioritize where the economic engine was going to be for the development. They prioritize the cleanup based on where the juice was. So now that houses are kind of like off the map right now, where is your next engine that -- and where is the environmental cleanup?

MR. SILER: It's the commercial development. And so that's why we're focusing on the Investigation Area B to stimulate that commercial development in that area.

CO-CHAIR HAYES: Yeah, because it -- you know, I knew they were linked, but I can't quite figure out how to decide where you go next. And, you know, I will. I'm all for getting it all cleaned up, but I understand you can't do it all at the same time. So I'm just curious to know where you were headed next. Thank you.

MR. SILER: Anybody else?

MR. GRIBBLE: So the first schedule that was ever produced for the cleanup here, which was written in '93, gave a completion date of '96. So I think Lennar is doing much better on their estimates than some of its predecessors.

MR. FARLEY: Is that 2096?

MR. GRIBBLE: Going back to that -- the -- is it board's fellowship building?

MR. SILER: Yeah.

MR. GRIBBLE: What's the cleanup standard?

MR. SILER: It's unrestricted.

MR. GRIBBLE: No, I mean the cleanup goal, the concentration level?

MR. SILER: The cleanup goal for that area along that drip line is 210 milligrams per kilogram. That's the average lead in the soil. No one sample can be above 400 milligrams per kilogram.

MR. GRIBBLE: Okay. And when was that building cleaned last, painted last, do you know?

MR. SILER: I think it was a few years ago that it was painted.

MR. GRIBBLE: So you're talking about after the early transfer?

MR. SILER: Yes, it was after.

MR. GRIBBLE: And they took it down to the substrate?

MR. SILER: I think they took down a lot of it to the substrate.

CO-CHAIR HAYES: No. No, they just scraped.

MR. GRIBBLE: My recollection, which is certainly not complete, was that it was painted in the late nineties. It was not taken down to the substrate, but it was rather painted over.

CO-CHAIR HAYES: Yeah.

MR. GRIBBLE: And so maybe your -- you must be referring to a more recent repainting.

MR. SILER: Yeah, that was the one that we did.

MR. GRIBBLE: Okay. And then in the Building 690, you said there was a lead problem there?

MR. SILER: Yes.

MR. GRIBBLE: And that was in the soil around it or underneath it, or can you --

MR. SILER: It's in the yard that's right to the south of it.

MR. GRIBBLE: To the south?

MR. SILER: Yeah.

MR. GRIBBLE: And what concentrations of lead did you have there?

MR. SILER: Steve, do you remember what the concentrations were in that area? I couldn't remember off the top of my head.

MR. FARLEY: No, I don't remember those.

MR. SILER: I think there were some that were in the thousands of milligrams per kilogram lead. I think there was one place there was about 7,000, and there was one place there was about 1,500.

MR. GRIBBLE: So that was fairly shallow then, I take it?

MR. SILER: You know, I think probably most of the investigation was probably less than six feet.

MR. GRIBBLE: And then the IR-15 you can start with the pilot study and then you're going to move toward a removal action; is that right?

MR. SILER: What we're going to do is -- first of all, this is supposed to be a treatability study. We looked at that, going and taking actually samples from the field, taking them back to the laboratory, and then deciding exactly what type of a substrate to use. But after further evaluation we probably said, maybe that's not the best way to go, maybe we should go, after talking it over with the water board and with RPM's from DTSC, that the best way to go would be just to go ahead and start doing the pilot study and determining exactly, you know, what areas need to be remediated, what strengths of substrate or the concentrations or amounts need to be added, and then try to get some idea of what we have to do at that point. And hopefully if that shows any success, then we hope to put that into a full-blown program.

MR. GRIBBLE: So what's the estimated point in time that you would be at the point where you'd be proposing your final removal action or cleanup?

MR. SILER: I think that's probably for this, I think, summer. Is that right, Steve?

MR. FARLEY: Yeah, depending on the results of the pilot study, it's this year.

MR. SILER: It's definitely this year. I'm pretty sure it's sometime in July, August, that timeframe.

MR. SILER: Okay. Anyone else? Thank you very much.

CO-CHAIR BLOOM: Thanks, Neal. With that, we are at our first public comment period. Is there any public comment? If not, we'll go ahead and take our break. (Thereupon there was a brief recess.)

**V. ADMINISTRATIVE BUSINESS (Myrna Hayes and Michael Bloom)**

CO-CHAIR BLOOM: Okay, everyone. We'll go ahead and get started with our second half of the meeting. Okay.

First item on the agenda is for the administrative business and announcements. I would ask if you have any comments from our November 29th meeting, please get them to me and/or Myrna. That would be great.

