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# Department of Toxic Substances Control



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Agency Secretary  
Cal/EPA

5796 Corporate Avenue  
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Arnold Schw.  
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July 29, 2004

Gary Brennglass  
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## RESULTS FROM RECENT GROUNDWATER SAMPLING ACTIVITIES AT THE BRANDEIS-BARDIN INSTITUTE

Dear Mr. Brennglass:

The purpose of this letter is to provide you with the Department of Toxic Substances Control (DTSC's) results from the recent sampling activities that were conducted at the Brandeis-Bardin Institute.

As you are aware, perchlorate was detected in groundwater samples collected in May and June of 2003 from the well designated as OS-9, also known as "the bathtub well." Subsequent to these detections, DTSC directed The Boeing Company (Boeing) to investigate potential pathways from known release locations at the Santa Susana Field Laboratory (SSFL) to the Brandeis-Bardin Institute. As part of that investigation, Boeing drilled and constructed a new groundwater monitoring well near OS-9 that would allow for more detailed groundwater sampling. This well, designated as OS-9R, was drilled to a depth of 300-feet and allows for the sampling of fourteen (14) discrete groundwater zones. All work, including the drilling, construction, and sampling of OS-9R beginning in December 2003, was conducted under the direction and supervision DTSC staff.

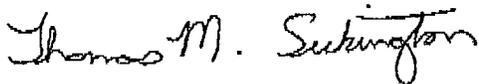
As part of the oversight, DTSC collected split groundwater samples from each port in June 2004 during the first groundwater sampling event conducted by Boeing. Split groundwater samples were analyzed by an independent laboratory for volatile organic compounds (VOCs) using EPA Testing Method 8260B and for perchlorate using EPA Testing Method 314.1. VOCs and perchlorate were not detected in the groundwater samples collected from each of the 14 groundwater zones.

It should be noted that these results are from the first sampling event of a program that will include numerous quarterly sampling events of OS-9R over the next few years. DTSC will continue to evaluate all existing and newly collected data to determine the potential, if any, for perchlorate migration from the SSFL facility.

Gary Blennglass  
July 29, 2004

If you have any questions, please contact me at (714) 484-5424.

Sincerely,



Thomas M. Seckington, R.G., C.HG.  
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Geology, Permitting, and Corrective Action Branch

cc. Mr. Steve Lafflam, Division Director  
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