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In the Matter of:

MOFFETT FEDERAL AIRFIELD  
SUPERFUND SITE  
REVISED PROPOSED PLAN FOR SITE 25  
EASTERN DIKED MARSH  
AND STORMWATER RETENTION BASIN  
PUBLIC MEETING  
MAY 16, 2002

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Public meeting taken on behalf of Naval  
Facilities Engineering Command, Southwest Division, at  
500 Castro Street, City Council Chambers, Mountain  
View, California, commencing at 7:30 p.m., Thursday,  
May 16, 2002.

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Moffett Federal Airfield Restoration Advisory Board Community Co-chair	
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PROCEEDINGS

1  
2 MR. LANSDALE: Well, I'd like to welcome you  
3 tonight, if we could get started.

4 This is the public meeting for the Proposed  
5 Plan for the Eastern Diked Marsh and Stormwater  
6 Retention Basin, which is referred to as Site 25.

7 I'm Lawrence Lansdale, the BRAC Environmental  
8 Coordinator for the Navy; and I'd like to thank you all  
9 for coming out tonight and welcome you.

10 There are still a few people that are outside  
11 who are at the T.V. set, so they can finish some coffee  
12 and juice and congregate for a little while, but we'd  
13 like to get started. But really, thank you for coming  
14 out tonight. I appreciate that.

15 The purpose of the meeting tonight is to  
16 present information contained in the Proposed Plan for  
17 the Eastern Diked Marsh and Stormwater Retention Basin  
18 for Site 25; and what we'd like to do tonight is  
19 receive public comments.

20 Karen is over by the table. If she could  
21 raise her hand.

22 We have copies of the Proposed Plan; we have  
23 comment forms that you can fill out; and there's also  
24 speaker cards if you'd like to give an oral comment  
25 tonight. If you want to, you can just raise your hand,

1 try to get Karen's attention; she can bring them up to  
2 you.

3 We also have comment forms that were included  
4 in the Proposed Plan. You can fill those out here, and  
5 drop them off in the box. There is a box there, if  
6 you'd like to put them in.

7 If you could put your name and address on your  
8 comment form or provide that to us orally, we will send  
9 you a copy of the Responsiveness Summary.

10 All of the comments that we get tonight, we  
11 will respond to in the Responsiveness Summary,  
12 following when the comment period closes; and the  
13 comment period began, has been open since May 2nd to  
14 June 3rd.

15 So you can respond in a number of ways; or  
16 even if you think of something tomorrow or the next  
17 day, you're welcome to either send something to us and  
18 comment to us on the form; or send it e-mail; and my  
19 e-mail address is on the back of the Proposed Plan.

20 So the meeting format tonight is, we'd like  
21 you to sign in so we can send you the Responsiveness  
22 Summary, as I said, if you do provide comments.

23 We have lots of handouts that you're welcome  
24 to take.

25 As I mentioned, the speaker card. If you'd

1 like to speak, please fill out a speaker card. We will  
2 have the speakers go in the order that the cards are  
3 received. So if you raise your hand, Karen will pick  
4 up your card.

5 And what we would like to do, we'll probably  
6 have about five minutes per speaker tonight; and we'll  
7 hold up cards on how long you're going. So that if you  
8 have -- I think there is a two-minute card, one-minute  
9 card, 30-second card to let you know how long your time  
10 is going. So we can work with you on that too, if  
11 you're not sure what your time is.

12 Also, we have a stenographer present tonight  
13 to record any oral comments and to record the  
14 presentations and everything that was said; and that  
15 will be provided, as well, in the information  
16 repository.

17 So finishing off the meeting format,  
18 referencing your comments, written, oral, or in the  
19 meeting now, as some of you already have.

20 The agenda is to go over the meeting  
21 guidelines; the welcome and recognition, which we'll be  
22 doing shortly; talk about the previous Proposed Plan;  
23 the site history and selection of Preferred  
24 Alternative, which we'll have Glenn Starr, one of our  
25 contractors do.

1           We will talk about the implementation  
2 schedule; regulatory involvement, we'll have the  
3 regulatory agencies speak; the Restoration Advisory  
4 Board, we'll have the co-chair of the Restoration  
5 Advisory Board's statements; and then we'll open it up  
6 to public comment period.

7           The guidelines for the meeting tonight, so  
8 that we can maintain an orderly meeting and progress  
9 through and get everything done tonight, is to please  
10 hold your questions of clarification until after the  
11 presentation is over.

12           Glenn will be providing the presentation  
13 shortly; and if you have clarification questions, if  
14 you would wait until he is done, then we can provide  
15 those clarifications.

16           If you have comments or questions, please hold  
17 those until the formal comment period, because then  
18 following the formal comments, there will be a moment  
19 if you need more clarification, that's fine after the  
20 presentation.

21           We're not responding to comments that are  
22 received tonight; this isn't the forum for that. We  
23 receive them all; we respond in a Responsiveness  
24 Summary. We put together all of the comments, and  
25 that's when the various -- that's how the evaluation

1 process works.

2 We'd like one person to speak at a time. We  
3 value all perspectives. We may have people with  
4 different opinions here tonight; and if somebody  
5 doesn't have the same opinion as yours, we'd appreciate  
6 letting them say what they feel, so that we can receive  
7 all comments, because they are all valuable.

8 And as I said earlier, we have a five-minute  
9 time limit. If you have a lot to say, we can work with  
10 you, extending your time limit, if need be.

11 Introducing the project team. As I said, I'm  
12 Lawrence Lansdale, BRAC Environmental Coordinator for  
13 the Navy.

14 We have a number of other people here tonight.  
15 We have Art Tamayo, who is the Project Manager for the  
16 Navy. We have Scott Gromko, who is another Project  
17 Manager with the Navy, as well as Lee Saunders, who is  
18 our Public Affairs Officer, who is in the -- there he  
19 is. So that everybody can hear me outside here, we  
20 have a T.V. set up outside, so you can see outside. So  
21 that's the Navy team that's here tonight.

22 We have NASA, I'd like to introduce Bob Chuck;  
23 he's here representing NASA.

24 We have the regulatory agencies: Regional  
25 Water Quality Control Board, Adriana Constantinescu,

1 and she'll be speaking on regulatory involvement; as  
2 well as Alana Lee, with the U.S. Environmental  
3 Protection Agency.

4 As far as contractors that are here tonight  
5 working on this for the Navy, Glenn Starr; he's from  
6 Foster Wheeler. He will be providing a presentation in  
7 a few moments, talking about Site 25.

8 And we have Katz and Associates, Karen  
9 Linehan, and Jennifer Shira, who is over here, who  
10 worked with us on helping facilitate the meeting and a  
11 number of other things; I couldn't mention them all.

12 Dave Cooper is in back, who is with EPA, also,  
13 Public Affairs Officer. You're spread out a little bit  
14 tonight.

15 As well as them, we have many Restoration  
16 Advisory Board Members, people that participate in what  
17 we call the "RAB," on a regular basis, come to the  
18 meetings.

19 If you guys could all, the Restoration  
20 Advisory Board members could raise your hands? We have  
21 a few; I think there's others outside.

22 If you have particular comments, would like to  
23 know what the Restoration Advisory Board talks about or  
24 their thoughts, Bob Moss is our community co-chair,  
25 will be coming up later, to provide a summary of the

1 Restoration Advisory Board's thoughts on this Proposed  
2 Plan.

3 The Proposed Plan falls into the CERCLA  
4 process, and is a process that we follow in coming up  
5 with a solution for this site, starting out with the  
6 remedial investigation, going through a feasibility  
7 study. The Proposed Plan is the phase that we're in  
8 right now within the public comment period.

9 Once the comment period ends, a selection will  
10 be made, and then a decision document, that is the ROD,  
11 will be formed. Following the ROD, the design and  
12 remedial action will follow; and that's when the actual  
13 construction work will be done.

14 Facility overview of Moffett. Moffett is  
15 approximately 2,200 acres between Highway 1, Lockheed  
16 Martin, Cargill Salt Ponds, and Stevens Creek. We have  
17 some boards that show an overview of Moffett here, as  
18 well as right here.

19 Historic use has been the U.S. Navy operated  
20 Moffett from 1933 to 1935, and again in 1942 to 1994.  
21 Between 1935 and 1942, the Army Air Corps operated  
22 Moffett.

23 It was originally -- it supported the West  
24 Coast dirigibles -- the blimps; and later training,  
25 transport, and anti-submarine patrols operated out of

1 Moffett.

2 In 1984, it was when the "BRAC," or Base  
3 Realignment and Closure Act, was implemented at  
4 Moffett, and it was, the base was transferred from the  
5 Navy to NASA; and that was in 1984.

6 Moffett still remains a federal facility, and  
7 it's owned by the government; and it's currently  
8 operated by NASA. The housing area is operated by the  
9 Army, who owns it presently, as well.

10 At Moffett, we have a Federal Facility  
11 Agreement, FFA, which is an agreement which is signed  
12 by the Navy, the federal regulators which is the EPA,  
13 and state regulators which is represented by the  
14 Regional Water Quality Control Board. That was signed  
15 in 1990.