I also have one other announcement I'd like to make for the March RAB meeting. Not February, not next month, but for the March meeting we would like to move the RAB meeting date from -- I believe the last Thursday was March 27th. We would like to move it up one week to March 20th. Is there any -- I mean, you know, anybody have any problem with that? If everyone is fine with that, we're going to go ahead and do it. Do we have any --? Everybody fine with that?

All right. So our March meeting will be March 20th instead of March 27th.

Do you have anything, Myrna?

CO-CHAIR HAYES: Well, I can make the other announcements later, but I just wanted to say that before you all leave tonight, if a few of you can stay around to help Wally and me and the rest of us reconfigure this table space. The library needs it set up differently and it would take us five minutes instead of 25 for one person to do it.

CO-CHAIR BLOOM: Okay. We'll go into our community or focus group reports and community.

**VI. FOCUS GROUP REPORTS**

CO-CHAIR BLOOM: Wendell is not here. Anybody have a report for him by any chance?

**a) Community**

CO-CHAIR BLOOM: No, okay.

**b) Natural Resources (Jerry Karr)**

CO-CHAIR BLOOM: We'll go to natural resources, Jerry.No, okay.

**c) Technical (Paula Tygielski)**

CO-CHAIR BLOOM: So technical, Paula. No. Okay.City report, Gil.

**d) City Report (Gil Hollingsworth)**

MR. HOLLINGSWORTH: I have nothing.

CO-CHAIR BLOOM: Okay. Next is Lennar and Steve.

**e) Lennar Update (Steve Farley)**

MR. FARLEY: I have about an hour's worth just to make up for everything. Actually, ironically, this is going to be one of the faster ones. I have to thank Neal and commend Neal for covering everything that I was going to cover. If you look at this handout and you look at the various sites

identified on the handout, it's almost verbatim what Neal highlighted in his presentation. So if you were to do anything, I would recommend you take this handout and staple it to the back of Neal's handout, because Neal's got a lot of the additional detail. So that was good. Let me just give you a couple of highlights here real quick. Looking at the documents and stuff in the lower left corner, there's a couple of documents that are in review right now, a couple of LUC, or land use covenant plans or O&M plans for D1.2 and IR-10 and IR-13.

In that same box last month was the Draft C1 RIFS report. And we just got DTSC comments on that document, so that really helps move things along for IA-C1.

A couple of significant upcoming documents. We've had the B.2-1 Implementation Report listed there for some time. That will hopefully get pushed through fairly quickly. And then also the Draft Remedial Action Work Plan for UST 231 which is in H2. And 231 -- UST 231 is shown in the IA-H2 area. Neal covered the number of sites that have been closed. Let me highlight two other things. One is over by the crane test area you'll see a blue line that's got a leader coming into it that says IR-14. That's a segment of the old industrial wastewater treatment plant pipeline system. There's a - - there's actually a new pipeline that we found in some excavations. So what we discovered is that their old cast iron pipeline, which we've already cleaned and flushed, there's a plastic line that is installed in a trench nearby, and we found that in some trenching that we did for the Navy, we're now going to go back and clean and flush that segment as well sometime in the next month or so.

The last thing I'd like to mention is -- Myrna, you asked Neal about priorities and such. And Neal emphasized that IA B.2-1 and C-3 were the next priorities. And if you look at the color scheme on this figure, that's sort of emphasized in the color scheme. The blue areas are areas that are done or nearly done. The yellow areas are areas that are still being worked on, investigated, still work to be done. And the green areas are those areas that are in between, and so the --

CO-CHAIR HAYES: Purgatory?

MR. FARLEY: Hopefully not. So the green areas -- just to emphasize what Neal was saying. The green areas are, in fact, the priorities, they are the areas that we're trying to push forward and get done quickly. So -- And I don't think there's any reason to go over any other details. A couple of photos of some work that we've done. The photos on the left -- just to emphasize, we do a lot of work inside these buildings, Building 225, and removing an old UST from inside Building 84.

Anyway, that's all I had, and I'll be happy to answer any questions.

CO-CHAIR HAYES: On UST 866, what are you doing there?

MR. FARLEY: There's a -- there's a trench that we installed to remove some pipelines, and that piece of equipment is actually ripping up some of the concrete, breaking up the concrete to remove the concrete. In the background you can see what remains of Building 866. And in the upper right corner is the old brig.

CO-CHAIR BLOOM: Thank you, Steve.

Next, since Dwight already gave the Weston update, we will go to regulatory agency update. And Chip.

**f) Regulatory Agency Update (Chip Gribble, Brian Thompson)**

MR. GRIBBLE: I have a poor memory so I can't remember what I did.

CO-CHAIR HAYES: But you still got paid for it.

