



DEPARTMENT OF THE NAVY

NAVAL WEAPONS STATION EARLE
201 HWY 34 SOUTH
COLTS NECK, NEW JERSEY 07722-5001

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NWS EARLE

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30 June 1998

From: Commanding Officer, Naval Weapons Station Earle
To: Distribution

Subj: MINUTES OF NAVAL WEAPONS STATION EARLE RESTORATION
ADVISORY BOARD (RAB) MEETING OF 14 MAY 98

- Encl: (1) Stenographer's Transcript of Public [RAB] Meeting, 14 May 98, by Ms. Corinna Trumper of State Shorthand Reporting Service, Allenhurst, NJ
(2) Technical Assistance for Public Participation in DODs Environmental Restoration Program, Presented by J. Kolicius, 14 May 98.
(3) NWS Earle Installation Restoration Program 1998 Planned and Unfunded Actions; 1999 Planned and Deferred Actions, Presented by J. Kolicius, as of 14 May 98.
(4) Landfill Cap Quantities, Sites 4 and 5, C. Tippmann, Foster Wheeler Environmental Corporation, 14 May 98.

1. A meeting of the Naval Weapons Station (WPNSTA) Earle RAB was held on Thursday, 14 May 98 at 7:00 p.m. in Building C-54 (Conference Room), WPNSTA Earle. The following Station and community representatives attended:

NAME	ORGANIZATION
Robert M. Honey	Commanding Officer, WPNSTA Earle
Charles Caudill	Executive Officer, WPNSTA Earle
Deborah Sciascia	Office of Counsel, WPNSTA Earle
Gus Hermanni	Safety Director, WPNSTA Earle
Mike Brady	Public Affairs Office, WPNSTA Earle
Corinna Trumper	State Shorthand Reporting Service
Gregory Goepfert	Environmental Engineer, WPNSTA Earle
William Monahan	Tinton Falls Environmental Commission
Lester Jargowsky	Monmouth County Health Department
John Kolicius	NORTHNAVFACENGCOM
John Mayhew	NORTHNAVFACENGCOM
Russ Turner	Tetra Tech Environmental
Merwin Kinkade	Tinton Falls Environmental Commission
Bob Marcolina	New Jersey Department of Environmental Protection
Mary Lanko	Resident, Howell Township
Larry Harris	Colts Neck Board of Health
Marilyn Boak	Colts Neck Board of Health
Carole Balmer	Resident, Holmdel
Will Stephan	Resident, Howell

Subj: MINUTES OF NAVAL WEAPONS STATION EARLE RESTORATION ADVISORY BOARD (RAB) MEETING OF 14 MAY 98

2. A field tour was provided of the in-progress work at the Site 4 landfill (near Lake Earle).
3. The minutes of this meeting, forwarded as enclosure (1), are the official record of comment and discussion on the "No Further Action Record of Decision (ROD) for Operable Unit 4 (OU-4)," known as Sites 14 (Mercury Spill at the Defense Property Disposal Office Warehouse, Bldg. (C-33), 20 (Grit Blast Disposal Site Adjacent to Bldg. MAB-544), 22 (Paint Sludge Disposal Site Adjacent to Bldg. D-2), 23 (Paint Sludge Disposal Site Adjacent to Bldg. D-5), 24 (Northern-most Closed Pistol Range en route to Lake Earle), 25 (Southern-most Closed Pistol Range en route to Lake Earle), 27 (Projectile Refurbishing Area at Bldg. E-14) and 29 (PCB Spill Site north of Bldg. C-16).

Enclosures (2), (3), and (4) are forwarded to complement the minutes.

The next meeting will be held on Thursday, September 10, 1998, 7:00 P.M. at WPNSTA Earle, Bldg. C-54 large conference room.

Meeting adjourned at 9:15 P.M.

4. Milestones

(a) Mr. Goepfert to assure that access controls are designed and specified for the completed landfill cap areas at Site 4 (near Lake Earle) and Site 5 (adjacent to the Explosives Ordnance Disposal Range). The Resident Officer in Charge of Construction (ROICC) will ensure execution, as directed by Captain Honey.

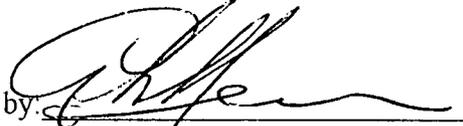
Submitted by:


GREGORY J. GOEPFERT

Navy Co-Chair

Restoration Advisory Board

Approved/Reviewed by:


AUGUST L. HERMANNI

By direction

Distribution:
RAB Members/Attendees

THE UNITED STATES OF AMERICA
DEPARTMENT OF THE NAVY

IN THE MATTER OF THE RESTORATION ADVISORY BOARD MEETING
TRANSCRIPT OF PROCEEDINGS

May 14, 1998
Naval Weapons Station Earle
Colts Neck, New Jersey 07722
7:00 p.m.

APPEARANCES:

DEPARTMENT OF THE NAVY
NAVAL WEAPONS STATION EARLE
BY: GREGORY GOEPFERT
201 Highway 34 South
Colts Neck, New Jersey 07722
For the Board.

(Whereupon there is a pre-meeting tour of the sites.)

MR. GOEPFERT: A couple of things I want to mention before we get started, one is we would like to recognize our Community Co-chair, Mr. Lester Jargowsky, for 20 years of service with the Monmouth County Health Department. I was very happy to be invited to a personal invitation to the anniversary get together a week or so ago, it was enjoyed and many years of health and future with the Health Department.

MR. JARGOWSKY: Thank you.

