



Department of TOXIC Substances Control

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HUNTERS POINT
SSIC NO. 5090.3



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DRAFT MEMORANDUM

TO: Chein Kao
Senior Hazardous Substances Engineer
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FROM: Michael Kenning, RG
Hazardous Substances Engineering Geologist
Geologic Services Unit

REVIEWED BY: Mark Vest, CEG
Senior Hazardous Substances Engineering Geologist
Geologic Services Unit

DATE: August 1, 2000

SUBJECT: Review of Draft Third Quarterly Groundwater Sampling Report for Parcel B, Hunters Point Shipyard.

ACTIVITY REQUESTED

At your request Geologic Services Unit (GSU) has reviewed the Draft Third Quarterly Groundwater Sampling Report for Parcel B, Hunters Point Shipyard. The date of the report was July 14, 2000 and was prepared by Tetra Tech EM Incorporated for the Department of the Navy.

GENERAL COMMENTS

The report summarizes sampling activities for the third quarter, which were conducted from April 24 to May 2, 2000. Groundwater elevations were measured on April 24.

The trigger level was exceeded for silver in well IR07-MWS2, and for thallium in wells IR07-MW19A and IR07-MW26A. However, the results were qualified due to laboratory blank contamination. The results of several other monitoring wells for several metals had to be qualified due to the blank contamination and matrix spike accuracy problems. Trigger levels exceeded during the second quarter sampling were manganese, nickel

and thallium in well IR26-MW41A, and chromium in well IR07-MWS4. The trigger levels for these wells were not exceeded for those metals in the third quarter.

Trigger levels were not exceeded for the chlorinated VOC contamination in IR-10 area although not all the results from the wells have been tabulated in Appendix A (see below).

GSU recommends that the temperature or at least a description of the presence of ice be noted on the chain of custody for samples received by Severn Trent in Vermont, as Curtis & Tompkins does for the hexavalent chrome samples received at their Berkeley laboratory. According to the report, Severn Trent measured the temperature as samples from five wells (subsequently resampled) arrived at their laboratory higher than 4⁰ C.

SPECIFIC COMMENTS

Analytical results from the following wells are missing from Appendix A, "Summary of Analytical Results with Trigger Levels": IR06-MW45A, IR07-MW23A, IR07-MW27A, IR10-MW28A, IR25-MW17A, IR61MW05A, and UTO3-MW11A. These wells should be included in the final report.

Please note the location of the utility line monitoring well on the monitoring well map.

If you have any questions, call me at (916) 255-3625.