16 What the Federal Facility Agreement does, is  
17 it identifies the responsibility; the Navy is  
18 responsible as the lead agency for investigation and  
19 cleanup resulting from the Navy's past activities; and  
20 yet that they have schedules to help you, and dispute  
21 resolution, and so forth, where the Navy works with the  
22 regulatory agencies together to form remedial  
23 selections and the regulatory process.

24 Next what I'd like to do is introduce Glenn  
25 Starr; he's our contractor at Foster Wheeler. He'll

1 give you a presentation about Site 25.

2 MR. STARR: Thank you, Lawrence.

3 I'd like to start off briefly here with a  
4 description of Site 25. On this, on this poster board  
5 here, describing what Site 25 encompasses. This black  
6 dashed line is essentially all of Site 25.

7 This is the Stormwater Retention Basin; and  
8 down here is an area referred to as the Eastern Diked  
9 Marsh. This is about a 210-acre parcel of property.

10 Down here is a sedimentation basin that was  
11 installed by NASA in 1991; and the purpose of the  
12 sedimentation basin is to collect the sediments from  
13 the stormwater runoff in Moffett Federal Airfield,  
14 before it actually enters into the Eastern Diked Marsh  
15 or in the Stormwater Retention Basin.

16 Over here is the parcel of property owned by  
17 the Midpeninsula Regional Open Space District; and just  
18 to highlight here, although it's hard to see in the  
19 drawing, is essentially a Peninsula that juts out into  
20 the Stormwater Retention Basin. This area owned by  
21 NASA is called the Stormwater Retention Basin. There  
22 is a Stormwater Retention Basin to the properties; that  
23 is, as stormwater is stored in Stormwater Retention  
24 Basin, that stormwater does migrate over to that MROSD  
25 portion of the property.

1                   From the previous Proposed Plan, there were  
2 two major issues. The first was the residential  
3 ownership of a portion of Site 25 and difficulty  
4 implementing the remedy with that ownership of that  
5 portion of the property.

6                   The second issue that came up from the  
7 previous Proposed Plan, during the comment period  
8 process, in that the majority of the public comments we  
9 received were in support of restoring Site 25 to a  
10 tidal marsh. Today Site 25 is a seasonal wetland.

11                   The Navy has been having discussions with  
12 Midpeninsula about their future use of Site 25; and  
13 Midpeninsula has made clear it to us, or clear to the  
14 Navy, that their intended land use is as a tidal marsh.

15 As such, all the previous studies we've  
16 performed -- and I'll talk about this in some more  
17 detail -- were based on the fact that this would be a  
18 seasonal wetland.

19                   We will need to do some additional sampling in  
20 Midpeninsula's portion of the property to evaluate  
21 contaminant levels that may be present from past Navy  
22 and NASA activities as it relates to Midpeninsula's  
23 portion of the property.

24                   As such, and I can't really show the CERCLA  
25 process, but as you look at Midpeninsula's property,

1 we're essentially doing it in another study phase. And  
2 if you look at the CERCLA process, we're essentially in  
3 what you call the remedial investigation phase.

4 As such, as we plan to study that portion of  
5 the property, it is not appropriate for the Navy to now  
6 include Midpeninsula's property in the Proposed Plan  
7 we're presenting tonight.

8 A little bit of history on Site 25. It has  
9 been used for stormwater management by both Navy and  
10 NASA since 1953.

11 Also, it currently provides a seasonal wetland  
12 habitat which is valuable to a number of species, which  
13 includes shorebirds, mallard ducks, black-necked  
14 stilts, and also some other threatened species.

15 Site 25 serves as stormwater retention as part  
16 of NASA's overall stormwater management system and  
17 essentially provides runoff for the whole western side  
18 of Moffett Federal Airfield, that is everything west of  
19 the runways.

20 Prior to 1991, as I identified before, there  
21 was no stormwater or sediment filtration basin to  
22 remove the sediments prior to going out into Site 25.

23 I want to talk briefly about the studies that  
24 were done in the past. Starting in 1993 through 1997,  
25 there were actually two very detailed studies performed

1 on Site 25 as part of the remedial investigation stage  
2 of the CERCLA process.

3 The first was what they call a remedial  
4 investigation. The purpose of the RI was to determine  
5 what chemicals were present in sediments, and at what  
6 levels they were present.

7 Also, it was there to identify the extent of  
8 human risk from contact with the sediments. We found  
9 that the human risk at the site would be to  
10 occupational workers working in the Stormwater  
11 Retention Basin, and also those that may be there for  
12 recreational uses of the property.

13 The second study that was performed is what  
14 was referred to as a Station Wide Ecological Assessment  
15 or SWEA. The purpose of SWEA was actually performed in  
16 two phases.

17 The first phase was to determine what type of  
18 animals were present at the site, and also to determine  
19 what risks there were to those animals based on the  
20 contaminants in the sediments present at that site.

21 Essentially, the conclusion of those two  
22 studies was that there were risks both to animals and  
23 humans at the site, and that additional remedial  
24 actions were required to reduce that risk.

25 As we proceed through the CERCLA process, the

1 next stage is to perform a feasibility study.  
2 Essentially, the first stage of the feasibility study  
3 is to identify what is the site use, both what is the  
4 current site use, and what is the current anticipated  
5 future site use.

6 We also identified what chemicals are of  
7 concern; of all the chemicals that we identified, which  
8 ones are of concern, which ones actually are of risk.  
9 And this builds off the previous studies, such as the  
10 remedial investigation and the SWEA.

11 Also, as part of that process, we established  
12 what is referred to as remedial action objectives, or  
13 essentially chemicals, that are contaminants of concern  
14 in the sediments at Site 25. The feasibility study  
15 proceeds on to identify recommended alternatives that  
16 will reduce the risk for both ecological and human  
17 health due to contaminants in sediments. Also, we need  
18 to identify clean up alternatives.

19 As far as site use goes, as I've already  
20 stated, Site 25 is used for stormwater retention or  
21 stormwater management since 1953.

22 Based on the Navy's discussions with NASA, the  
23 current and future, or stated land use for Site 25 is  
24 part of the stormwater management system, and therefore  
25 a seasonal wetland habitat.

1           The next stage of the feasibility study is  
2 establishment of remedial action objectives for clean  
3 up of chemicals at the site. The overall objectives  
4 for this study, for establishing these levels, was to  
5 limit the exposure to both humans and animals to the  
6 sediments at Site 25.

7           And the secondary goal of remedial action  
8 objective, we want to minimize the impact to the  
9 habitat out there. It is a natural habitat; there are  
10 a number of animals in that habitat area, so we wanted  
11 to minimize the impact to that habitat.

12           Four chemicals of concern were identified, and  
13 each one had remedial action objectives associated with  
14 that. That is, the chemicals, we have to remove from  
15 the sediments that exceed the levels that are  
16 identified here.

17           The first is for PCBs. PCBs are lubricants,  
18 and they also were used in electrical transformers  
19 because of their insulation properties. The cleanup  
20 level for PCBs is 470 parts per billion.

21           The second one is lead, which is a common  
22 contaminant found in stormwater runoff; and the cleanup  
23 level for lead is 148 parts per million.

24           The third was DDT, a very common pesticide  
25 used in the past. Its use was banned in 1973. This

1 cleanup level was established at 166 parts per billion.

2 And finally, zinc was established as 454 parts  
3 per million. We will be doing additional analysis this  
4 summer; and based on the results of that analysis, that  
5 cleanup level may be lowered significantly to 164 parts  
6 per million.

7 As far as the remedial action objectives we've  
8 identified in the feasibility studies, there were three  
9 alternatives we put forward on the FS, and I want to  
10 highlight the fact that it wasn't just an alternative  
11 issue we looked at.

12 We looked at a number of innovative  
13 technologies at Site 25; some were referred to as  
14 thermal desorption, soil washing, thermal extraction,  
15 stabilization and chemical oxidation. Those  
16 alternatives were not brought forward in the  
17 feasibility study because they were not structured in  
18 the finances or they were cost prohibitive.

19 So we have devised three alternatives for the  
20 feasibility study, and I'll just highlight those  
21 briefly. The first one was the no-action alternative,  
22 that is, no action taken whatsoever; the second was  
23 excavation and off-site disposal; and the third was  
24 excavation and ex-situ bioremediation and on-site  
25 reuse, or off-site disposal, based on the cognizant

1 technology.

2 I just want to briefly talk about the Proposed  
3 Plan alternative. On this poster is the nine Superfund  
4 criteria that must be applied to all remedial  
5 objectives or remedial alternatives.

6 Alternative 2 and Alternative 3 is shown over  
7 here. The basic differences between Alternative 2 and  
8 Alternative 3 have to do with several of the  
9 objectives.

10 The first one was short-term effectiveness.  
11 Alternative 2, we were excavating soil for off-site  
12 disposal. Alternative 3 is excavations and on-site  
13 treatment.

14 For Alternative 2, is actually shown to be the  
15 most favorable. Alternative 3 was acceptable, and  
16 reasonably acceptable rating because of exposure to the  
17 workers because they would have to handle the sediments  
18 numerous times during the remediation efforts; and that  
19 there would be more risk than actually doing the  
20 cleanup work.

21 The other was implementability -- that word,  
22 I'm sorry. For Alternative 2, that was most favorable;  
23 and was acceptable for Alternative 3. The reason for  
24 that is that bioremediation is a new technology; we  
25 would have to perform a pilot test on the sediments to

1 see if the current technology was effective and only  
2 has limited use for the metals in the sites, and is  
3 really more effective for the PCBs and DDT.