MR. GOEPFERT: The other is agenda item 1-A, Mr. Merwin Kinkade would like to let us know about what he's doing with some grants for the Pine Brook area.

MR. KINKADE: That the Borough of Tinton Falls received a grant from the Department of Environmental Protection to do a water shed study of Pine Brook. And we believe that we were successful in great measure due to the support of the Navy with a very strong letter of support for the recognition and support of the project. It used to be OES, now it's ESP Grant,

Environmental something program grant. And we should start probably working on that after July 1st. We might even be coming up to visit you guys. And we want to thank you very much, because I know that made the difference.

MR. GOEPFERT: What's going to be exactly involved with the study?

MR. KINKADE: It's mostly a study of your land uses in the water shed and somewhat of a hydrology. There is a long term goal to see about protecting Pine Brook down stream. It's really, those of you who haven't seen it, it's really pretty nice. It's beautiful. I think it's the prettiest part of Tinton Falls, along the Pine Brook. And we're working very hard on a separate project to establish a green way along Pine Brook.

In fact, initial planning has been done for a section of the Pine Brook from the historic pause (phonetic) down through the confluence (phonetic) with the swimming river, and we're making a presentation of the planning board in Tinton Falls next week. But it's really quite a nice resource, it's beautiful. It's healthy. It's trout maintenance, and we would

like to keep it that way.

MR. GOEPFERT: For the benefit of our stenographer, I would like to have everybody introduce themselves. I would like to introduce one of our first time guests, our executive officer.

COMMANDER CAUDILL: I'm Commander Chuck Caudill. It's really great to be here.

MR. HERMANI: Gus Hermanni, Safety Director of Earle.

COMMANDER HONEY: Bob Honey, CO Weapons Station Earle.

MS. SCIASCIA: Deborah Sciascia, Counsel Weapons Station Earle.

MR. JARGOWSKY: Lester Jargowsky, Monmouth County Health Department.

MR. MONAHAN: Bill Monahan, Tinton Falls Environmental.

MR. KINKADE: Merwin Kinkade, Tinton Falls.

MR. GOEPFERT: Greg Goepfert, Environmental Engineer, Earle.

MR. KOLICIUS: John Kolicus, Northern Division Naval Facilities Engineering.

1 MR. MARCOLINA: Bob
 2 Marcolina, New Jersey Department of Environmental
 3 Protection.
 4 MR. MAYHEW: John Mayhew,
 5 Northern Division Naval Facilities Engineering
 6 Command.
 7 MR. TURNER: Russ Turner.
 8 MS. BALMER: Carol Balmer,
 9 Holmdel Township.
 10 MS. BOAK: Marilyn Boak,
 11 Colts Neck Board of Health.
 12 MR. HARRIS: Larry Harris,
 13 Colts Neck Board of Health.
 14 MS. LANKO: Sherry Lanko.
 15 MR. STEPHAN: Will Stephan,
 16 Howell Township.
 17 MR. BRADY: Mike Brady,
 18 Earle.
 19 MR. GOEPFERT: Okay. Now
 20 that we are introduced, I would like to go over
 21 the minutes for the last meetings. Does anyone
 22 have any additions or corrections for the
 23 minutes?
 24 MR. JARGOWSKY: Yes. Page
 25 15; okay, on the bottom, the last sentence.

1 15, MERCK to Smith-Kline Beechem. Page 17, 4
 2 percent to 40 percent.
 3 MR. JARGOWSKY: Correct.
 4 MR. GOEPFERT: Okay. Any
 5 other additions or corrections? Motion to
 6 approve.
 7 MR. KINKADE: So moved.
 8 MR. GOEPFERT: Can we have a
 9 vote to approve? All say aye.
 10 (Whereupon the members signify by saying
 11 aye.)
 12 MR. GOEPFERT: Nay. The
 13 minutes stand as are entered into the record, as
 14 corrected. That's that. We have several other
 15 items on the agenda, first and foremost -- well,
 16 they're all first and foremost, but this is a
 17 public meeting by virtue of the fact that we made
 18 an advertisement in the legal notices of the
 19 Asbury Park Press, and the specific reason is to
 20 ask for comments on our draft proposed plan for
 21 eight sites for which we believe have been
 22 cleaned up or acted upon to the point that no
 23 further actions would be necessary.
 24 I do have a short video
 25 presentation to just show you those sites, and on

1 MR. GOEPFERT: Okay.
 2 MR. JARGOWSKY: It's MERCK,
 3 M-E-R-C-K.
 4 MR. GOEPFERT: Right.
 5 MR. JARGOWSKY: Change that
 6 to Smith-Kline Beechem.
 7 MR. GOEPFERT: Okay.
 8 MR. JARGOWSKY: Even though
 9 MERCK was in competition, put Smith-Kline Beechem
 10 in there, that's who is the lead pharmaceutical
 11 company Lyme vaccine.
 12 MR. GOEPFERT: So noted, Page
 13 15.
 14 MR. JARGOWSKY: And Page 17.
 15 MR. GOEPFERT: Okay.
 16 MR. JARGOWSKY: Okay. We're
 17 talking about air pollution, and the minutes
 18 indicate up to 4 percent of the nutrients and
 19 whatever is coming in via air pollution, it's 40
 20 percent.
 21 MR. GOEPFERT: Okay. All
 22 right.
 23 MR. JARGOWSKY: And that's
 24 it.
 25 MR. GOEPFERT: Okay. Page