MR. GRIBBLE: We -- actually we've been focusing on the area, Investigation Area A2. There are a number of issues out there that have been kind of hanging around for sometime, we're trying to refocus on that. There's some PCB sites, residual or TPH and PAH contamination, elevated levels of TPH and PAH's which may fall within the risk range, and so we're working through those issues with the Navy. And we're probably going to know by the next RAB meeting what the direction is for that site, and then be able to move toward a remedial action plan or an NFA or whatever we need for that area.

CO-CHAIR BLOOM: Thank you, Chip. Brian.

MR. THOMPSON: I wanted to let everyone know that the Groundwater Resources Association this next month is having a meeting on closure strategies, and the water board will be making one presentation. We're going to be talking about low threat criteria similar to the low risk criteria that were developed for closing out the fuel sites. And this is a low threat criteria for non-fuel sites and consultant sites. So I think it would be a good meeting, and I'm one of the co-authors, so it's taking up a bit of my time in addition to the review I'm doing on Mare Island and another military base. So after that meeting I plan to -- it's -- I don't know if I said it was the end of February. I don't remember the exact date, it's twenty-something. And after that I'm going to be checking up on uploads to Geotracker. There are electronic reporting requirements for submittals to the Geotracker. And at the end of last year I was working with Lennar, CH2M Hill, with Weston and the Navy to kind of get my arms around all the UST sites and update the status on those. And my next step is to look at how to put it into the Geotracker. So probably after the end of February, maybe early March I'll be checking in with everyone on how that's going, making sure that the documents are getting uploaded and available to the public.

CO-CHAIR HAYES: Isn't Geotracker a car? Is that a RAB kind of knock-off from Chevrolet or something? Where did the department come up with Geotracker? How does that say anything about DTSC? It sounds so benign.

MR. THOMPSON: Geotracker was initiated largely after MTBE was discovered to be impacting a lot of wells, and there was kind of an interest in having a database available for the public and everyone to look at to see where these fuel sites are. And so Geotracker was started originally for UST sites and it was uploaded. Envirostor is a very similar database, it was a little more modern version of Geotracker, it was developed by the same people for the DTSC, that's their electronic database. And the water board's correctly upgrading Geotracker to be more in line with the upgrades that were given to Envirostor. So I don't know, did that answer your question?

CO-CHAIR HAYES: And the Governor didn't cut that budget, did he?

MR. THOMPSON: Not that I'm aware of.

MR. COFFEY: He's making a deal with the Indians for it.

CO-CHAIR HAYES: What I'd like to remind you of after your presentation, after February, is that I think some of you who are whiz kids on that system offered to show us how to access it.

MR. GRIBBLE: They did. And the problem is still that we haven't gotten very far in terms of populating the database.

CO-CHAIR HAYES: For Mare Island?

MR. GRIBBLE: For Mare Island.

CO-CHAIR HAYES: Well, you have till 2096, so no rush.

CO-CHAIR BLOOM: Thanks, Brian. Next is our reports. You want to go -- I'll go first. Okay.

## **VI. CO-CHAIR REPORTS**

CO-CHAIR BLOOM: I pretty much went over all the fieldwork in my previous presentation. But if you look on the handout, we talk about removing the recent blast material, about 49,000 cubic yards from IR-04, 05 and in the Horse Stables area. We still have four additional ABM areas just south of IR-04 that we're going to -- we've gotten the go-ahead to go ahead and complete -- actually today -- from our other agency in the Navy from NOSSA, the Naval Ordnance Support Office. So we are cleared to do that. So we're going to go ahead, once we can, when the weather is cooperating, take care of that. We also began at the Paint Waste area, but as you know, we had discovered those radiological items, and also a few munitions and explosives of concern, and some debris there, so we stopped and halted all work there until we get our path forward finalized there to continue at the Paint Waste area. At the DRMO area, we talked about how we're continuing on with the TPH investigation that we're going to continue to do. And that's the field work.

As far as documents that we submitted since the last reporting period, which would have been November 29th, was the Draft Final Geophysical Investigation Report at the PMA and the south shore area, and also the Draft Sampling Analysis Plan addendum at the F1 Area. We didn't receive any comments from the agencies on documents during -- since last November. And down at the bottom there you'll see an early transfer update. It's a little different this month, so I'll go ahead and read it. "In March, 2007, the Navy and City of Vallejo began discussing the viability of executing an early transfer for the remaining Economic Development Conveyance or EDC parcels at Mare Island. Since then, all parties worked extremely hard to resolve the myriad of issues associated with early transfer, including environmental remediation strategies, agreements with regulatory agencies, timing, and the cost of the work. In January, 2008, the early transfer effort was concluded as too many milestones remained to be accomplished given the available resources. "The Navy and the City of Vallejo are now working cooperatively together to prioritize the ongoing environmental remediation efforts in order to keep all redevelopment efforts on track at the former shipyard." And with that, that's my report. Any questions? Comments?

