



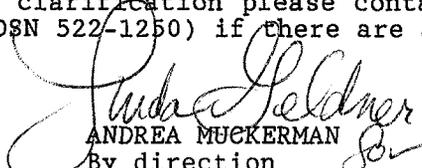
DEPARTMENT OF THE NAVY  
SOUTHWEST DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
ENVIRONMENTAL DIVISION  
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REC 9/3  
N68311.000078  
NAVSTA LONG BEACH  
SSIC #5090.3

5090  
Ser 1823.AM/ 2110  
28 Aug 92

From: Commanding Officer, Southwest Division, Naval Facilities Engineering  
Command  
To: Commanding Officer, Naval Station Long Beach (N4)  
Subj: FOLLOW-UP TO TECHNICAL REVIEW COMMITTEE MEETING OF 30 JUL 92  
Ref: (a) Technical Review Committee Meeting of 30 Jul 92 for Long Beach  
Naval Shipyard and Naval Station Long Beach  
Encl: (1) Meeting Minutes for Reference (a)  
(2) Department of Toxic Substance Control ltr of 14 Aug 92  
(3) Department of Fish and Game ltr of 27 Jul 92  
(4) Preliminary Comments from Port of Long Beach of 29 Jul 92

1. This letter is in response to the Technical Review Committee (TRC) meeting held per reference (a). The minutes of this meeting are contained in enclosure (1).
2. Enclosure (2) are comments by the Department of Toxic Substance Control Public (DTSC) Participation group about the TRC and recommendations for future TRC meetings. Their recommendations should be considered when planning for the next TRC.
3. Enclosures (3) and (4) are included for your information, and are the only comments received to date on the Site Inspection and RCRA Facility Investigation reports. No comments have been received from DTSC or the Regional Water Quality Control Board to date.
4. The TRC meeting minutes should be sent to all attendees as soon as possible, with a cover letter from both LBNSY and NAVSTA, LB on double letterhead.
5. For further information or clarification please contact Andrea Muckerman, Code 1823.AM, (619) 532-1250 (DSN 522-1250) if there are any questions.

  
ANDREA MUCKERMAN  
By direction

ENCLOSURE 1  
TECHNICAL REVIEW COMMITTEE  
MEETING MINUTES FOR 30 JUL 92

DATED 04 SEPTEMBER 1992

IS ENTERED IN THE DATABASE AND FILED AT  
ADMINISTRATIVE RECORD NO. N68311.000075

**DEPARTMENT OF TOXIC SUBSTANCES CONTROL**

Region 4

West Broadway, Suite 350

Long Beach, CA 90802-4444

(310) 590-4868



August 14, 1992

Ms. Andrea Muckerman (Code 1823.AM)  
Southwest Division, NAVFACENCOM  
1220 Pacific Highway  
San Diego, California 92132

Dear Andrea:

**LONG BEACH NAVAL SHIPYARD/NAVAL STATION LONG BEACH TRC FOLLOW-UP**

This is to follow up on the July Technical Review Committee (TRC) Meeting for Long Beach Naval Shipyard/Naval Station Long Beach. The TRC seems to be off to a good start. In general, I feel that everything went well. The meeting was well attended, the facilities were comfortable, the presentations informative and provided the appropriate level of detail and the handouts were helpful and clear. I look forward to building on this good start to create a productive forum for local input into our site investigation and remediation process at the bases.

I wanted to take this opportunity to share some suggestions which I hope you will consider for future TRC meetings. As we discussed during the meeting, questions and answers should be allowed between each presentation because of the detailed, technical nature of the material being presented. It can be very frustrating to want clarification on a point made and have to hold the question for an hour or two. This also allows for interjection of other relevant information by TRC members during the course of the presentations. It has been my experience that this type of meeting structure will encourage discussion and input at the relevant moment and will result in a mutually-beneficial exchange of information. Of course, it is not my intent that the meeting become bogged down at any one point by this format. Questions should be limited to 10 minutes or so after each presentation and be focused on that topic. Questions about an issue which will be covered later during the meeting should be deferred until the appropriate time on the agenda. Extended discussion on the preceding segment should be postponed until after the other presentations are completed unless the discussion is felt to be more important than the remaining agenda items. The meeting facilitator should use their discretion in managing the discussion portions of the meeting.