1 the same video presentation, we have some
 2 information about two other sites that we're
 3 looking at, as well as review of the progress on
 4 four sites that are undergoing active
 5 remediation, such as Site 4 that you saw this
 6 evening. So it's a short clip, and it will in 10
 7 or 15 minutes, it will take care of three of our
 8 agenda items. So I'll show the video.
 9 MR. KOLICIUS: One thing
 10 while Greg is getting set up, the EPA Project
 11 Manager has recently changed, Sharon Jaffis
 12 (phonetic) was asked by the regional
 13 administrator to take over the Diamond Shamrock
 14 site, so she grudgingly gave up Earle, and the
 15 fellow who is currently assigned to Earle may or
 16 may not stay on the project, his name is Bill
 17 Roach, but he had a previous family commitment
 18 for this evening, so he wasn't going to be able
 19 to make it tonight.
 20 (Whereupon there is a video
 21 presentation.)
 22 MR. GOEPFERT: Well, that was
 23 kind of fun. We had a local videographer who
 24 does private work, we were lucky to access
 25 through one of our contracts. And I took all the

1 video, and then took the script from all the
2 little reports that we get, and then brought it
3 all together and edit it along with her to get a
4 good summary. Is there any questions or comments
5 on what you've heard?

6 MR. KINKADE: At what point
7 will the monitoring wells be closed, once you get
8 your approval of the proposed plan?

9 MR. GOEPFERT: The monitoring
10 wells?

11 MR. KINKADE: Yeah.

12 MR. GOEPFERT: The monitoring
13 wells are located at quite a number of sites on
14 the base.

15 MR. KINKADE: Well, she made
16 particular reference of the monitoring wells
17 being open, you're probably not going to leave
18 those open if you don't need to.

19 MR. GOEPFERT: Right. If we
20 don't need to, if there's an agreement made, then
21 we won't leave them open, we will close them
22 ultimately. A lot of the wells you wait a couple
23 of years after the remedial action is completed,
24 and make an agreement to monitor them for a
25 couple of years, and then after nothing shows up,

1 usually the EPA writes them off.

2 However, sometimes when you're
3 doing one site, cleaning up a site, you may need
4 them to use for another site. So you know I
5 think the philosophy is to try to get them closed
6 as soon as possible. However, if it helps our
7 cause to leave them open for several years just
8 to have them available to be monitored, you know,
9 the cost is already sunk. We've already paid the
10 money to have them established.

11 MR. KOLICIUS: Sites 22 and
12 23 are down grading of the Site 4 landfill, so
13 that maybe it will come into use there and Site
14 29 isn't directly down grade of the biosloping
15 area, but it's nearby, so we may want to have
16 that as a reference point. So for the time
17 being, we're leaving them open.

18 MR. GOEPFERT: At some other
19 areas, like for example, Site 5, we'll have to
20 add a number of perimeter wells, as per the
21 State's request, to make sure that we fully
22 envelope the landfill, downstream of the site.

23 MR. JARGOWSKY: Was that near
24 the railroad tracks? I'm trying to envision
25 that.

1 MR. GOEPFERT: What, Site 5?

2 MR. JARGOWSKY: Yeah.

3 MR. GOEPFERT: The railroad
4 tracks --

5 MR. JARGOWSKY: Is there a
6 swamp in the background and a big high wire
7 fence?

8 MR. GOEPFERT: Right.
9 Normally, the way we went in -- like I said, that
10 was the southwest corner of this site. Somebody
11 had told me that there was good vantage point to
12 look at the liner installation, and I went up
13 there and took the pictures from that standpoint.
14 In the video we saw the pesticide shop, which we
15 are actively investigating, and also the battery
16 area which we also have under control.

17 We know basically where the site
18 lies, and we're going to get a full
19 characterization of the site sometime early next
20 year, fiscal year. And we'll report any of the
21 findings to this board as soon as we find out
22 more information. Any other questions or
23 comments?

24 MR. JARGOWSKY: I have one
25 other comment. On Site 29, on the tape they

1 talked about the excavation in the area of the
2 construction. That soil was deemed non-hazardous
3 for disposal purposes, but Earle had stockpiled
4 it on the site, and with the landfill jobs coming
5 in, and the need for a lot of regrading, we were
6 able to use this clean soil as a drop in the
7 bucket against what we were bringing in any way.
8 But just as an added measure of safety, that soil
9 from the previous site went underneath the cap of
10 one of the landfills.

11 MR. GOEPFERT: Okay. If
12 there aren't any other questions or comments, I
13 would like to proceed with the next item on the
14 agenda, which is the -- we found out recently
15 about the RAB Technical Assistance Grants, and
16 John Kolicius will give us a short talk on the
17 availability of those grants.

18 MR. JARGOWSKY: This is not a
19 new matter for the RAB, for sometime we have
20 known that, you know, that these grants have been
21 out there. This is a little preamble to John's
22 presentation. Recently, there's been a flurry of
23 communication packages for vendors promoting RAB
24 services, and there was a request that there be a
25 RAB informed once again, that there was such a

1 service available, and so we're sort of going
2 through this again.

3 (Whereupon there is a slide presentation by
4 Mr. Kolicius.)

5 MR. GOEPFERT: We have a
6 synopsis page of the grant itself if you want to
7 take it home and read about it.

8 MR. KOLICIUS: And again, as
9 I said before we've already been doing a lot of
10 the similar type training and things through
11 available resources, whether it's ourselves, the
12 videos of what we're doing, the special speakers
13 coming in, but there is a push right now to make
14 sure that the community members of the RAB's are
15 satisfied with the information they're getting,
16 and if they need assistance, to let them know
17 that this assistance is out there. Are there any
18 questions on this program?

