



California Regional Water Quality Control Board

Los Angeles Region

N60258.000064
NSY LONG BEACH
SSIC NO. 5090.3



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Governor

Winston H. Hickox
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November 8, 1999

Commander
Southwest Division, Naval Facilities Engineering Command
Code 05BN.DR (Mr. Duane Rollefson)
1220 Pacific Highway
San Diego, CA 92132-5190

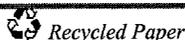
DRAFT PRELIMINARY ASSESSMENT/SAMPLING REPORT, 171 GROUP B AREAS OF CONCERN, FORMER LONG BEACH NAVAL SHIPYARD, LONG BEACH, CALIFORNIA (FILE No. 90-75)

Dear Mr. Rollefson:

We have received and reviewed the Navy's *Draft Preliminary Assessment/Sampling Report, 171 Group B Areas of Concern, Long Beach Naval Shipyard, Long Beach, California*, dated July 26, 1999. Our comments are as follows;

1. Please update the report, text and tables, to reflect the no further action (NFA) status of the Transportation Yard Associated with Building 54 (AOC MISC 8). NFA was issued for this site in October 1999.
2. Please update Figure ES-1, Figure 2-1 and Figure 5-1 to reflect the NFA status of the 2 AOC sites described in the Draft Addendum report dated August 19, 1999.
3. Figure ES-1 and Figure 5-1 appear to be the same figure, however, Figure ES-1 indicates that no further action is recommended at 126 sites and Figure 5-1 indicates that no further action is recommended at 125 sites. Please verify which figure provides the correct information and update the final report accordingly.
4. On Pages 2-3 and 2-6, the report indicates that shallow groundwater underlying the LBNSY is no longer designated by the Los Angeles (LA) Regional Water Quality Control Board (RWQCB) as a potable water source. Please revise this statement to reflect the following: the Navy has proposed and the RWQCB has agreed, that because the groundwater at the Long Beach Naval Complex meets one of the exceptions in State of California Water Resources Control Board Resolution 88-63, it is not potentially suitable as a source of drinking water and it is unnecessary to remediate the groundwater to protect the beneficial use of municipal or domestic supply. Therefore the RWQCB has determined that the California Ocean Plan is the more appropriate groundwater screening criteria for this site.
5. Figure 4.26-1, the map of the entire sanitary sewer system, is missing from Section 4.26 in the draft document. Please update the final report accordingly.

California Environmental Protection Agency



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6. AOC SSS 4 is located on Figure 1-3, Grid No. C-33 not F-31 as indicated on Table 4.28-1, in Section 4.28.1 of the report. Please update the table to reflect the correct location of this AOC.
7. Section 4.39; the lead concentration detected in the soil sample collected near IR site 11 was above the screening criteria and does not appear to be related to the former and current oil production activities but rather the IR Site 11 activities. The lead contaminated soil needs to be addressed, either under the IR Program or separately. Please revise the recommendations in this section accordingly.
8. AOC IWS 4 is located on Figure 1-3, Grid No. F-34 not E-34 as indicated on Table 4.49-1, in Section 4.49.1 of the report. Please update the table to reflect the correct location of this AOC.
9. An NFA letter was issued for USTs 129.8 and 129.9 on October 7, 1999. Please update Section 4.58 of the document, including the text and tables in this section to reflect this NFA status.
10. Section 4.58.2, indicates that UST 129.5 is schedule for removal in Summer 1999. Please clarify if this UST has been issued a closure letter or if it will be completed under the compliance program. Revise the recommendations in Section 4.58.9 to reflect the status of the UST removal.
11. Section 4.188; arsenic was detected at more than twice the Ocean Plan screening criteria in the groundwater sample collected near the floor drain at Building P-11 (AOC ADD 6). AOC ADD 6 is located approximately 500 feet from the Harbor. Based on the location of this site and since only one sample was collected in this area, the extent of this arsenic contamination in the groundwater needs to be defined. Additional groundwater samples need to be collected in order to verify if an arsenic contamination plume exist in this area. Please revise the recommendation and other sections in the document to reflect further action for this AOC.
12. Figure 4.188-4, the map of the sampling location and results, is missing from Section 4.188 in the draft document. Please include this figure in the final report.
13. Section 4.189; arsenic was detected at almost triple the Ocean Plan screening criteria in the groundwater sample collected near the sump at Warehouse A (AOC ADD 7). AOC ADD 7 is located approximately 100 feet from the Harbor. Based on the location of this site and since only one sample was collected in this area, the extent of this arsenic contamination in the groundwater needs to be defined. Additional groundwater samples need to be collected in order to verify if an arsenic contamination plume exist in this area. Please revise the recommendation and other sections in the document to reflect further action for this AOC.
14. Section 4.194; mercury was detected in all three groundwater samples collected at the Mercury Gage Repair Area, Building 197 (AOC ADD 12), at 3 to 4 times the Ocean Plan screening criteria. Since all the groundwater samples collected in this area contained elevated levels of mercury, the extent of the mercury contamination in the groundwater needs to be defined. Therefore, additional groundwater samples need to be collected in order to delineate the mercury plume or to determine whether these levels of mercury are the background levels in this area. Please revise the recommendation and other sections in the document to reflect further action for this AOC.

Mr. Rollefson

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November 8, 1999

If you have any questions regarding the above, please contact me at (213) 576-6738.

Sincerely,



ANA TOWNSEND
Sanitary Engineer Associate
Site Cleanup Unit

cc: Martin Hausladen, Environmental Protection Agency
Jennifer Rich, Department of Toxic Substances Control
Thomas Macchiarella, Southwest Division, Naval Facilities Engineering Command

California Environmental Protection Agency

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