



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Agency Secretary

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Arnold Schwarzenegger  
Governor

October 28, 2009

Mr. Thomas D. Gallacher Director, SSFL – Environment, Health & Safety  
The Boeing Company  
Santa Susana Field Laboratory  
5800 Woolsey Canyon Road  
Canoga Park, CA 91304-1148

**APPROVAL OF PLAN TO REMOVE SEPTIC TANK NEAR FORMER BUILDING 1399  
SUBMITTED IN RESPONSE TO A CALIFORNIA WATER CODE SECTION 13304 ORDER –  
THE BOEING COMPANY, SANTA SUSANA FIELD LABORATORY, CANOGA PARK, CA  
(NPDES NO. CA0001309, CI NO. 6027, SCP NO. 1111, SITE ID NO. 2040109)**

Dear Mr. Gallacher:

Los Angeles Regional Water Quality Control Board (Regional Board) staff have reviewed the October 9, 2009, letter with the subject *Happy Valley South Underground Septic Tank Removal Plan, California Water Code Section 13304 Order (NPDES No. CA0001309, CI No. 6027, SCP No. 1111, Site ID No. 2040109) (Plan)* submitted in response to a California Water Code Section 13304 Order dated December 3, 2008. The Plan, prepared for you by MWH Americas, Inc., was received by the Regional Board on October 12, 2009.

The vertically oriented, cylindrical, steel septic tank is approximately 6 feet in diameter and approximately 6 feet deep. The capacity is approximately 1,300 gallons. The tank is believed to have served showers and rest rooms associated with a changing house at former Building 1399, and a recording and control center at former Building 1390. Discharge from the tank is believed to have flowed to a leach pit approximately 135 feet to the southeast of the tank. The leach pit was sampled and removed in a previous remedial action overseen by the Department of Toxic Substances Control.

In the plan, it is proposed that three soil samples will be collected. One sample will be from beneath the tank and two will be from opposite sides of the excavation walls. Planned soil sample analyses are:

- Polynuclear aromatic hydrocarbons (PAHs)
- Metals
- pH
- Perchlorate

Additional soil analytes will be added to correspond to any contaminants detected in the tank bottom sludge, if sludge is present. The sludge will be sampled and the analytical results evaluated prior to tank removal. In addition to the analytes noted above, the sludge will also be analyzed for:

- Volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Polychlorinated biphenyls (PCBs)
- Fluoride and Cyanide
- Energetics

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Mr. Thomas D. Gallacher  
The Boeing Company

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October 28, 2009

- Tritium, strontium 90, and gamma emitting radionuclides,

Tank removal will be permitted and overseen by the Ventura County Environmental Health Division, and the Building and Safety Department, in coordination with the Regional Board and the DTSC.

The Plan is approved with the conditions that dioxin analysis is added to the analytical suite and that bedrock from beneath the tank is sampled and analyzed if soil is not present beneath the tank.

**Please telephone Mr. Peter Raftery at (213) 576-6724 or email him at [praftery@waterboards.ca.gov](mailto:praftery@waterboards.ca.gov) if you have any questions.**

Sincerely,



Tracy J. Egoscue  
Executive Officer

cc list next page

cc: Honorable Alex Padilla, Senator 20th District  
Honorable Fran Pavley, Senator, 23rd District  
Honorable Tony Strickland, Senator 19th District  
Assemblymember Bob Blumenfield, Assemblymember 40th District Assembly  
Assemblymember Pedro Nava, Assemblymember 35th District  
Assemblymember Audra Strickland, Assemblymember 37th District  
Mr. Jarrod Degonia, c/o Assemblymember Cameron Smyth  
Ms. Rondi Guthrie, c/o Assemblywoman Audra Strickland  
Ms. Samantha Stevens, c/o Assemblymember Bob Blumenfield  
Mr. Aron Miller, c/o Senator Fran Pavley  
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Department of Interior, U.S. Fish and Wildlife Service  
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Los Angeles and San Gabriel Rivers Watershed Council  
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Los Angeles County, Department of Public Works, Environmental Programs Division  
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NOAA, National Marine Fisheries Service  
Simi Valley Library  
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U.S. Army Corps of Engineers  
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Ventura County Environmental Health Division  
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