One other way to keep the question and answer sessions from becoming bogged down is to hold remedial project manager meetings prior to the TRC. This has proven very effective at other bases.

Encl 2



Ms. Andrea Muckerman

August 14, 1992

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Whenever presenting complex information, it is important to step back and present the big picture before plunging into the details. This is something we commonly forget to do when closely involved with an issue. At the next TRC meeting I think it would be very helpful to explain the overall site investigation and cleanup process including risk assessment, public participation, operable units, interim remedial actions, funding and other aspects which the TRC will be exposed to during the course of the project. An overview of the roles of Southwest Div, regulatory agencies, contractors, etc could also be provided. This information will provide the group with the context necessary to understand the reasons for the technical information being presented and project objectives. In addition, you may want to consider showing slides of the sites or offering a site tour at the meeting.

As for the timing of the meetings, we have found that it is best to schedule them quarterly to ensure they are held on a regular basis. There is usually plenty to cover. On the few occasions when there is nothing new, then it may be appropriate to cancel. However, with all the general information we need to share with the TRC I think there is a real need to hold a meeting this fall. In fact, I think we would be hard-pressed to cover the process, schedule and other intricacies of the project along with a major workplan in January.

Finally, could you please send us a copy of the meeting sign-in sheet so that we can provide the meeting participants with our comments on the documents under review. Also, you may want to call some of the local organizations that did not respond to the TRC invitation to make sure that they are not interested in participating before dropping their names from the TRC mailing list. (Their names should be added to the general project mailing list so that they, at least, receive basic project updates.)

Once again, thanks for getting the committee off to a great start. Please give me a call (310)590-4991 if you would like to discuss any of my comments in greater detail.

Sincerely,



Kristin S. Andersen  
Public Participation Specialist

cc: See next page

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August 14, 1992

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Mr. Joe Zarnoch

Remedial Project Manager

Mr. Mark R. Pumford

Regional Water Quality Control Board

101 Centre Plaza Drive

Monterey Park, California 91754

Mr. Mark R. Pumford

Regional Water Quality Control Board

101 Centre Plaza Drive

Monterey Park, California 91754

## DEPARTMENT OF FISH AND GAME

116 NINTH STREET  
P. BOX 944209  
SACRAMENTO, CA 94244-2090  
(916) 653-4875



July 27, 1992

Ms. Andrea Muckerman (Code 1823.AM)  
Southwest Division, NAVFACENGCOM  
1220 Pacific Highway  
San Diego, California 92132

Dear Ms. Muckerman:

Department of Fish and Game personnel have reviewed the Draft Site Inspection Reports for Naval Station Long Beach and the Long Beach Naval Shipyard. The documents provide the results of soil, groundwater, and sediment sampling at thirteen potentially contaminated sites to verify the presence of hazardous substances contamination at each site, assess if contamination at each site exists and evaluate potential contaminant migration pathways and potential targets.

The documents provide an analysis of sample data which identified nine sites as having a release of hazardous substances which confirms suspected contamination based upon reported disposal activities. Evidence of an observed release was not established at two of the sites, however, additional investigation of these site is recommended to confirm the initial results. The remaining two sites evaluations established a release of hazardous substances; however, in one case, the substance cannot conclusively be attributed to the site while a release associated with only one of two disposal activities could be identified.

