

## TECHNICAL MEMORANDUM

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**To:** David Gibson, San Diego Regional Water Quality Control Board      **Date:** January 17, 2014

**From:** Chris Osuch, Adam Gale, and Elizabeth Appy, Anchor QEA      **Project:** 131003-01.02

**Cc:** Michael Chee, National Steel and Shipbuilding Company  
Michael Palmer, de maximis, inc.  
David Templeton and Michael Whelan, Anchor QEA  
Robert Smith, U.S. Army Corps of Engineers

**Re:** San Diego Shipyard Sediment Site – South Shipyard (Place ID 794466, Order No. R9-2013-0093) Weekly Water Column Monitoring Report: January 6 to 11, 2014

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### INTRODUCTION

The San Diego Bay Environmental Restoration Fund – South (South Trust) is remediating contaminated sediments at the South Shipyard portion of the San Diego Shipyard Sediment Site (Site). Remediation is required to comply with Cleanup and Abatement Order (CAO) No. R9-2012-0024 issued by the San Diego Regional Water Quality Control Board (Water Board 2012a). Water column monitoring must be conducted during dredging operations in order to comply with the Waste Discharge Requirements and Section 401 Water Quality Certification (WDR/WQC; Water Board 2013). Anchor QEA was contracted by the South Trust to conduct this water column monitoring.

Weekly monitoring reports are required in accordance with Mitigation Measure (MM) 4.2.4 of the Mitigation Monitoring and Reporting Program (MMRP; Water Board 2012b) and Appendix C of the Remedial Action Plan (Anchor QEA 2012). This technical memorandum summarizes results of water column monitoring between January 6 and 11, 2014. Water quality monitoring was scheduled for January 9; however, dredging operations were suspended on January 8 through the end of the reporting period due to a contractor scheduling conflict involving a short-notice request to perform support work at a different location unrelated to this work. Monitoring for dissolved oxygen, pH, and turbidity was not conducted; however, visual observations were performed each day of dredging operations.

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## **WATER QUALITY MONITORING RESULTS**

No visual evidence of discoloration, turbidity, or surface pollution was observed. The double silt curtain was in place, and no damage, dislocation, or gaps were observed during the monitoring.

## **REFERENCES**

Anchor QEA, 2012. *Remedial Action Plan*. San Diego Shipyard Sediment Site. Revised October 2012.

Water Board (San Diego Regional Water Quality Control Board), 2012a. Cleanup and Abatement Order R9-2012-0024 for the Shipyard Sediment Site. Issued March 14, 2012.

Water Board, 2012b. Mitigation Monitoring and Reporting Program for the Shipyard Sediment Remediation Project Environmental Impact Report (SCH#2009111098). Issued on March 14, 2012.

Water Board, 2013. Waste Discharge Requirements for San Diego Shipyard Sediment Remediation Project, San Diego Bay, San Diego, California. Order No. R9-2013-0093. Issued on July 10, 2013.

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