19 MR. MARCOLINA: John, are
20 there any examples of where this tact has been
21 used on other DOD sites in New Jersey? Just
22 speaking with other project managers in the
23 department, I don't know of any example, I was
24 just wondering if there was somebody using that
25 out there.

1 officer, but there's set guidelines as far as
2 what's approvable, what isn't, and it's the
3 commanding officer --

4 MS. BALMER: That's assuming
5 they get the money, assuming it's funded, then
6 you would be able to do that.

7 MR. KOLICIUS: Right. Well,
8 that's one of the criterias as far as when they
9 approved it or not. Within the Navy generally,
10 the Chief of Naval Operations I believe has set
11 some money aside from the rest of the Naval
12 Environmental Restoration Budget, so if these
13 things come up, the money should be available.
14 In some of the other services, I know within the
15 Army it has to be part of the station's
16 Environmental Restoration Budget, so you may
17 actually be taking something away from another
18 project.

19 The Navy is trying to avoid that
20 right now, but again, if the commanding officer
21 chose to turn down the proposal, there are
22 appeals processes. There are ways of trying to
23 resolve what is progress making with the project,
24 but generally, it is a program out there to help
25 build the confidence of the community members.

1 MR. KOLICIUS: I'm pretty
2 sure there aren't any DOD in New Jersey, the only
3 Navy one that I'm familiar with is I believe
4 China Lake out in California, and that is a
5 situation where there's a lot of community
6 mistrust on the RAB, and there's really a lot of
7 push to have an independent voice looking at
8 things, looking at a lot of the risk assessment
9 type work.

10 And as I say, I can't suggest to
11 you whether you need to get one of these or don't
12 need to get one of these, it's really up to the
13 community members, but we are required to let you
14 know the information is out there, and if the
15 community members do want to get something like
16 this together, the only real restriction to them
17 is there has to be a consensus of the community
18 members of the RAB on what type of project you
19 feel you need help with, and then the appropriate
20 way to attack it would be to bring it forward to
21 Lester, as the community co-chair, who would get
22 together with Greg and myself, and the
23 application is actually pretty simple.

24 And the approval authority for such
25 a project is actually with the base commanding

1 MR. KINKADE: John, could I
2 suggest that possibly at the end of this meeting,
3 the community members caucus without the Navy
4 here for a couple of minutes just to see if we
5 want to pursue it, because I'm not sure that we
6 want to spend a whole lot of time if we don't
7 want to pursue it.

8 MR. KOLICIUS: Okay.

9 MR. JARGOWSKY: I sort of
10 because the communications were coming into me
11 and to others, I refused to just sit on it. I
12 asked Greg if we could put it on the agenda,
13 because it's not my decision, it's your decision.
14 And I just wanted to reaffirm the fact that we do
15 have this sitting in the back drop; okay?
16 Personally, I don't have a driving need to go
17 this route, but it's not my decision to make.

18 MR. KINKADE: That's why I
19 thought maybe if we could just get together for a
20 few minutes and decide.

21 MR. GOEPFERT: If you want to
22 take a break right now, we can leave the room and
23 you can speak amongst yourselves, and we'll come
24 back in whenever you're ready.

25 (Whereupon the community members caucus.)

1 MR. JARGOWSKY: We're very,
2 very impressed, and we would like to submit
3 formal wording for the record at a later meeting,
4 so that we have the appropriate comments in the
5 record. Our main problem is coming up with
6 language which gives you appropriate recognition
7 for all the good things that you've done. We
8 have a problem wording that appropriately at this
9 time.

10 *MS* ~~COMMANDER~~ ^{CAPTAIN} HONEY: We
11 certainly appreciate your confidence.

12 MR. JARGOWSKY: There was a
13 unanimous vote, but we just couldn't figure out
14 what kind of nice words to put in it.

15 MR. KINKADE: In other words,
16 we felt there was no need for a grant because of
17 the job that's been done by the Navy.

18 MR. KOLICIUS: And again, as
19 we said two years ago, this opportunity is out
20 there whenever the need arises. We're going to
21 try to keep you informed to the best extent we
22 can, but if an issue comes up that needs
23 clarification, it's out there.

24 MR. GOEPFERT: Okay. Thanks
25 for your candid comments and we'll continue to

1 try to give you the information as we get it.
2 The next issue was the issue Mr. Jargowsky would
3 like to talk about regarding natural attenuation
4 and institutional conformance (phonetic).

5 MR. JARGOWSKY: Another
6 communication that came through was a news
7 letter. We got this news letter out to all the
8 folks, the military environmental group.

9 MR. GOEPFERT: I didn't put
10 it out, but I can put it out in the minutes.

11 MR. JARGOWSKY: You're going
12 to put it out there. Basically in that news
13 letter, it makes reference to increase more
14 controls, and there's a discussion on natural
15 attenuation, leaving the site alone, monitoring
16 it for long periods of time. And I just wanted
17 to bring that out and the fact that, you know,
18 there's not endless money in this clean up
19 process, and we should be looking at relative
20 risks with a lot of these sites.

21 And in some cases, we might want to
22 challenge spending you know substantial amounts
23 of money on certain clean-up's where natural
24 attenuation and some monitoring, long term
25 monitoring might be more cost effective. And so

1 I think what we should do as a matter of fact,
2 I'm suggesting this, is that all future projects,
3 as a matter of fact, we raise the issue of
4 natural attention.