4 The seventh criteria was the cost.  
5 Alternative 2 was the least costly alternative, over  
6 Alternative 3. Most of the costs are incurred by the  
7 fact of having to handle the sediments numerous times  
8 when you're going through the bioremediation stage.

9 The last two criteria, the state acceptance  
10 and the community acceptance, and those will be  
11 evaluated after the public comment period.

12 The purpose of the Proposed Plan is where  
13 we're at today, is threefold. First, we want to  
14 summarize what was done during the remedial  
15 investigation and feasibility study. And as we look at  
16 the Proposed Plan handout, there's a number of pages in  
17 that handout indicating what was done in past studies.

18 We're also here to present the lead agency, in  
19 this case the Navy's, Preferred Alternative for clean  
20 up to Site 25, and also to facilitate public  
21 involvement in this process.

22 Since I've already covered that, let's move on  
23 to the next line. Preferred alternative, I want to  
24 discuss that briefly.

25 If you look at your handout and Proposed Plan,

1 essentially three pages, that really describes that  
2 alternative in detail; and I just want to summarize  
3 then briefly here.

4 Alternative 2 essentially involves the  
5 excavation of the top one foot of sediment in the areas  
6 of concern; and although it's difficult to see, the  
7 areas of concern are highlighted in the green  
8 cross-hatched area. These are the areas based on the  
9 previous sampling done in the feasibility studies in  
10 the remedial investigation in the SWEA process that had  
11 sediments above the RAOs that we had established for  
12 the site.

13 So we're going to remove the top foot of the  
14 contaminated sediments; we're going to dispose of those  
15 sediments off-site in a CERCLA-approved landfill; and  
16 then we're also going to do confirmation samplings to  
17 make sure that we've removed all the contaminants of  
18 concern.

19 Then we'll cap the area by bringing in clean  
20 fill and sediments, which is essentially the same type  
21 as what we removed; and we'll re-establish the habitat  
22 area, essentially putting back the vegetation we  
23 removed with that cleanup action.

24 Also, I need to point out that we are required  
25 to perform a five-year review, every five years to

1 review the effectiveness of that remedy in reducing the  
2 risks to the ecological and human risk factors.

3 As part of the alternatives recommended, you  
4 will also have proposed institutional controls. They  
5 have not been specifically defined yet; but they will  
6 be defined as we go through the CERCLA process.

7 The institutional controls are there to do two  
8 things; one is to ensure that the seasonal wetland  
9 habitat is maintained. Right now Site 25 is wet maybe  
10 nine months out of the year, starts to dry out in July,  
11 August, September; make sure that that continues in the  
12 future.

13 It's also to make sure that the existing  
14 stormwater management plan by NASA is maintained so  
15 there's no chance for future contaminated factors to  
16 migrate back in Site 25.

17 On the continued site use, as I already  
18 stated, about the five-year reviews conducted every  
19 five years to assure the effectiveness of remedy.

20 It's important to point out that should the  
21 land use change someday for Site 25 from the Stormwater  
22 Retention Basin and seasonal wetlands to some other use  
23 in the future, an additional evaluation will be  
24 conducted.

25 Also, NASA will be responsible for these

1 additional studies and cleanup if the remedies change.

2 MR. LANSDALE: Thank you, Glenn.

3 I guess if there is any clarification -- I  
4 hope your questions can be held until the public  
5 comment period; but if there is any quick clarification  
6 on what Glenn presented.

7 Yes.

8 UNIDENTIFIED SPEAKER: If I understand what  
9 was said correctly, the black dashed line on that  
10 poster board there encompasses Site 25, and you're not  
11 currently proposing a remedy for the blue portion  
12 within black dashed line.

13 So really, we're not here to discuss a remedy  
14 for Site 25. It's Site 25, part one; and there'll be a  
15 Site 25, part two, at some future date?

16 MR. STARR: Yes.

17 MR. LANSDALE: Are there any other questions  
18 of clarification? Again, questions can be made in the  
19 public comments.

20 UNIDENTIFIED SPEAKER: (Unintelligible.)

21 THE REPORTER: I can't hear the speaker.

22 MR. LANSDALE: Is that your question, was that  
23 after the public meeting, can you fax in comments?

24 Absolutely, you can fax in comments, written  
25 comments. After tonight, you can write or make oral

1        comments or any other comments that will still be  
2        accepted through the comment period which is June 3rd.  
3        And since nobody has another clarification,  
4        that is a good transition to the public comment period.  
5        May 2nd to June 3rd, if you have any comments we can  
6        take it up later, you're not able to provide tonight,  
7        feel free to send them to me.

8                    Again, tonight we're commenting on the  
9        Proposed Plan. There are other documents you can have  
10       out there in the lobby, but this is the Proposed Plan  
11       tonight.

12                   UNIDENTIFIED SPEAKER: (Unintelligible.)

13                   THE REPORTER: I can't hear the speaker.

14                   MR. LANSDALE: Oh, I'm sorry. Further  
15       clarification?

16                   Is that -- the question was, how long does the  
17       Preferred Alternative take?

18                   The duration. The implementation will follow  
19       the CERCLA process, as Glenn said; and there's a  
20       schedule that I'll be talking about shortly. Okay?

21                   So as I said, comments until June 3rd; and  
22       after we receive all comments, we will have a -- we'll  
23       give all comments consideration; and an alternative  
24       will be selected after carefully considering all the  
25       comments that are received.

1           And a transcript of this meeting will be  
2 placed in the information repository as soon as the  
3 transcript is certified.

4           The Responsiveness Summary will include all of  
5 the comments, both from this comment period, as well as  
6 the previous comment period, on the Proposed Plan issue  
7 that this is revised from.

8           So if you have a comment previously, that will  
9 still be responded to; but if you'd like to issue the  
10 same comment again, you're welcome to; or if you  
11 have any new comments, that's fine. All comments that  
12 have been received within the previous comment period  
13 of the Proposed Plan and this comment period will be  
14 responded to in a Responsiveness Summary.

15           If you did provide your name and address,  
16 we'll send you -- if you provided a comment, we'll send  
17 you a copy of the Responsiveness Summary. If you  
18 didn't provide a comment and you would like a copy of  
19 the Responsiveness Summary, provide your name and  
20 address, and we'll send you one, also.

21           The draft implementation schedule is the  
22 record of decision, the ROD, that's scheduled in  
23 January of 2003. That will describe the chosen remedy.  
24 The ROD is a formal agreement between the parties;  
25 that's the decision document that follows. The

1 remedial design will follow in June 2003, which will  
2 include work plan and technical specifications to  
3 implement the plan.

4 Following that, we will have remedial action,  
5 hopefully the Summer through Fall of 2003. The  
6 remedial action needs to be done during the summer when  
7 the Stormwater Retention Basin dries out. And then a  
8 remedial action report in September 2004. And then, as  
9 Glenn mentioned, the five-year review for the  
10 effectiveness will be done in five years.

11 Next up, if we could have input from the  
12 regulatory agencies, and Ms. Alana Lee, with the U.S.  
13 EPA, followed by Adriana Constantinescu.

14 MS. LEE: Good evening, everyone. Hi, I'm  
15 Alana Lee. I'm the project manager for the U.S.  
16 Environmental Protection Agency.

17 EPA's role in the process is to provide  
18 regulatory oversight of the --

19 THE REPORTER: I'm sorry, I can't hear you.

20 MS. LEE: Oversight of the environmental  
21 investigation cleanup plan for the cleanup activities  
22 involved at Moffett Federal Airfield.

23 EPA ensures that the proposed cleanup remedies  
24 are consistent with our relevant guidance, and all  
25 cleanup is appropriate for the site. Importantly --

1 THE REPORTER: I'm sorry, I can't hear you.

2 MS. LEE: Importantly, we will ensure that the  
3 remedies are protective of human health and the  
4 environment.

5 EPA is also here tonight to listen to your  
6 concerns and any comments that you may have about this  
7 Proposed Plan.

8 We encourage you to voice your opinions here,  
9 and we'll consider all your comments before a final  
10 decision is made.

11 As you know, based upon NASA's current and  
12 future land use of the property, the remedy proposed  
13 will be protective of human health and the environment.  
14 And importantly, in the event that the planning  
15 changes in the future, NASA has ensured that the  
16 necessary studies will be conducted in the future; and  
17 so therefore, EPA does support this Proposed Plan.

18 MS. CONSTANTINESCU: Good evening, I'm Adriana  
19 Constantinescu, project manager for Moffett Field with  
20 San Francisco Bay Regional Water Quality Control Board.

21 And I want to make a point, if you don't  
22 understand everything, I have a written copy for you.

23 THE REPORTER: Thank you.

24 MS. CONSTANTINESCU: I would like to take this  
25 opportunity to present the Regional Water Quality

1 Control Board involvement in the evaluation of the  
2 Proposed Plan and for only the NASA water retention  
3 basin.

4 As you could find out tonight, this plan does  
5 not include the Midpeninsula Regional Open Space  
6 District Parcel.

7 On August 16, 2001, at a public meeting in  
8 this room, regional board staff mentioned that after  
9 eight years of evaluation we concurred with the  
10 Proposed Plan as the most protective to human health  
11 and the environment.