The analysis of sampling data and the characterization of each site with respect to an observed release of hazardous substances appears to be adequate and should provide a basis for additional investigations as recommended in the Draft Site Inspection Report documents. The delineation of contaminated areas and development of a restoration program to isolate and remove identified contaminants, especially from marine sediments and areas which could contribute to the continued input of hazardous substances to marine waters and sediments would benefit existing marine resources and habitats as well as improve terrestrial sites for wildlife. In this regard, we support a continued effort to restore contaminated sites within the Long Beach Naval Station and Long Beach Naval Shipyard.

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July 27, 1992  
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Should you have any questions, please contact Mr. Richard Nitsos, Environmental Specialist III, Environmental Services Division, Department of Fish and Game, 330 Golden Shore, Suite 50, Long Beach, California 90802, telephone (310) 590-5174.

Sincerely,



John L. Turner, Acting Chief  
Environmental Services Division

cc: Mr. Richard Nitsos, ESD-Long Beach

Received 30 July 92  
ATRC

NAVAL STATION LONG BEACH

Installation Restoration Program - Draft Site Inspection Report (Vol. 1)

Port of Long Beach Preliminary Comments

July 29, 1992

The Port of Long Beach has relatively few comments on the site inspection study, which appears in general to have been carefully designed and conducted. We offer several specific comments for the study team to consider in the preparation of the final document, and some thoughts on the overall focus of the restoration program as a whole.

The selection of sites for the characterization of "background" chemical concentrations at the NC Long Beach is inadequately justified in the document. No doubt the sites were designated in the work plan according to prior knowledge of the area. Given the widespread contamination that exists on the Naval Station, however, the average reader needs more assurance that the "background" samples do not, in fact, represent contaminated conditions.

The draft document's treatment of groundwater in the study area is incomplete in two respects. First, the groundwater underlying the harbor area, inland beyond Anaheim Street, is not potable. The document implies this by referring in one place to saline intrusion and in others to the lack of "beneficial uses" of groundwater. However, explicit statements of non-potability are necessary in sections 3 and 6 to ensure that readers not familiar with the area do not infer a potential beneficial use where none exists.

Second, the report does not describe the Dominguez Gap Barrier water injection project and its dominating effect on groundwater movement at least as far down as the Gaspur zone. Any discussion of transport and fate of contaminants via groundwater must take this factor into account. In our view, the possibility that shallow groundwater contamination within the harbor area could affect drinking water supplies is extremely remote as long as the Dominguez Gap project is in operation. Thus, the mere mention of drinking water supplies in connection with near-surface contamination on the NC Long Beach, especially at Sites 1-4, may be inappropriate.

The tables of results presented in section 6 are difficult to use for the reader not trained in interpreting chemical analytical results. Specifically, the presence of numerous values modified by three similar annotations (U, J, B) makes it virtually impossible to determine the significance of the results. Most of the values, including many that appear large, are actually equivalent to "undetected" or "trace - unquantifiable". The correct presentation of analytical data is an admittedly difficult problem, but in the case of tables meant for broad review and decision-making, such as the ones in section 6, some simplification in the interests of clarity is advisable.

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POLB Review of Draft SIP  
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The summary table (Table 6-9) is flawed by the difficulty of determining what the "screening value" means and how it is used -- a large footnote on each page of the table would help.

Finally, we suggest that future phases of this investigation incorporate realistic appraisals of the potential risks posed by the observed levels and sites of contamination, and allocate resources accordingly. For example, devoting additional resources to more investigations of groundwater movements at the sites along the Navy Mole (1-4), as recommended by the document, does not appear justified because the only credible exposure pathways at those sites are through soil and surface waters. If it is necessary to confirm the groundwater gradient, it is likely that a one-site study will serve for all four sites. The document recommends more chemical sampling at Site 4 despite the apparently minimal contamination and its isolation from humans and sensitive environments. Is this really justified?

The investigations will be long and costly. Since resources will not be unlimited, it would be prudent to give the investigation a practical focus. The project manager and the Technical Review Committee should consider limiting needless investigations to the maximum extent that is prudent and permissible.