5 We force a risk assessment, even
6 though the Navy has been doing that any way, just
7 giving us some idea of risk assessment, that we
8 force that issue at every site, so that we can
9 make a decision whether it would be rational to
10 move more so toward a natural attenuation, which
11 would cost less, but having maybe a longer
12 monitoring time or whatever, but in the long term
13 cost less and use those resources, those limited
14 resources to maybe deal with more serious sites.
15 You know, but in the long term, not jeopardize
16 public health or environment basically, I mean
17 you have to have control of the site.

18 MR. MARCOLINA: Usually as a
19 basis of comparison in the feasibility studies,
20 we will first entertain at least no further
21 action and natural attenuation as a basis for
22 comparison. It's always -- in other words, it's
23 always considered by the department and the EPA.

24 MR. GOEPFERT: Well, of
25 course, that's by the Department of the State of

1 New Jersey, but the EPA has promulgated policies
2 that force us into what they call presumptive
3 remedies, especially with these two landfills
4 that we've had up here, that we've basically been
5 forced into having to do the capping work,
6 because it's a landfill on a military base.

7 But also EPA has come up with new
8 guidance, as per this article that Mr. Jargowsky
9 is quoting, that you know, again, tries to force
10 the issue of looking at other ways perhaps that
11 we could consider natural attenuation, and free
12 up money to be spent on more serious other sites
13 with higher risk factors. John will be getting
14 into a little bit more about the plan for the
15 future years, and in that plan, you know, it
16 would be appreciated if we could maybe give it
17 more serious consideration to do things like
18 natural attenuation or a less intrusive action.

19 MR. JARGOWSKY: Yeah, I
20 really think we ought to look at that, and that
21 as a RAB and on the side, we ought to get
22 comfortable one way or the other, you know, yes,
23 we're comfortable, no, we're not, you know, and
24 see if we really want to fight hard for natural
25 attenuation on the site to keep costs down where

1 we might be able to help the military address
2 other sites more vigorously since they have the
3 money.

4 MR. KINKADE: I think that's
5 a function of the contaminants you're dealing
6 with, hydrocarbons (phonetic) do, chlorinated
7 hydrocarbons do not on these sites.

8 MR. GOEPFERT: The other
9 issue is that natural attenuation is not a no
10 further action designation. In fact, natural
11 attenuation actually requires more management for
12 a site.

13 MR. JARGOWSKY: Long term.

14 MR. GOEPFERT: More focus on
15 knowing that site is there for a longer period of
16 time, whereas if you say well this site is now
17 closed out, and there's no more monitoring going
18 on, that site basically gets forgotten about
19 forever. However, if you say well, we're doing
20 natural attenuation, that site, you know, is on
21 your list of things to maintain. But we need to
22 look at the risks, and we also need to look at
23 cost. Because certainly we don't want to cut
24 doing work if there's an actual risk involved.

25 MR. KOLICIUS: The other

1 done wrong in the past, what we're just saying is
2 that we recognize there is not an endless source
3 of dollars, and the Navy is finding a couple of
4 sites as fast as they clean up a couple, and we
5 really would like to work with them, for them to
6 be able to do the job, and yet not jeopardize
7 anything. That's all we're saying, I think.

8 MR. KOLICIUS: We appreciate
9 that.

10 MR. JARGOWSKY: On the
11 institutional controls was alluding to like some
12 of the, you know, out in the field about what's
13 to stop someone from going out and wants fresh
14 fill, and they see this beautiful mountain
15 created by Captain Honey, and just going out
16 there and breaking out the bulldozer and just
17 cutting through that -- you know, all that work,
18 cutting through that membrane.

19 Basically, all it would take is
20 someone going astray for half an hour or less in
21 a backhoe, and that membrane is shot. And that
22 same article makes reference to a variety of
23 institutional controls, how do you archive a
24 site? And how do you deal with someone who's
25 just out joy riding with his backhoe and not

1 thing that can be done is combinations of things
2 that I guess they say natural attenuation with
3 institutional controls. If something is mainly
4 just a surface soil problem, you may put an
5 additional layer of soil over it without going to
6 the extreme of capping a landfill, or you may
7 have another area where you put a fence around an
8 area and monitor it.

9 So that I mean if the main threat
10 is right at the site, but you don't think
11 anything is leaving the site, you control people
12 from getting at the site, the health risk is
13 reduced, but you don't necessarily go into a
14 major remediation for something that's a minimal
15 risk.

16 MR. HARRIS: Well,
17 specifically I think what we're talking about the
18 use of plastic rather than clay, in this case
19 where it wasn't a major problem and there wasn't
20 anything coming out of the ground, I think that
21 was basically -- at least that was one of my
22 thoughts.

23 MR. JARGOWSKY: What we're
24 trying not to do here is promote cutting corners,
25 and we're not saying here that anything has been

1 jeopardizing a good project. Your comments and
2 suggestions in that regard would be most
3 appreciated.

4 MR. GOEPFERT: Okay. We'll
5 take that into consideration. I guess the main
6 thing is communication on our station here,
7 basically to make sure that the people here
8 understand that, that that's an off limits area.
9 And we have several ways of making sure that gets
10 done, we may show them the video, if they're in
11 equipment out there, they'll have to learn where
12 the site is on a map. They'll have an off limits
13 sign.

14 MR. JARGOWSKY: I don't think
15 it's going to be easy, because you have people
16 coming and going, and you have contractors -- but
17 if you can get --

18 MR. GOEPFERT: The other --
19 the institutional control that's actually there
20 now, Lester, is that is in a secure area.

21 MR. JARGOWSKY: Oh.

22 MR. GOEPFERT: That area is
23 not open during the day.

24 MR. JARGOWSKY: Okay.

25 MR. GOEPFERT: For people to

1 just have clear access to, those gates were open
2 to us this evening for us to take the tour.