12 Also, in our evaluation, we've taken into  
13 consideration its implementability, its long-term  
14 effectiveness, its protection, its potential for  
15 reducing the transport of chemicals.

16 Finally, the Proposed Plan will be in  
17 compliance with the applicable or relevant and  
18 appropriate requirements for the cleanup.

19 Following public input generated during the  
20 2001 public comment period, the Navy withdrew the  
21 previous plan on August 31st, 2001.

22 Today, on May 16th, we have a revised Proposed  
23 Plan, presenting a clear and comprehensive picture of  
24 the site.

25 The revised Proposed Plan was issued by

1 integrating the future use of the Stormwater Retention  
2 Basin by NASA and considering the two interconnected  
3 co-owned portions of the site.

4 The proposed land use, tidal marsh versus  
5 stormwater retention ponds, seasonal wetlands, may not  
6 be compatible with each other, due to the lack of  
7 separation.

8 However, the revised sampling plan for Site 25  
9 proposed additional environmental sampling on the  
10 Midpeninsula Regional Open Space District Panel. It  
11 will draw in additional data in evaluating the  
12 distribution of contaminants and a potential cleanup  
13 alternative.

14 In this process, the public involvement made a  
15 big difference in the cleanup approach at the Site 25;  
16 and today, I am glad that we have had another  
17 opportunity to listen to your suggestions and concerns  
18 to be able to improve our evaluations and our  
19 understanding of the proposed alternatives at Site 25  
20 at Moffett Federal Airfield.

21 And thank you for your attention.

22 MR. LANSDALE: Thank you, Adriana, and thank  
23 you, Alana.

24 If I could introduce RAB community co-chair  
25 Mr. Bob Moss to say a few words about the RAB process

1 and the RAB's thoughts on this Proposed Plan.

2 MR. MOSS: Thank you, Lawrence.

3 The RAB meeting on Site 25, specifically for  
4 almost three years now fairly intensively --

5 THE REPORTER: I can't hear. Is the  
6 microphone on?

7 (Short discussion regarding the  
8 microphone.)

9 MR. MOSS: The RAB has been meeting talking  
10 about Site 25 for approximately three years on and off;  
11 and of course, the RAB itself consists of government  
12 agencies that you've heard earlier tonight and also  
13 members of public, which is who I am, and also  
14 representatives of some of the organizations,  
15 non-government organizations that are involved with  
16 Moffett, and other agencies, which is what the RAB  
17 consists of.

18 We've had meetings for the entire site for  
19 about seven years now, seven, eight years. Seems like  
20 it's going on forever.

21 To focus specifically on Site 25, when the  
22 Navy organization shifted from local representatives to  
23 San Diego, there was a disconnect in passing  
24 information back and forth.

25 And the Navy people didn't realize the

1 problems --

2 THE REPORTER: I'm sorry, realize what?

3 MR. MOSS: That became evident during the  
4 meeting last August; and that required stepping back  
5 and rethinking the process and rethinking what was to  
6 be done with the site. And so you come to the revised  
7 plan that is before us tonight.

8 I'd like to make a couple comments. We had a  
9 a RAB meeting last week; and we talked about this  
10 fairly extensively; and I'd like to just summarize some  
11 of the comments made, concerns raised at that meeting.

12 First of all, there has been fairly extensive  
13 investigation in the soils already. It's not shown on  
14 the map, but there have been a lot of work done; and  
15 that's why only the sites that are green, which you  
16 can't probably see since you're sitting down.

17 The site which is now planned for restoration,  
18 on the NASA portion of the site, the soil was only  
19 analyzed down to one foot. On the blue area, it was  
20 previously analyzed to below one foot and very little  
21 contamination was found.

22 The proposal before us now is to excavate a  
23 number of places in the blue area to two feet, which is  
24 what would be required to be excavated if we were going  
25 to completely restore the tidal marsh.

1           Based on the analysis that's been done so far,  
2           it seems like -- unlikely that there will be  
3           significant contamination basically from here up;  
4           that's based on the existing analysis. What's going to  
5           be done is confirming that assumption.

6           Another point I'd like to mention is during  
7           the meeting last year, we had a presentation from the  
8           biologist and the State Fish and Game, who made a very  
9           strong case for the importance of seasonal wetlands;  
10          and he actually thought that was a much better, higher  
11          use than the tidal marsh is in this particular area,  
12          irrespective of the Midpeninsula Regional Open Space  
13          District ownership in the site.

14          The other comment that was made last week was  
15          that actions taken under the current plan which would  
16          only excavate one foot and reuse the Navy marsh portion  
17          of the site as, as occasional wetlands, not a tidal  
18          marsh, would not preclude some future activity. NASA  
19          could come back five years, 10 years, 50 years from now  
20          and decide that they do want to excavate and return the  
21          entire Site 25 to tidal marsh; that could still be  
22          done.

23          Another point that was made, difference in  
24          cost -- and talk about cost -- the current plan costs  
25          about 2.6 million; and excavating the entire area,

1 including the tidal marsh, would cost about 12 million.  
2 So about 10 to 10.5 million dollars for the additional  
3 tidal marsh restoration, which gives you an idea of the  
4 cost we're talking about.

5 What I think we'd like to hear from people  
6 tonight is how they feel about the existing proposal,  
7 which is basically trying to get the usual districts in  
8 tidal marsh in some way --

9 THE REPORTER: I'm sorry, I can't hear you.

10 MR. MOSS: Either some separation out there,  
11 or saying go back; or if there isn't a separation,  
12 maybe then you're going to have tidal marsh coming into  
13 what is currently the Stormwater Retention Basin.

14 And we'd like to hear from people about how  
15 they feel; is it really important to have the tidal  
16 marsh; is it really, really important to have seasonal  
17 wetlands, or separation to give both work; and do we  
18 feel that concluding this --

19 THE REPORTER: I'm sorry, I can't hear you.

20 MR. MOSS: So with that, can we take  
21 questions?

22 UNIDENTIFIED SPEAKER: I will.

23 THE REPORTER: Could the gentleman identify  
24 himself?

25 MR. MOSS: Let me hear the questions. I can

1 take them.

2 Yes.

3 MR. CHUCK: Bob, I just want to make a  
4 clarification.

5 THE REPORTER: Could the gentleman identify  
6 himself, please?

7 MR. CHUCK: Don Chuck from NASA.

8 When you mentioned the biologist, that was  
9 Keith Miles from U.S. Geological Survey and not Fish  
10 and Game.

11 MR. MOSS: You're right. Thank you for that  
12 clarification; USGS.

13 UNIDENTIFIED SPEAKER: (Unintelligible.)

14 THE REPORTER: Could the gentleman identify  
15 himself, please?

16 MR. LANSDALE: Let's see if we can wrap up; we  
17 can take public comments.

18 UNIDENTIFIED SPEAKER: I don't think that  
19 information is accurate. The sole person at last  
20 year's public meeting spoke in favor of the Navy  
21 planning, was Keith. It's my understanding Keith is a  
22 Navy contractor, right?

23 MR. LANSDALE: You know, this was a while  
24 back. I do not know if he is. He may have been.

25 UNIDENTIFIED SPEAKER: You know, he wrote a

1 letter.

2 MR. STARR: Mike wasn't exactly a contractor,  
3 but he was hired by the Navy to advise him on the  
4 habitat.

5 MR. LANSDALE: So with that clarification --  
6 Lenny Siegel, is there a clarification?

7 MR. SIEGEL: Is the clarification of the --  
8 are you --

9 THE REPORTER: Excuse me --

10 MR. STANLEY-JONES: A cost was cited by my  
11 boss.

12 Michael Stanley-Jones.

13 Is the cost estimate that you quoted include  
14 the cost of the institutional barrier --

15 MR. MOSS: No, no, no --

16 MR. STANLEY-JONES: -- or --

17 THE REPORTER: Excuse me --

18 MR. MOSS: Further costs and design of barrier  
19 are open.

20 Some questions were asked about that last  
21 week; what kind of separations? Would there be a dike?  
22 Would there be a dam? Would there be what? And it was  
23 just said, no, we haven't really gotten into that  
24 detail yet.

25 What I'm talking about in terms of excavating

1 cost, is the cost of excavating only these areas in  
2 green to one foot, versus doing a total excavation to  
3 two feet on a much wider area.

4 MR. STANLEY-JONES: A clarification?

5 MR. MOSS: Yes.

6 MR. STANLEY-JONES: You mentioned that the  
7 decision was that it was better to have the  
8 intermittent conditions here, rather than have the  
9 tidal, rather than have the tidal --

10 MR. MOSS: The decision has been made --

11 THE REPORTER: Excuse me, you're both talking  
12 at once.

13 MR. STANLEY-JONES: Well, you know, my  
14 question is could you give us pros and cons of the  
15 tidal marsh as compared here, because I don't see it in  
16 any of this --

17 MR. LANSDALE: This is something that the RAB  
18 has talked about. What Bob is telling you is the RAB  
19 discussions that we've had over the past several years  
20 and some of the comments from the RAB, and some of the  
21 RAB's thoughts on this.

22 As far as specific issues regarding the  
23 benefit of the site, tidal, seasonal, or whatever type  
24 of site, those are things that are discussed post-plan;  
25 those are discussions that the RAB has had over the

1 past; and there's been different occasions I think was  
2 the point Bob was trying to make.