CO-CHAIR HAYES: It's already on. Well, that -- there's nobody's commenting on that, so I guess I will. Gil, you didn't say anything in your report about this. What's up with this? What's going on? What do you -- what is the city's perspective on it?

MR. HOLLINGSWORTH: The Navy had already coordinated that they were going to make that announcement, so I didn't feel that there was any need for me to say anything, we would wait until it got to that point.

CO-CHAIR HAYES: But now what is your thought? What are the city's thoughts about this? Do you have any official comment on it?

MR. HOLLINGSWORTH: Huh-unh.

CO-CHAIR HAYES: What does this mean for -- will you just go back to the original -- you'll pretend like you -- it's where we were before you started these negotiations? Or will you work with the Navy to prioritize, you know, like that work list that you just gave us earlier? Is that based on what you want to see done in priority pretty much?

MR. HOLLINGSWORTH: I think the answer is yes. We will work with the Navy for our priorities to bring forth the areas that can be developed. And then, you know, just what's left, the six or eight, whichever way you count them, parcels will be divided up. And some of them are at a point where they will move a lot faster, so we wouldn't slow that down. But we haven't -- we haven't sat down and put that on paper yet. But we've always said, going back a number of years, that reuse area 1A is our highest priority, and I don't know that that's changed.

CO-CHAIR HAYES: Okay. Thank you for keeping us informed along the way on that early transfer proposal.

All right, well, my primary comment tonight, of course, will be an invitation to the 12th Annual San Francisco Bay Flyway Festival. We'll be holding it at Building 897 again this year, we're told for the last year there, so we want to go back home. And our first five events were held at Building 505, which the Navy still holds, and various agreements -- proposals for that building have fallen through for other agencies, so we'll be wanting to talk with the city, work with the city and the Navy for possibly an interim lease for that building, because after fourteen years of working on getting a permanent environmental education center -- which the Navy envisioned and the City certainly worked closely with us on over the years -- it's time to do it. So welcome to Building 897 for what we've heard is the last year that we'll hold the festival there. We have 70 outings throughout San Francisco Bay, including about 30 on Mare Island. And it's the same format, three days: Friday, Saturday, and Sunday, outings throughout the Bay and on Mare Island. And then the exhibition Hall will open Saturday and Sunday. And the big news again, like Michael said, for this year's festival is the Navy, since the staff was already going to be here, they looped in what would have been a RAB tour of the environmental cleanup sites, and have worked with Lennar and Weston and the Navy to put together a tour that will be primarily probably for the community doing similarly, you know -- some of the RAB members may not be involved in the festival and could go on that outing, and it will be really wonderful to have the Navy on board with the community members. But we're hoping that people will be interested in just seeing how the environmental cleanup gets done at Mare Island, and getting kind of a behind the scenes visit. So we'll see how that goes. So, welcome. And we can always use volunteers. And I've got an awful lot of these schedules sitting on my front porch because I can't drive right now because of a small injury, so come on over and get some of them and pass them around, or go to the website and pass around the one page flyer or the PDF of this entire schedule to friends, family, and colleagues. And thank you, again, to the Navy, the city, Weston, and Lennar as a major sponsor as well. And many, many others you can see listed on this. And thank you to Steve Farley for photographing last year and likely coming back out this year. And it's a big team effort, and I really want to thank everybody, including Tim Baskerville. He and Susan put together a nice nighttime photography class that's free on Mare Island. So if you're at all interested in experimenting with that, that's a great gift he's given to the festival. As well as Kenn Browne's tours and Wally Neville's tours, and on and on it goes. So it's a great, great event. Thank you.

CO-CHAIR BLOOM: Thanks, Myrna. With that, we'll go into our final public comment period. Is there any public comment? If not, we will adjourn. Thank you, everybody.

#### **LIST OF HANDOUTS:**

The following handouts were provided during the RAB meeting:

- Presentation Handout – Navy Environmental Program Review - Fiscal Year 2007 Accomplishments and Fiscal Year 2008 Plan – Navy

- Presentation Handout – Eastern Early Transfer Parcel (EETP) Update – Lennar Mare Island
- Presentation Handout – Features within the EETP – CH2MHill/Lennar Mare Island
- Mare Island RAB Update January 2008 – Weston Solutions
- Navy Monthly Progress Report Former Mare Island Naval Shipyard January 2008
- San Francisco Bay Flyway Festival Flyer

(Thereupon the foregoing was concluded at 8:35 p.m.)