3 MR. HERMANNI: I think he's
4 talking about Four Wheel Drive's up that hill and
5 dirt bikes.

6 MR. JARGOWSKY: And ripping
7 it all up.

8 MR. HERMANNI: That type of
9 thing, and unless there's a barrier of some type,
10 that control isn't there.

11 MR. JARGOWSKY: And simple,
12 something so simple, that you know, if someone
13 was out there and just happened to go astray for
14 a couple of minutes, it's going to be enough of a
15 barrier like -- for example, that drainage swell
16 (phonetic) that you have in front of there, I see
17 that as an institutional control; all right?

18 MR. KOLICIUS: That rings the
19 entire fill area.

20 MR. JARGOWSKY: Now that's a
21 control.

22 MR. HERMANNI: That's not
23 going to stop a Four Wheel Drive Vehicle.

24 MR. JARGOWSKY: Well, if
25 somebody wants to have some fun with that, yes.

1 at what other Navy facilities are doing in
2 similar sites as well, to see what -- if people
3 throughout the country have come up with ideas
4 maybe that we haven't thought of. There are many
5 other landfill sites on bases.

6 MR. TURNER: Part of the
7 design includes protection, soil protection. It
8 would take a backhoe, I don't think a Four Wheel
9 Drive would do it.

10 MR. HERMANNI: Maybe not
11 initially.

12 MR. JARGOWSKY: Yeah, but
13 over time, it will cut a rut in there.

14 MR. TURNER: We talked about
15 putting a fence around it in the design, but --

16 MR. JARGOWSKY: That's not
17 even where I'm going with it, because that would
18 cost a tremendous amount of money and it would
19 destroy the whole concept of the lay of the land
20 and everything.

21 COMMANDER HONEY: Well,
22 you've got the natural barriers there already.

23 MR. JARGOWSKY: You're right.

24 CAPTAIN COMMANDER HONEY: The trees
25 that surround it are a natural barrier, we're

1 ~~COMMANDER HONEY~~: Within that
2 particular area, there are controls just by
3 virtue of the nature of that area, but there are
4 other things we can do. You know, a positive
5 control is a fence around the access. You hate
6 to put a fence up in an area like that, but
7 that's a positive control.

8 MR. JARGOWSKY: And other
9 things we'll have to consider to include
10 something like we're talking about. And I'm not
11 talking about running up your budget, you know
12 what I'm saying, whatever that minimum is just to
13 keep somebody from punching a whole and
14 destroying a good project.

15 CAPTAIN COMMANDER HONEY: And we
16 certainly appreciate the intent of that, we need
17 to do something, because all this good work has
18 gone into it and it can be ruined very quickly,
19 just in an instance like you're talking about.

20 MR. KOLICIUS: The
21 installation and maintenance of these kind of
22 controls will be part of the operations and
23 maintenance plan that Foster Wheeler will be
24 preparing.

25 MR. GOEPFERT: And we'll look

1 talking if we're going to do a fence, we'll just
2 do in the access area where the work has been --
3 the access to the work has been going on.

4 MR. JARGOWSKY: Yeah, we need
5 to look at it. And there are some controls we
6 could put in place certainly.

7 MR. KOLICIUS: And again, I'm
8 not sure of the design, but Foster Wheeler may do
9 some final grading, taking out their access road,
10 I'm sure that's part of the plan, but I'm now
11 sure to what extent. But just by moving a few
12 hills around, people don't know that that
13 attractive nuisance is there.

14 MR. GOEPFERT: Okay.

15 MR. KINKADE: Also, methane
16 gas may be explosive, that would keep them out.

17 MR. GOEPFERT: We'll take
18 that as an action from this meeting, Lester, to
19 address institutional controls at these sites.
20 And at our next meeting we'll follow up with a
21 discussion of what we found out in that area.

22 MR. JARGOWSKY: Okay.

23 MR. GOEPFERT: Is there
24 anything else that you want to discuss about that
25 article.

1 MR. JARGOWSKY: Not really.
 2 MR. GOEPFERT: Given that
 3 this meeting actually qualifies for the public
 4 meeting for comments on the proposed plan for no
 5 further action at the eight sites that we had
 6 seen on our video, was there any specific
 7 comments on that report that anybody had read
 8 over that we can enter into the record from a
 9 regulatory -- DEP or --
 10 MR. MARCOLINA: We had
 11 already made our comments.
 12 MR. GOEPFERT: Okay.
 13 MR. MARCOLINA: We're set.
 14 MR. GOEPFERT: Are there any
 15 specific -- is the report okay or -- I don't
 16 recall seeing the comments.
 17 MR. MARCOLINA: We had just
 18 called for the deed restriction language to be
 19 incorporated, and originally, we had said the
 20 original submittal was a little bit too thick
 21 with -- there was a lot of the remedial
 22 investigation information --
 23 MR. GOEPFERT: Detail.
 24 MR. MARCOLINA: And too much
 25 -- the level of detail was a bit too high. We

1 MR. GOEPFERT: The way the
 2 Navy does it basically, is that if we were ever
 3 slated to transfer property, there would be an
 4 assessment done before a property transfer took
 5 place.
 6 MR. MARCOLINA: Okay.
 7 MR. GOEPFERT: And if it was
 8 that segment of property where the site was
 9 located, then that would have to be identified in
 10 the transfer documentation.
 11 MR. MARCOLINA: Okay.
 12 MR. GOEPFERT: But we don't
 13 -- the Navy policy has been that we don't go for
 14 deed restrictions per se, so just to clarify it
 15 from that standpoint.
 16 MR. KINKADE: In the private
 17 sector, the DER is really a notification that's
 18 filed with the deed, it's formally filed and
 19 basically it says that if you open up that
 20 particular site again, you must notify the
 21 department and the local health official, and
 22 that's all it says really.
 23 MR. KOLICIUS: And what we've
 24 proposed at this point is identifying these areas
 25 in the station master plan. The restrictions