3 As far as discussing the pros and cons, wasn't  
4 the discussion. That's a discussion -- is that your  
5 question?

6 MR. STANLEY-JONES: Yes.

7 The reason that I asked the question is that  
8 there are three alternatives here; and there's  
9 apparently a fourth alternative. And that wasn't  
10 discussed -- it's not in this Proposed Plan as an  
11 alternative.

12 One of the decisions, could it be to go to the  
13 tidal marsh?

14 MR. MOSS: No, that is one of the options that  
15 is considered. It was kind of inherent in doing the  
16 cleanup. You can clean it up to seasonal wetlands or  
17 cleanup the entire area to the tidal marsh.

18 The position NASA has had is we've been using  
19 it as seasonal wetlands since '53; and from NASA's  
20 perspective, that's what they want to continue using it  
21 as.

22 MR. STANLEY-JONES: I gather that is the  
23 question.

24 MR. MOSS: Let me go back to what the RAB is  
25 talking about. The RAB considered the possibility of

1 having the entire area a tidal marsh; and on a  
2 feasibility basis it could be done. Okay.

3 The issue is whether it's more useful to the  
4 owner of the land, NASA, to have tidal or seasonal  
5 wetlands. NASA said it's better for us to have the  
6 seasonal wetlands.

7 As I mentioned earlier, we had a statement  
8 made last year that seasonal wetlands were a viable use  
9 and had ecological benefit.

10 I'll take it one step further. I discussed  
11 this with a friend of mine named Florence  
12 (unintelligible), some of you may know; and she's Miss  
13 Tidal Marsh in the Bay Area. And she did not have a  
14 strong feeling that all of this had to go to tidal  
15 marsh. She also said that she could see some real  
16 benefit to having it as a seasonal wetland. And she  
17 said that without a lot more study, she wasn't going to  
18 say it ought to be this or that.

19 So the best I can say is that the RAB felt  
20 that there were environmental benefits to either use,  
21 and this question whether this use or that use is a,  
22 quote, better use; and that kind of opened it.

23 MR. LANSDALE: Thanks, Bob.

24 And that was the -- what Bob provided for us  
25 was a story of RAB. Bob is community co-chair for the

1 RAB, and providing some of the thoughts that the RAB,  
2 discussions that the RAB has had over the past several  
3 years in discussion of Site 25.

4 What we've had is a discussion and a  
5 presentation on Site 25; we've had an opportunity to  
6 hear from the regulatory agencies, as well as the  
7 community co-chair for the Restoration Advisory Board.  
8 If you've had an opportunity to fill out your  
9 comment card, if Karen can pick up any additional  
10 cards, what we can do is open the public comment  
11 period.

12 You can either have -- you can come up and  
13 read your comment; or if you would like to, you can  
14 have your comment read by somebody else; and again, if  
15 you would like to -- you don't want to come up and  
16 speak, feel free to write on it a comment form and put  
17 it in the box.

18 If you don't want to speak tonight and you  
19 think of something tomorrow, feel free to mail it. The  
20 address -- it's already addressed.

21 Or, you can send it e-mail.

22 And these comments will all be incorporated in  
23 the Responsiveness Summary. Everything that's said  
24 tonight will be written and transcribed and included in  
25 the record.



1 context.

2 Save the Bay has been fighting for the past 40  
3 years to preserve the ecological integrity of San  
4 Francisco Bay. We have lost 90 percent of California's  
5 original wetlands. They've been destroyed by diking,  
6 draining, and filling; and over 5,000 acres of that  
7 loss has occurred here in the South Bay.

8 Many of the remaining wetlands are threatened  
9 by polluted runoff from paved surfaces and from  
10 community development.

11 Less than 60 years ago there were tidal  
12 marshes at Moffett Field; and what is now the eastern  
13 and western marshes that are now diked, and the  
14 adjacent so-called stormwater retention pond.

15 And I want to make the point that although  
16 they're referred to in all the official documents as  
17 stormwater retention ponds, largely because that is --  
18 because that is the use that they are employed as right  
19 now. They're basically a drain for surface water  
20 runoff. They actually are marshes and they were tidal  
21 marshes at one time.

22 The Baylands Ecosystem Habitat Goals Report --  
23 just referred to as the Goals Report, normally -- is a  
24 definitive study that was done in 1999 that looked at  
25 the terrific loss of wetlands in this area; and came up

1 with a plan to do something about it.

2 And this report provides a framework of  
3 achieving the goals that scientists feel that we have  
4 to achieve in San Francisco Bay to keep it vital. And  
5 and one of those goals was to restore a continuous  
6 shoreline of wetland habitat, including tidal and  
7 seasonal wetlands, particularly in the South Bay.

8 Restoring and enhancing these wetlands at  
9 Moffett, instead of destroying them, which is really  
10 what is happening now, would bring dramatic ecological  
11 benefits to the Bay; and as well, it would reclaim the  
12 shoreline for the communities of Mountain View and  
13 Sunnyvale.

14 It would provide critical habitats for  
15 specific species and specific waterfowl; it would  
16 improve Bay water quality. Wetlands actually have the  
17 ability to filter out sediments and lessen the impacts  
18 of flooding. It will enhance biodiversity; it will  
19 increase open space. There's opportunities there for  
20 public access, recreational opportunities for South Bay  
21 residents to enjoy.

22 And even though it's been diked off from the  
23 Bay for 50 years now, the wetlands of Moffett Field  
24 could be reconnected to the Bay. And that is the  
25 meaning of restoring it to tidal marsh; it means that

1 it would become part of the Bay ecosystem again. It  
2 would not be separated from it, allowed to dry out; in  
3 which case certain plants and animals can't survive  
4 through the year.

5 Another important point is that these  
6 marshlands have been recognized by the U.S. Fish and  
7 Wildlife Service as important to the nearby Don Edwards  
8 National Wildlife Refuge and are actually included in  
9 the congressional acquisition boundary.

10 The salt evaporation ponds that are adjacent  
11 to the Moffett wetlands are being acquired or being  
12 considered for acquisition by the refuge for  
13 restoration to the wetland habitat. This is happening  
14 all around the Moffett wetlands.

15 These wetlands are adjacent to it, but  
16 critical to the ongoing health of the Bay and that is  
17 the reason why tidal wetlands are important to save the  
18 Bay and to all the people who want to see this kind of  
19 restoration occur in the region.

20 Thank you.

21 MR. LANSDALE: Thank you.

22 MS. LINEHAN: I've been asked to read the next  
23 few names. Jeff Segall will be next, followed by Mel  
24 Bernstein, and he will be followed by Michael  
25 Stanley-Jones.

1 MR. SEGALL: Hello, my name is Jeff Segall,  
2 655 California Street, Mountain View. Thank you for  
3 the opportunity to comment this evening.

4 I believe the proposed Site 25 cleanup plan is  
5 inadequate in three respects. In the first respect has  
6 to do with the way that the Midpeninsula ownership  
7 issues are handled.

8 The Navy has tried to handle this issue of the  
9 Midpen's ownership of the portion of the land by the  
10 so-called Stormwater Retention Basin by omitting that  
11 portion and going forward with a plan that they drew up  
12 and released last summer for the remainder of Site 25;  
13 with assurances that the Midpen land will be handled  
14 later and will somehow turn out.

15 Since it is really one parcel, I find this  
16 illogical and unsatisfactory; and judging from the  
17 comments by -- provided in the letter by the  
18 Midpeninsula Regional Open Space District, they do as  
19 well.

20 I ask that the parcel be considered as one,  
21 and the issues handled together.

22 Another issue is that, another aspect of the  
23 cleanup that is unsatisfactory is that NASA's  
24 determination that this be retained as a stormwater  
25 retention pond.

1           NASA has indicated that the retention pond is  
2 needed for the stormwater retention because of flooding  
3 the runways during major storms.

4           However, just recently it's been mentioned  
5 that the Air National Guard might leave Moffett  
6 Airfield, and the possibilities for Mathews to be used  
7 for the airfield and the runways.

8           Finally, NASA together with -- sorry -- the  
9 Navy, together with NASA, has been responsible for the  
10 contamination of this site; the PCBs, the DDT, and so  
11 forth.

12           To me it's ironic that NASA in consultation  
13 with -- sorry -- the Navy, in consultation with NASA,  
14 is determining the level of cleanup that is appropriate  
15 for the contamination it caused, despite the  
16 overwhelming opposition of the public, its neighbors,  
17 U.S. Fish and Wildlife, and neighboring jurisdictions,  
18 such as the city of Mountain View.

19           This example may be a bit extreme, but the  
20 parallel that comes to mind is that Exxon determine  
21 what standard it set for cleaning up Prince William  
22 Sound.

23           Thank you very much.

24           MS. LINEHAN: Mel Bernstein.

25           MR. BERNSTEIN: Good evening. My name is Mel

1       Bernstein, B-e-r-n-s-t-e-i-n.

2                   I want to address a different aspect of this  
3 Proposed Plan and particularly what is going to be done  
4 with the contaminated soil which is excavated.

5                   There's a preferred plan which is needed to  
6 take all the contaminated soil and haul it off to  
7 various types of hazardous waste disposals; and I'm  
8 opposed to that plan.

