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

California Regional Water Quality Control Board
Los Angeles Region

Linda S. Adams
Agency Secretary
320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.waterboards.ca.gov/losangeles

Arnold Schwarzenegger
Governor

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.
Mr. Thomas D. Gallacher  
The Boeing Company  

- 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 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  
Ms. Linda Parks, Ventura County Board of Supervisors  
Mr. Damon Wing, c/o Ms. Linda Parks, Ventura County Board of Supervisors  
Mr. Gerard Abrams, Department of Toxic Substances Control, Sacramento  
Mr. David Beckman, National Resources Defense Council  
Ms. Lori Blair, Boeing  
Mr. William Bowling  
Mr. Michael Bubman, c/o Bell Creek Homeowners Association  
Ms. Jeannie Chari  
Mr. Paul Costa, Boeing  
Mr. Craig Cooper, Environmental Protection Agency, Region 9  
Mr. Daniel Cooper, Lawyers for Clean Water  
Mr. David Cooper, Environmental Protection Agency, Region 9  
Ms. Elizabeth Crawford  
Ms. Nicole Doner, Ventura County Planning Division

cc list continues on next page

California Environmental Protection Agency

Our mission is to preserve and enhance the quality of California’s water resources for the benefit of present and future generations.
cc list continued

Ms. Ginn Doose
Mr. Allen Elliott, National Aeronautics and Space Administration
Mr. John Farrow, M. R. Wolfe & Associates, P.C.
Ms. Merrilee Fellows, National Aeronautics and Space Administration
Mr. Tom Ford, Santa Monica Bay Keeper
Dr. Mark Gold, Heal the Bay
Mr. A. J. Greenstein
Mr. Matt Hagemann, Soil/Water/Air Protection Enterprise
Ms. Carol Henderson, Office Manager, Bell Canyon Homeowners Association
Mr. Dan Hirsch, Committee to Bridge the Gap
Ms. Heather L. Hoecherl Esq., Director of Science and Policy, Heal the Bay
Mr. Philip Isorena, State Water Resources Control Board, Division of Water Quality
Ms. Kirsten James, MESM, Staff Scientist, Heal the Bay
Ms. Stephanie Jennings, United States Department of Energy
Ms. Barbara Johnson, Susana Knolis Homeowners, Inc.
Dr. Michael Josselyn, WRA, Inc.
Mr. Thomas Johnson, ETEC Project Manager, United States Department of Energy
Ms. Teresa Jordan
Mr. Thomas Kelly, Environmental Protection Agency, Region 9, (WTR-5)
Dr. Jae Kim, Tetra Tech
Mr. Buck King Department of Toxic Substances Control, Sacramento
Ms. Bonnie Klea
Mr. Wayne Lee
Mr. Michael Levy, State Water Resources Control Board, Office of Chief Counsel
Mr. Michael Lopez, U.S. Department of Energy, Oakland
Mr. John Luker
Ms. Carissa Marsh, The Simi Valley Acorn
Ms. Marie Mason
Mr. Daniel MacCabe, Brandeis-Bardin Institute
Mr. Nicole Moutoux, Environmental Protection Agency, Region 9
Mr. Jerry Murphy, c/o Bell Creek Homeowners Association
Mr. Jim Pappas, Department of Toxic Substances Control, Sacramento
Mr. William Paznokas, Department Of Fish and Game, Region 5
Mr. Sheldon Plotkin, Southern California Federation of Scientists'
Ms. Bunny Raskin
Mr. Norm Riley, Department of Toxic, Substances Control, Sacramento
Ms. Chris Rowe
Ms. Sharon Rubalcava, Weston, Benshoof, Rochefort, Rubalcava, MacCuish, LLP
Ms. Darlene Ruiz, Hunter Ruiz Research, Consulting and Advocacy
Mr. Adam Salkin
Mr. Mathew Sanders, Paul, Hastings, Janofsky & Walker LLP
Ms. Lorraine Scott

cc list continues on next page
cc list continued

Mr. Joseph Smith, Department of Toxic Substances Control, Office of Legal Counsel Sacramento
Dr. Michael Stenstrom, SSFL Stormwater Expert Panel
Ms. Rebecca Tadesse, Branch Chief of Materials Decommissioning, U.S. Nuclear Regulatory Commission
Ms. Stephanie Trotter, State Water Resources Control Board
Mr. Rick Verguitz, Water & Environmental Resources Section, Ventura County Watershed Protection District
Mr. Mati Waiya, Wishtoyo Foundation
Mr. Jack M. Wallace
Ms. Christina Walsh
Ms. Marge Weems
Ms. Darla Weiss, Ventura County Watershed Protection District
Ms. Mary Wiesbrock
Dr. Daniel Wiseman, West Hills Neighborhood Council-Santa Monica Mountains Area Committee
Mr. Anthony Zepeda
Mr. Cybil Zeppieri
Mr. Lori Zinkan
Ms. Elizabeth Zlotnik
California Coastal Commission, South Coast District
California State University, Northridge
City Manager, City of Simi Valley
City of Los Angeles, Bureau of Engineering, Wastewater Systems Engineering Division
Department of Health Services, Public Water Supply Branch
Department of Interior, U.S. Fish and Wildlife Service
Environmental Protection Agency, Region 9, Office of Radiation Programs
Environmental Protection Agency, Region 9, Permits Branch (WTR-5)
Friends of the Los Angeles River
Los Angeles and San Gabriel Rivers Watershed Council
Los Angeles County, Department of Health Services
Los Angeles County, Department of Public Works, Environmental Programs Division
Masry & Vititoe Law Offices
NOAA, National Marine Fisheries Service
Simi Valley Library
The Boeing Company Santa Susana Field Laboratory
U.S. Army Corps of Engineers
ULARA Watermaster
Ventura County Air Pollution Control District
Ventura County Environmental Health Division
Ventura County Public Works
Water Replenishment District of Southern California

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.