1 thought it needed to be a little -- just
 2 broadened.
 3 MR. GOEPFERT: And when you
 4 were talking about deed restriction, are you
 5 talking about any specific site? Because that's
 6 not normally what the Navy does.
 7 MR. MARCOLINA: Well, we
 8 understand in speaking with John, there isn't a
 9 deed per se, on pieces of property, but at least
 10 something in the record of that property, saying
 11 that it's been contaminated with "x", or there is
 12 a landfill there and this is the nature and
 13 extent of --
 14 MR. JARGOWSKY: Institutional
 15 control.
 16 MR. MARCOLINA: Institutional
 17 control.
 18 MR. JARGOWSKY: That's
 19 exactly what it comes back to.
 20 MR. MARCOLINA: It's an
 21 administrative one, it isn't an actual -- right.
 22 MR. GOEPFERT: Okay. So it's
 23 not an actual deed restriction per se; okay?
 24 MR. MARCOLINA: Right,
 25 because it's not a deed.

1 really apply to residential direct contact. None
 2 of these areas are residential areas, and there
 3 would have to be major changes to them to become
 4 residential areas, so we can put language in the
 5 file record for that.
 6 MR. KINKADE: Okay.
 7 MR. GOEPFERT: John, did the
 8 EPA have any specific comments on this plan?
 9 MR. KOLICIUS: The only --
 10 well, as Bob had said, the original graph that
 11 came out of the plan, they felt was much too in
 12 depth for the level of a no action proposed plan,
 13 and they want to summarize much more -- Sharon
 14 Jaffis actually worked very closely with us in a
 15 lot of the summarizing that was done, and she had
 16 a lot of input in the draft.
 17 The new project manager did ask me
 18 to note for the record that EPA has not formally
 19 approved this proposed plan yet, meaning that we
 20 don't have a letter from the regional
 21 administrator saying they concur with this plan,
 22 but I have been assured that this letter will be
 23 coming, because they did work with us in
 24 preparing the plan.
 25 MR. GOEPFERT: Okay. If

1 anybody wants to take a closer look at the plan,
2 it's in the library. We have an open comment
3 period through the 12th of June, if you would
4 like to make any written comments on the plan,
5 please feel free to do so, and then send them
6 into myself or John.

7 Okay. The next item, the last item
8 we have on the agenda is just for Mr. Kolicius to
9 give a brief overview of our program plan for the
10 remainder of this year and next year.

11 (Whereupon there is a slide presentation by
12 Mr. Kolicius.)

13 MR. KOLICIUS: If anybody
14 would like copies of my slides from both of the
15 presentations, I have them on the table here.
16 Are there any other questions?

17 MR. GOEPFERT: Thanks, John.
18 What we'll do is as August makes its way on our
19 calendar, that's usually the time when funding
20 shows up on the screen, and we could evaluate the
21 fiscal year end availability of funding, and then
22 we can look at our existing projects that are
23 ready to go and move along with maybe some of the
24 things that we didn't originally think we were
25 going to get to this year. So usually it's

1 pretty promising when you're ready to knock on
2 the door around the 15th of August, and we
3 usually get a few projects out of that part of
4 the fiscal year.

5 *KOLICIUS*
6 MR. JARGOWSKY: Just as an
7 example, the Site 5 landfill job wasn't budgeted
8 until fiscal year '99, but because I was ready to
9 get started at the end of fiscal year '97, in
10 September, we had another job at one of our other
11 bases that wasn't going to be ready, we were able
12 to award it and get the work started.

13 So the whole project there will be
14 done a year ahead of schedule. The lead soil
15 removal was another issue where I didn't have the
16 money in my budget, but I went for it at the
17 right time at the end of the second quarter, and
18 got it. So a lot of these unfunded actions, the
19 idea is have things ready, and we're going to try
20 to take as much as we can for Earle. But as
21 Lester said, we want to make sure they're
22 legitimate projects and we're not doing things
23 that don't need to be done.

24 MR. JARGOWSKY: Without
25 cutting corners.

MR. GOEPFERT: Are there any

1 other comments? May I have a motion to adjourn?

2 MS. SCIASCIA: So moved.

3 MR. GOEPFERT: All in favor
4 to adjourn.

5 (Whereupon the members signify by saying
6 aye.)

7 MR. GOEPFERT: Then our next
8 meeting will be scheduled for September 10th,
9 which is the Thursday after Labor Day, and the
10 Captain has asked that we give another
11 pre-meeting tour to be determined. And one of
12 the highlights of that meeting will be the *graph*
13 proposed plan for Sites 3, 10 and 13. *DAAFI*

14 (3) being the landfill at the *SM*
15 southwest corner of the base, (10) being a site
16 next to the old rotary kiln furnace that has now
17 been closed for several years -- 3 1/2 years in
18 fact, and Site 13, is an old landfill adjacent to
19 the property disposal yard. So we'll take a very
20 close look at that in lieu of Mr. Jargowsky's
21 comments earlier on. And we'll be able to
22 discuss them on September 10th, so we'll see
23 everyone in September.

24 (Whereupon the hearing is adjourned.)