9                   Being a resident in the area, I would like to  
10 the minimize the number of truckloads of contaminated  
11 soil which are hauled off the base and prior to try to  
12 do as much cleanup of contaminated soil on the site.

13                   I had some questions after receiving the  
14 meeting brochure that was mailed out. I went over to  
15 the library and looked at the report to at least find  
16 out what were the costs that were used for the two  
17 alternatives. It does give a breakdown, but there are  
18 lots of unanswered questions.

19                   I will be submitting a written document with  
20 lots of these questions about, you know, on what basis  
21 some soil is considered to be class one, others class  
22 three; and how much of this is metals contamination is  
23 a concern, and how much of it is organic DDT-type of  
24 contamination.

25                   I believe that there are better methods which

1 are available today for cleaning up that soil, and so I  
2 would want to see as much as possible of the  
3 contaminated soil, whatever is excavated, whatever is  
4 going to be excavated, because of other concerns, fine.  
5 Whatever is excavated, we treat as much as possible  
6 on-site.

7 MS. LINEHAN: Next we'll have Michael  
8 Stanley-Jones, followed by Lenny Siegel, followed by  
9 Paul Lesti.

10 MR. STANLEY-JONES: Michael Stanley-Jones,  
11 that's S-t-a-n-l-e-y, hyphen, J-o-n-e-s.

12 I'm here on behalf of Silicon Valley Toxics  
13 Coalition; and I'm a member of the Restoration Advisory  
14 Board.

15 Silicon Valley Toxics Coalition strongly  
16 concurs with the overarching recommendations of the  
17 U.S. Fish and Wildlife Service and California  
18 Department Fish and Game, that future use of the  
19 stormwater retention pond should be considered to be  
20 tidal wetlands.

21 The stormwater retention pond was once part of  
22 the San Francisco Bay tidelands. In 1947, the northern  
23 boundary was diked to create the salt evaporation  
24 ponds. Before construction of the dikes, the entire  
25 area was part of the San Francisco Bay tidelands. This

1 should be continued and its ultimate use.

2 The California Department of Fish and Game  
3 explained in its comments on the sitewide ecological  
4 assessment, that the principal results for remedy over  
5 remedial action is to prevent or minimize the release  
6 of hazardous substances so that they do not migrate or  
7 cause substantial dangers to the environment, and to  
8 protect and restore natural resources.

9 Cal DFG goes on to recommend that the remedial  
10 actions designed to restore natural resources to quote  
11 "conditions that would have been expected in the area  
12 had the discharge and release of the hazardous  
13 materials not occurred."

14 This latter goal was recently highlighted in  
15 the U.S. Fish and Wildlife Services services letter to  
16 you on the proposed Site 25 plan.

17 It states that the fish and wildlife services  
18 is interested in acquiring the Moffett Field wetlands  
19 if they're ever declared excess property by NASA or  
20 managing it for the benefit of wildlife, even if NASA  
21 continues to own them.

22 The Moffett Field wetlands stormwater  
23 retention ponds and the eastern and western diked  
24 marshes are within the acquisition boundary of the Don  
25 Edwards San Francisco Bay National Wildlife Refuge.

1           As such, it recommends that during the  
2 evaluation of cleanup levels for these wetlands,  
3 consider this potential ultimate use.

4           The letter states that the cleanup of these  
5 wetlands should be at a level which would save and  
6 support fish and wildlife and not result in significant  
7 ecological risks to the species which depend on this  
8 habitat.

9           We propose that the Proposed Plan for Site 25  
10 be adopted as an interim solution, so that the most  
11 contaminated areas of the site be cleaned up while not  
12 excluding the possibility of restoring the site to  
13 tidal wetland.

14           This should be accomplished either through a  
15 non-time critical removal action, or adopted as an  
16 interim remedy that has a record of decision.

17           With this, several things, milestones, need to  
18 occur before the interim remedy can change to a final  
19 remedy, but you mentioned only a few; we'll submit more  
20 in the future.

21           First, studies should be done on alternatives  
22 to the stormwater discharge of saltwater to the  
23 stormwater retention pond, including its use for  
24 remaining the same with tidal flow.

25           Secondly, there needs to be increased sampling

1 as suggested by the water district's representative to  
2 the board, Tom Moore. Increased sampling should be  
3 done for parts of the pond not presently subject to  
4 remedial measures.

5 Third, biological studies of the stormwater  
6 retention pond should be conducted after interim  
7 cleanup. The Navy designs studies lasting for five  
8 years.

9 For example, we have very little information  
10 on the lifecycle of the kettlefish, attached to wading  
11 bird feet. It's a lifecycle issue, information on  
12 lifecycle. All this needs to be understood so we can  
13 know if it's safe to -- I'm grappling.

14 The fact that there are fish in the pond  
15 suggests either it is not completely dry or that their  
16 lifecycle is such that they will only return during wet  
17 seasons. You don't understand this relationship yet;  
18 we need to study it further to know if the cleanup is  
19 truly protective.

20 I don't think such a study is done regarding  
21 the update on contaminants on the kettlefish, but this  
22 is also an important issue, and we need to understand  
23 for our understanding of the ecosystem.

24 Lastly, detailed future studies of the land  
25 use need to be conducted before we adopt a final

1 remedy. The knowledge gained from these studies will  
2 direct our final actions.

3 Let me close by saying that our comments that  
4 we made last summer, particularly those about the  
5 community's desire for a cleanup appropriate for tidal  
6 marsh restoration and future, need to be addressed.

7 Thank you.

8 MS. LINEHAN: I misspoke. Peter Strauss, who  
9 is next, followed by Lenny Siegel.

10 MR. STRAUSS: Good evening. My name is Peter  
11 Strauss, S-t-r-a-u-s-s; my mailing address is 317  
12 Rutledge Street, San Francisco, 94110.

13 Let me first preface my comments by saying  
14 that I wanted to address some of the things Bob Moss  
15 said because I think that they are misleading; and I  
16 think -- I'm sorry -- and I think that Bob tried to  
17 summarize things, and he gave his own opinion. And  
18 that's fine, but I don't think that that's what the --  
19 what the RAB had said.

20 First of all, that blue area, Bob said there  
21 was no significant contamination. If that is -- that's  
22 not correct. There is significant contamination.  
23 Almost one-third of that would be -- have to be cleaned  
24 up if it was restored to tidal wetland. As from the  
25 Navy's latest maps indicate, we've already said that

1 the biologist was for the Navy, not Fish and Game.

2 And the cost estimate was a  
3 back-of-the-envelope, a rough estimate, the difference  
4 between the two solutions; that is, the Proposed Plan  
5 and restoring the tidal wetlands. Everybody should  
6 take that into consideration.

7 Now, I want to reiterate what Michael said  
8 about restoring the tidal wetlands. I think that's the  
9 Silicon Valley Toxics Coalition's overarching goal.

10 And I wanted to talk to some of the points  
11 that he said about the interim remedy. I really want  
12 to look to the regulators for this, because I think  
13 there's a solution now, or an interim solution.

14 And you've all dealt with EEICAS and know  
15 that, and it's not time-critical removal actions or  
16 interim ROD. I've dealt with them as a technical  
17 adviser to community groups, so I know that you have as  
18 well. I think there's something, you know, that you  
19 can work out so that the work can be done that is  
20 proposed, but other things need to be done.

21 And I'm going to highlight some of those  
22 things that Michael did not pick up on.

23 You can't make a decision about this until a  
24 decision is made on the barrier between the Open Space  
25 District on the one hand, and the rest of the salt

1 water, stormwater retention pond. There's no really  
2 practical way to do except as an interim decision.

3 And that includes that -- you're cutting  
4 off -- this is NASA proposal is to have stormwater  
5 retention, but you're cutting off now 25 percent of the  
6 capacity.

7 I mean, somebody has to look at that and say,  
8 hey, is this going to be stormwater retention or are  
9 you going to have to look at something else, some other  
10 alternative for stormwater?

11 Do I have to obey you?

12 The loss diversion which is now -- there's no  
13 permit for loss diversion. There's three million  
14 gallons of water fresh water that flows into the  
15 stormwater retention pond per month. That is being  
16 diverted or planned to be diverted to Stevens Creek.  
17 There's no permit for that.

18 There has been a biological impact study done;  
19 all those things have to be done before you can say  
20 this is your final decision.

21 And I can't imagine how you can say, Mother  
22 Nature, if it's a wet season, and we're still pumping  
23 three million gallons a day into there -- three million  
24 gallons a month into there -- how you can keep it dry.

25 The historical deposition of sediments must be

1 understood. Historical patterns of drawing must be  
2 understood. There's no proven record that the  
3 retention pond -- just one minute -- is -- keeps  
4 strong.

5 There are fish in the pond; and then the fish  
6 were introduced for mosquito control a long time ago.  
7 Now, tell me how those fish got into the pond.

8 I think I'll close with that, and the rest of  
9 it will be written comments.

10 Thank you.

11 MS. LINEHAN: Lenny Siegel will be followed by  
12 Paul Lesti who will be followed by Bob Saint.

13 MR. SIEGEL: Good evening. I'm Lenny Siegel,  
14 Executive Director of the Center for Public  
15 Environmental Oversight, 269 Marin Street, Mountain  
16 View.

