



## Department of Toxic Substances Control



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September 23, 2003

Mr. Steve Lafflam, Division Director  
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### HAPPY VALLEY INTERIM MEASURES WORK PLAN ADDENDUM AND AMENDMENT – SANTA SUSANA FIELD LABORATORY EPA ID CAD 093365435

Dear Mr. Lafflam:

The Department of Toxic Substances Control (DTSC) has completed the review of the *Happy Valley Interim Measures Work Plan Addendum and Amendment, Happy Valley and Building 359 Areas of Concern, Santa Susana Field Laboratory*, dated August, 2003, referred to as the Workplan. DTSC approves this Workplan contingent upon the following seven conditions:

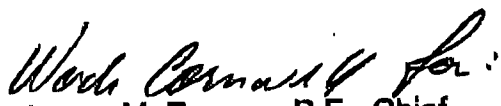
1. Boeing obtains the U. S. Army Corps of Engineers 404 Nationwide Permit required for work within the Happy Valley jurisdictional streambed.
2. Boeing obtains the Los Angeles Regional Water Quality Control Board (RWQCB) 401 Certification permit required for work within the Happy Valley drainage.
3. Boeing obtains the RWQCB Waste Discharge Requirements required for biotreatment of perchlorate contaminated soils.
4. Boeing obtains the California Department of Fish and Game 1603 Streambed Alteration permit required for work within the Happy Valley drainage.
5. Boeing must submit for DTSC and RWQCB approval a schedule and a more specific scope of work to address the ongoing status reporting and biotreatment data collection described in Section 4.2 of the Workplan Amendment.

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6. Boeing must submit a Six Month Report that will describe the status of the project. After six months of biotreatment, there should be significant reductions in perchlorate concentrations. If there are not significant reductions in perchlorate, Boeing shall make recommendations for improving the effectiveness of biotreatment or propose a plan for excavation and removal of perchlorate contaminated soils. If the biotreatment is successful in shallow soils, a plan to treat deeper soils in the Building 359 Area will be required. If groundwater is encountered above the bedrock aquifer, Boeing shall evaluate biotreatment of shallow groundwater.
7. Remediation must target all areas where surface soils in the biotreatment areas could impact surface water. Boeing shall submit for DTSC approval, revised maps that identify the extent of biotreatment, surface water diversions, and infiltration control.

If you have any questions with regard to this issue, please call Raymond Leclerc, P.E., at (916) 255-3582.

Sincerely,



James M. Pappas, P.E., Chief  
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