25

1 CERTIFICATE

2
3 I, CORINNA TRUMPER, a Certified Shorthand
4 Reporter and Notary Public of the State of New
5 Jersey, certify that the foregoing is a true and
6 accurate Computerized Transcript of the
7 proceedings as taken before me stenographically
8 on the date hereinbefore mentioned.
9

10 CORINNA TRUMPER
11 CERTIFIED SHORTHAND REPORTER

12 Dated: May 18, 1998
13 My Commission Expires
14 on 8-9-98.
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Technical Assistance for Public Participation (TAPP) in DoDs Environmental Restoration Program

Overview of the TAPP Program

Environmental Security—Defending our Future



TAPP - What is it?

From National Defense Authorization Act of 1996:

- Technical Assistance for Public Participation is a program that can provide independent assistance in interpreting scientific and engineering issues with regard to the nature of environmental hazards and restoration activities at an installation.
- The goal of the program is to enhance the public's ability to participate in the decision-making process by improving their understanding of overall conditions and activities

Environmental Security—Defending our Future



Criteria to Justify if a TAPP Project is Required

Criteria Language contained in NDAA-96:

- (1) The RAB must demonstrate that the Federal, State, and local agencies responsible for overseeing environmental restoration at the installation do not have the technical expertise necessary for achieving the objective for which the technical assistance is to be obtained;
OR
- (2) The technical assistance:
 - (a) Is likely to contribute to the efficiency, effectiveness, or timeliness of environmental restoration activities at the installation;
and
 - (b) Is likely to contribute to community acceptance of environmental restoration activities at the installation.

Environmental Security—Defending our Future



TAPP - How is the Assistance Provided?

- The DoD will provide the technical assistance by:
 - Procuring a Technical Assistance Contractor
 - Will utilize community member input in selection
 - Uses existing environmental restoration funds
 - Limits on dollar value of TAPP contracts (allows the use of simpler acquisition procedures)
 - \$25,000 or 1% of Cost to Complete annual limit (whichever is less)
 - \$100,000 lifetime limit

Environmental Security—Defending our Future



Eligible Projects

- Interpretation of technical documents
- Review of proposed restoration technologies
- Participate in relative risk site evaluations
- Understand health and environmental implications of sites and cleanup strategies
- Training, as appropriate

Environmental Security—Defending our Future



Ineligible Projects

- Political activities and lobbying
- Litigation or underwriting legal actions
- The generation of new primary data
- Reopening final DoD decisions or conducting disputes with DoD
- Epidemiological or health studies
- Community outreach

Environmental Security—Defending our Future

*NWS EARLE I.R. PROGRAM
1998 PLANNED ACTIONS*

- Completion of Site 4 and 5 landfill caps
- Lead soil removal at former skeet range
- Paving and revegetation of Site 19
- NFA Record of Decision for OU-4 (Sites 14, 20, 22, 23, 24, 25, 27 and 29)
- Completion of Feasibility Studies and Proposed Plans for OU-5 (Sites 3 & 10) and OU-6 (Site 13)

14 May 1998

*NWS EARLE I.R. PROGRAM
1998 UNFUNDED ACTIONS*

- Site 26 Design/Pilot Study
- Preliminary Assessment of newly identified battery disposal area
- Site 12 Removal Action
- Possible removal at former pesticide shop
- OU-5 Remedial Design

14 May 1998

*NWS EARLE I.R. PROGRAM
1999 PLANNED ACTIONS*

- Remedial Design at Site 13
- Site 26 Remedial Action
- OU-5 Remedial Action
- Interim Action (Bank Stabilization) at Sites 6 and 17
- FS/PRAP/ROD at Sites 1,7,9 and 12
- Site Investigation at battery disposal area

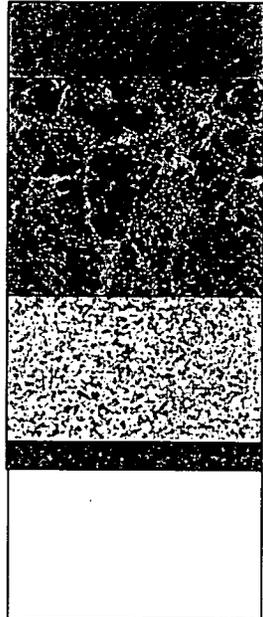
14 May 1998

*NWS EARLE I.R. PROGRAM
DEFERRED BEYOND FY99*

- Site 2 - Active Ordnance Disposal Area
- Site 21 - RCRA Storage Pad - Will be closed upon completion of new facility
- Sites 6, 15, and 17 - Waterfront Sites
Relatively low risk ranking
- Sites 11, L, and Q - Mainside Sites
Relatively low risk ranking

14 May 1998

Landfill Cap Quantities



{ 6" Topsoil
 or
 { 18" Select Fill
 or
 { 12" Drainage Layer
 or
 { 40 Mil (.040") Membrane Liner
 or
 { 12" Gas Management Layer
 or
TOTAL FILL MATERIAL

		Site 4		Site 5	
		Total	To Date	Total	To Date
2,500	Tons	-	Tons	8,400	Tons
104	Trucks	-	Trucks	350	Trucks
14,300	Tons	6,000	Tons	38,700	Tons
596	Trucks	250	Trucks	1,613	Trucks
10,300	Tons	10,300	Tons	27,800	Tons
429	Trucks	429	Trucks	1,158	Trucks
127,600	SF	127,600	SF	344,700	SF
10,100	Tons	10,100	Tons	27,300	Tons
421	Trucks	421	Trucks	1,138	Trucks
37,200	Tons	26,400	Tons	102,200	Tons
1,550	Trucks	1,100	Trucks	4,258	Trucks