17 We're here tonight because long ago two  
18 federal agencies diked off the Bay destroying the  
19 natural tidal wetlands that were there for a very long  
20 time. Then they polluted the Bay. Now, they're  
21 telling us because of that pollution, we can't ever  
22 restore the Bay to its natural state. That's wrong.

23 Now, I wrote a letter to various agencies  
24 earlier this year and got a response. The whole  
25 question about what is the reasonably anticipated

1 future land use for Site 25.

2 And it's under EPA guidance, nationally,  
3 that's the standard you have to look at to determine  
4 what your clean up has to be. It's not the current  
5 use, or the last use, or the next use, but the  
6 reasonably anticipated future land use.

7 And although the EPA has a sense of guidance  
8 on listening to the community on this issue, both EPA  
9 and Navy responded that this is federal property; NASA  
10 decides.

11 I would contend first, that that's wrong, and  
12 secondly, that even NASA as a federal agency has to  
13 answer to a higher authority. That is, there's a  
14 consensus in this community that this should be a tidal  
15 wetland or we should study it for tidal wetland.

16 Maybe there are parts of newspapers, some  
17 forms that say, I haven't seen all the studies -- sure,  
18 it makes sense you have to study these things, because  
19 we tried this already in the north and it didn't quite  
20 work right. Well, that doesn't mean she wants this not  
21 to be cleaned up; and I that think Bob's referring to  
22 Florence -- I think you made a mistake in doing that.  
23 The higher authority is Congress. Congress  
24 more than 10 years ago enacted a law which said that  
25 this area should be considered for possible inclusion

1 in the San Francisco Bay National Wildlife Refuge.

2 Now, if it isn't mandated, apparently you have  
3 to work it out with NASA, whoever else owned it.

4 But to me, that's reasonable anticipation.  
5 There's a good reason to think somebody might want to  
6 restore that because Congress, which is higher than  
7 NASA, as I read the Constitution, is determined that  
8 it's authorized. That should be considered.

9 Just because the people who are currently  
10 running NASA say that they don't want it restored,  
11 that's not good enough; the fact that they say they'll  
12 pay for the changes, that is nonsense.

13 NASA doesn't have the money; they can't tell  
14 Congress to appropriate the money. That just gives  
15 them an incentive not to restore. That's not good  
16 enough.

17 You have to look at the reasonably anticipated  
18 future land use, and that includes management by the  
19 Refuge.

20 Now, what's the other major problem that we  
21 have here? Well, the problem we have is that we don't  
22 have a full remedy. We don't know how they're going to  
23 break the connection between Open Space District.  
24 Maybe they have, but they haven't told us how.

25 The NASA portion and close right with the Open

1 Space District. The Open Space District wants to take  
2 the levy out and let the waters come in from the creek  
3 in the Bay.

4 What's NASA going to do? Maybe you might want  
5 to build a dike; you have to get a permit from the  
6 Corps of Engineers. We don't know that that can  
7 happen. You can't make a remedy based on that  
8 question.

9 NASA says they have -- have been saying for  
10 years that they need a whole stormwater retention pond;  
11 and they're wrong. I don't understand it; is it to  
12 keep the water in or and water out.

13 I think they're supposed to keep the tides  
14 out, and they can pump it out just like they have been  
15 pumping it out the back of the airfield since they  
16 built it in 1941.

17 But NASA says they need a whole pond. Well,  
18 if they need the whole pond, what are they going to do  
19 when they lose a portion of the pond?

20 They're going to have to do something  
21 different; they're going to have to pump. Well, if  
22 they can pump a quarter of the water out, maybe they  
23 can pump half of it out.

24 We don't know what NASA is going to do if the  
25 Open Space District floods the pond, and the Navy

1 builds a dike. How can you make a final remedy based  
2 upon those items?

3 It's not just a remedial science. You have to  
4 figure out how -- those are fundamental questions in  
5 this remedy that aren't answered.

6 Now, I know you folks with the Navy and the  
7 regulators worked hard to come up with the sampling  
8 plan to figure out how you're going to deal with all  
9 this. And I don't want to stop you from doing what  
10 you're doing.

11 What I want is an agreement not to make this a  
12 final remedy, because when the other Navy policy -- and  
13 it's not one the regulators assert, it's one that the  
14 the Navy asserts -- that they won't come back to rip  
15 something up, even though the Navy has the money and  
16 NASA doesn't.

17 As I see it, the Navy can agree to interim  
18 remedial action; they can go ahead and excavate, if  
19 they plan to excavate, but until they've resolved all  
20 of the issues, until NASA talks to the Open Space  
21 District and the Fish and Wildlife Service about future  
22 use of the property, until they figure out how they're  
23 going to manage stormwater, if they lose a quarter of  
24 the pond, this is not a full remedy, we don't know how  
25 the institutional controls are going to be worked out,

1 it shouldn't be approved.

2 Thank you.

3 MS. LINEHAN: Paul Lesti, followed by Bob  
4 Saint, followed by Michael Dean.

5 MR. LESTI: Thank you. My naming is Paul  
6 Lesti, mailing address is 1000 Elno Court, Suite 203,  
7 Palo Alto 94303.

8 THE REPORTER: Spell you last name, please.

9 MR. LESTI: L-e-s-t-i.

10 I've been a member of the RAB since the  
11 consolidation of the RAB with the technical review  
12 committee; and I was, in fact, the first elected  
13 co-chair for the RAB.

14 So, Bob, I know what you're going through  
15 somewhat.

16 We are not an island. Everyone must deal with  
17 our larger society in some way or other. The Navy,  
18 however, seems to be playing by it's own rules. They  
19 seem to be creating an exception to this rule.

20 I support a cleanup plan for the tidal marsh  
21 not for seasonal wetlands.

22 Environmentally, it makes sense the Navy and a  
23 lot of the other operable units for the Superfund site  
24 at Moffett Field have been cleaning up these other  
25 sites to how the land was before they arrived at

1 Moffett Field.

2 So from a logical point of view it made sense  
3 for the Navy to certainly clean it up at the standards  
4 as the other operable units.

5 This issue that we're discussing tonight  
6 really hinges on the key point of will the stormwater  
7 retention ponds -- what is the reasonable likelihood of  
8 its anticipated land use.

9 I would say that it is for tidal wetlands.  
10 Number one, is that the Fish and Game has stated that  
11 they would be willing to manage this wetland as a tidal  
12 wetland even if NASA retains ownership.

13 Number two, Midpeninsula Open Space District  
14 owns land that is the same wetland; it's just  
15 interwoven with this same stormwater retention pond.  
16 There's no separation between this wetland.

17 And they have stated unequivocally that they  
18 will, in fact, have the tidal restoration to their  
19 wetland. The Navy plan does not include this in their  
20 plan.

21 Number three, the Cargill area is immediately  
22 adjacent to the stormwater retention ponds in this area  
23 and these wetlands are in negotiations right now for  
24 tidal wetland.

25 Number four, this wetland its within the

1 stormwater retention pond, especially Site 25, is  
2 within the boundary of the Don Edwards Wildlife Refuge.  
3 Number five, the possibility is that the Navy  
4 could be creating a literal island in the bay if this  
5 plan were to be approved as is.

6 This proposal is flawed because it is  
7 incomplete. It does not consider tidal wetland clean  
8 up, and it should only be considered as an interim  
9 remedy.

10 Any clean up plan that is proposed should  
11 anticipate the stormwater retention pond becoming a  
12 tidal marsh wetland; and therefore, it would prevent  
13 stormwater pond from becoming an island of pollution in  
14 the Bay.

15 Thank you.

16 MS. LINEHAN: Bob Saint.

17 MR. SAINT: Good evening. My name is Bob  
18 Saint, and I live at 208 Orchard Glen in Mountain View  
19 94043; and I'm representing myself this evening.

20 I certainly agree with everything that  
21 everyone has said this evening.

22 My concern -- I'm wondering where the source  
23 of the contaminant is; and maybe this is a moot point  
24 maybe it's already been dealt with. But it would seem  
25 to me if these contaminants are coming from the base

1       itself, every time it rains, that is, it's going to be  
2       flushing it into the sediment ponds.

3               And if it's cleaned up, what's going to happen  
4       in the future. So I would like to have that addressed.  
5       So thank you very much.

6               MS. LINEHAN: Next is Michael Dean, and our  
7       last speaker is Kelly Crowley.

8               MR. DEAN: My name is Michael Dean. I'm a San  
9       Jose State University environmental studies student.

10              I just want to present a question.

11              During the process when you identified the  
12       chemicals on the site that were a threat to animals and  
13       humans, did you consider the mixtures of those  
14       chemicals and the threat that the mixtures may present?

15       Thank you.

16              MS. LINEHAN: We have another speaker card,  
17       and if there's anyone else who would like to speak,  
18       just turn it in.

19              MS. CROWLEY: Good evening. I'm Kelly Crowley  
20       and I'm representing the Audubon Society, and I'm the  
21       environmental advocate in our Cupertino office.

22              I just wanted to make a few comments tonight.  
23       First of all, in no way should this be considered the  
24       final cleanup plan for this site. I think you've heard  
25       a lot of reasons tonight why there is a reasonable

1 anticipation that this very well could be tidal wetland  
2 in the future.

