

# Technical Memorandum

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OHM Remediation  
 Services Corp.

**Date:** January 14, 1998 **Project No.** 20242  
**DCN** SW4747

**To:** Lynn Hornecker, 56MC.LH

**From:** Jay Neuhaus, PM Delivery Order 112

**Subject:** 398 Tank Site O&M Activity Plan

As part of Delivery Order (DO) 112 under the Remedial Action Contract (Number N68711-93-D-1459) with Southwest Division Naval Facilities Engineering Command, this memo provides the Optimization and Maintenance schedule and plan for the free-product recovery and soil vapor extraction (SVE) system at the 398 tank site. The procedures for the activities discussed in the table below will be in accordance with the *DO 006 Construction/Operations Plan, Free Product Removal at Tank 398 Site, OHM 1995* unless stated otherwise. The system was restarted in the fall of 1997 and is to run for 9 months of operation.

Activity	Frequency	Requirements
Daily maintenance	daily	Includes a Recovery Technician to collect data and check the operation for the free product recovery system and the SVE system. A Project Engineer check the overall system operation and generate a weekly CQC report.
Free product & groundwater measurements in wells with product	quarterly	Measurements of the following wells: MW398-01, MW398-02, MW398-03, MW398-06, MW398-10, MW398-11, MW398-18, MW398-19, MW 398-20, MW398-25, MW398-26, ASMW398-02, RW398-01, RW398-02.
Carbon change-out	one-time or as needed	For the GAC system, one carbon change-out is anticipated under DO 112 some time in the late summer of 1998.
Quarterly sampling of 6 wells	quarterly	The following wells will be sampled: MW-01, MW-04, MW-05, MW-06, MW-17, and ASMW-01

<i>Activity</i>	<i>Frequency</i>	<i>Description</i>
<b>Removal of product from 4000 gallon tank</b>	bimonthly basis or as needed	Product recycled by DRMO and water picked up by OHM skid-unit or vacuum truck.
<b>Pump realignment/system maintenance</b>	maximum frequency of biweekly or as needed	Realign pumps in RW-02, MW-19, and/or MW-10 to maintain product removal performance.
<b>Bailing of wells</b>	bimonthly	Bail wells MW-01, MW-03, MW-04, MW-25, MW-26, and RW-01.
<b>Downloading or checking data loggers</b>	weekly or biweekly	Datalogger in wells MW-21 and MW-12.
<b>Compressor maintenance, short-term and long-term</b>	monthly and every 3 months respectively	Change oil and filter. Long-term maintenance by subcontractor for 1 day. Oil to be disposed off-site at the end of the operation.
<b>SVE thermal unit maintenance</b>	monthly	System checks by SVE unit vendor as part of the subcontract.
<b>Sampling of soil vapors influent and effluent</b>	start-up, daily for 5 days, weekly for 4 weeks, and monthly	Initially and at end, sample each vapor well. Potentially, samples additional individual wells as needed.
<b>Disassembly of each free product and SVE system</b>	at the termination of operation (i.e. end of August 1998) or as appropriate	Subject to Navy direction as to degree of disassembly of PRS

cc

Scott Kehe, ROICC  
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Greg Early, OHM



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**OHM TRANSMITTAL/DELIVERABLE RECEIPT**

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Southwest Division  
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**Date:** 23-Jan-98

**D.O.:** 112

**Location:** MCAS EL TORO

**FROM:** \_\_\_\_\_  
Stewart Bornhoft, Program Manager

*Edwin Bond*  
\_\_\_\_\_  
Edwin G. Bond, Contracts Manager

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