3 Now, I've heard one speaker say that there are  
4 environmental benefits to use of it as a seasonal  
5 wetland or as a tidal wetland; and that's exactly the  
6 point. We don't know which is truly most appropriate  
7 for the site.

8 But to only leave the cleanup at this level  
9 would preclude its use as a tidal wetland; and that, in  
10 and of itself, should be an incentive to provide a  
11 better clean up on the whole site, so that we're not  
12 making decisions for the future today, so that we leave  
13 some doors open. We don't want to close all the doors  
14 right now.

15 Let me back up a little bit and share our  
16 interest in this site. Santa Clara Valley Audubon is a  
17 chapter. We're loosely affiliated with National  
18 Audubon.

19 National Audubon has created a Bay restoration  
20 program. They've devoted quite a few staff members to  
21 implementing the first part of the habitat goals, which  
22 you've heard other people talk about, which is a  
23 systematic program for restoring the San Francisco Bay  
24 estuary.

25 This restoration effort is seriously

1 comparable to the restoration effort going on right now  
2 in the Florida Everglades. It's received a lot of  
3 publicity; it's very high profile; it's a very exciting  
4 project, as it should be for the Bay restoration  
5 program.

6 And there are very few opportunities around  
7 the Bay where we could actually reclaim some bayfront  
8 property and restore the tidal wetland. This is one of  
9 those opportunities right here.

10 So I really, strongly encourage you, if you  
11 want to adopt this as anything, make it an interim plan  
12 and continue to look at it, how you can do a better job  
13 of cleaning the entire site.

14 I'd like to point out that I really think that  
15 viewing this as two different parcels without anything  
16 separating them, is highly ridiculous; and if you  
17 include the cost of separating the parcels and cost of  
18 the levy, I bet you that the cost of these two  
19 alternatives would be not so different.

20 So thank you very much.

21 MS. LUCAS: My name is Libby Lucas, My address  
22 is 174 Yerba Santa Avenue, Los Altos 94022. I'm  
23 speaking for myself tonight.

24 THE REPORTER: Would you spell your first and  
25 last names, please?

1 MS. LUCAS: L-I-b-b-y, L-u-c-a-s

2 I think that there is one exercise that still  
3 has to be done; and that is to decide exactly what the  
4 capacity of the retention basin is, and how well it  
5 serves the flood control needs of the whole west side  
6 of the airfield, at the least; but anything else that  
7 comes in the way of development.

8 I think that what you want is a 10, 20, 100  
9 year flood evaluation of how much water is going to be  
10 needed to be taken care of in this retention basin.

11 And my hope would be that you will think in  
12 terms of what Palo Alto flood basin accomplishes; and  
13 that is, that it has at least one flood gate that will  
14 let water out, so that when you have a three-day storm,  
15 you aren't just holding every bit of runoff in the  
16 retention basin.

17 This is a certain engineering feat, but there  
18 are a lot of people working on this whole thing; and I  
19 think that you really need to put this into a formula;  
20 because you need to make sure that this doesn't have to  
21 rely on a pump; because that is going to have to have a  
22 special permit you're going to have lost the access to  
23 Stevens Creek from the Peninsula landfill; that means  
24 you're going to have to have a different sort of  
25 exposure to Stevens Creek.

1 Thank you very much.

2 MR. LANSDALE: Was that all of the public  
3 speakers tonight? Would anybody else like to speak?  
4 Would anybody else like to come up?

5 You have to fill out a card.

6 MR. MOSS: I felt I should respond --

7 (Short discussion regarding the  
8 microphone.)

9 MR. MOSS: That works.

10 I was accused by a couple of the speakers of  
11 being too terse about the summary; and that's correct.  
12 I made the mistake of trying to be brief rather than be  
13 thorough. So let me comment more about what the RAB  
14 discussed last week and some of the aspects of it.

15 It is quite correct that because of the  
16 separation of the two properties was raised and was not  
17 answered; and I tried to address that with the key  
18 issues analogy.

19 But it's quite true, if you're going to have a  
20 portion of it used as seasonal wetland and a portion as  
21 tidal marsh, it's physically impossible to do that  
22 without some type of separation.

23 And RAB is unhappy with that, but that was not  
24 one of the topics that was on the table last week. So  
25 that does have to be addressed in order to talk about

1 two uses in its physically-connected property such as  
2 this, I don't think looking at the analysis again, the  
3 results that were in the report, show that the area in  
4 the Regional Open Space District was not high to be  
5 cleaned up. The concentration levels were below the  
6 actual -- and I have to look at that again -- but that  
7 was my recollection of the actual data that I saw.

8 I made the statement because I was recalling  
9 what was in your report.

10 And the final comment that I would like to  
11 make is that I think the community has made it quite  
12 clear that they would like to see -- and by the way I  
13 expressed this at the RAB meeting last week -- they  
14 would like to see more data as on the extent of the  
15 contamination and estimates of the actual cost of doing  
16 a complete clean up, whether that is what it is done in  
17 the near term or not.

18 And one of the points that I raised, it would  
19 be useful to do the same analysis in the NASA area that  
20 is gone down the last two feet, instead of only one  
21 foot; and completely bound the extent of the  
22 contamination and allow better evaluation of the  
23 relative cost of clean up, rather than what they're  
24 planning which is only going down one foot in the NASA  
25 area, and then going down two feet in the open space

1 area.

2 We're talking about perhaps two dozen  
3 additional samples, so it's not a huge amount of money.

4 But I did want to clarify that, that the RAB  
5 meeting last week. If I was too brief, I apologize

6 MR. LANSDALE: Did anybody else like to speak?

7 MR. YOUNG: Hello. My name is Clifford Young,  
8 Y-o-u-n-g, I live at 130 Porter Lane in San Jose,  
9 California. And I happened to see the notices in the  
10 newspaper last week about this meeting.

11 And I know you're seeking getting comments  
12 from the public. But I wonder, most of you people here  
13 are not really representing the whole entire public.  
14 They have special interests, environmentalists.

15 But what about the ordinary day citizen, which  
16 to me represents the public? How much input have you  
17 had from them, and how have you reached out to make  
18 sure the public really understands what's going on, so  
19 you can get the true input from the public, and not  
20 just from a small group of people.

21 And that's my only concern right now.

22 MR. LANSDALE: Thank you.

23 If there's no more comments, oral comment,  
24 that you can write, fill out the forms, because they're  
25 excellent forms, or feel free to make any comments

1 through the comment period which ends on the 3rd of  
2 next month.

3 I thank everybody for coming. We have some  
4 coffee, I think, and cookies maybe you can have  
5 outside, downstairs. but thank you very much for  
6 coming; and we'll have responses I believe sometime  
7 next month.

8 Thank you, again. It's 9:10 p.m., and we will  
9 close the meeting.

10 (Proceedings adjourned at 9:10 p.m.)

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STATE OF CALIFORNIA)

) ss.

COUNTY OF SAN MATEO)

I, C. L. BLAKE, CSR NO. 3965, a Certified Shorthand Reporter of the State of California, do hereby certify:

That the foregoing proceedings were taken before me at the time and place herein set forth; that a verbatim record of the proceedings was made by me using machine shorthand, which was thereafter transcribed under my direction to the best of my ability.

I further certify that I am neither financially interested in the action nor a relative or employee of any attorney or any of the parties.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my signature this 6th day of June, 2002.

*Claudio L. Blake*

C. L. BLAKE, CSR 3965

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Public Affairs  
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July 8, 2002



Luis Rivero  
Foster Wheeler Environmental Corporation  
1230 Columbia Street, Suite 640  
San Diego, CA 92101

*RE: Community Relations Support for Moffett Federal Airfield*  
*Transmittal: Site 25 Eastern Diked Marsh and Stormwater Retention Basin*  
*Revised Proposed Plan Public Meeting Transcript*

Dear Mr. Rivero:

This letter serves to transmit the certified transcript from public meeting held on 16 May 2002, for the Revised Proposed Plan for Site 25, the Eastern Diked Marsh and Stormwater Retention Basin. The original is being submitted for the Southwest Division administrative record file coordinator, Diane Silva. If you have any questions, please do not hesitate to call me at 858-452-0031 x390.

Very truly yours,

A handwritten signature in cursive script that reads "Karen".

Karen Linehan  
Community Relations  
Moffett Federal Airfield

Attachment

Cc:

DC File, FWENC  
G. Starr, FWENC  
A. Tamayo, SWDIV  
L. Lansdale, SWDIV  
D, Silva, SWDIV Administrative Records Coordinator - **ORIGINAL**

Public Affairs  
Community Relations  
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July 8, 2002



Mountain View Public Library  
C/O: Candy Bowers  
Acting Library Services Director  
585 Franklin Street  
Mountain View, CA 94041

Dear Candy,

Enclosed is the certified transcript from the Moffett Federal Airfield Site 25 Eastern Diked Marsh and Stormwater Retention Basin Revised Proposed Plan public meeting held on 16 May 2002. This document is to be made available for public review in the installation's designated information repository. If you have any questions, please do not hesitate to call me at 858-452-0031 x390.

Sincerely,

A handwritten signature in cursive script that reads "Karen".

Karen Linehan  
Moffett Field Community Relations  
Katz & Associates, Inc.

cc: L. Rivero, FWENC  
G. Starr, FWENC  
A. Tamayo, SWDIV  
L. Lansdale, SWDIV