

Los Angeles Regional Water Quality Control Board

November 12, 2019

Mr. Roger Paulson, PE, Chief
Santa Susana Field Laboratory Unit
Department of Toxic Substances Control
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Sacramento, CA 95826
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AUTHORIZATION TO REPLACE EXTRACTION FROM GROUNDWATER INTERIM MEASURES WELLS HAR-20 AND RD-49A WITH EXTRACTION FROM WELL ND-136 – SANTA SUSANA FIELD LABORATORY, THE BOEING COMPANY, 5800 WOOLSEY CANYON ROAD, CANOGA PARK, CALIFORNIA 91304 (ORDER NO. R4-2014-0187, SERIES NO. 095, FILE NO. 16-137, CI No. 10310, GLOBAL ID WDR100039573)

Dear Mr. Paulson:

On October 2, 2017, the Los Angeles Regional Water Quality Control Board (Regional Water Board) enrolled The Boeing Company (Discharger) under General Waste Discharge Requirements (WDR) Order No. R4-2014-0187 with a Monitoring and Reporting Program (MRP) No. CI-10310 for the injection of treated groundwater from multiple extraction wells into well WS-5 at the site referenced above (Site). The extraction and injection are components of the Groundwater Interim Measures (GWIM) approved by the Department of Toxic Substances Control (DTSC). DTSC is the lead agency overseeing environmental remediation activities at the Santa Susana Field Laboratory (SSFL). DTSC approved the GWIM on March 12, 2013. The Discharger treats groundwater extracted from multiple administrative areas at SSFL and injects it at well WS-5. The National Aeronautics and Space Administration (NASA) oversees certain administrative areas.

On October 17, 2019, DTSC submitted a letter to the Regional Water Board with the subject Groundwater Interim Measures Pumping at NASA'S Alfa Area, Santa Susana Field Laboratory, Ventura County, California (Letter). The Letter indicates that NASA proposes to pump from a new NASA well (ND-136) instead of wells currently planned for pumping (HAR-20 and RD-49A). The requested change is based on data obtained during environmental assessment work conducted since the original GWIM approval.

The new data indicate the chemicals of concern (COC) mass removal rate from pumping at ND-136 will be significantly greater than the combined mass removal rate from simultaneous pumping at both HAR-20 and RD-49A. Using the new well will enhance GWIM effectiveness.

Based on the review of the information submitted, the Discharger is authorized to replace extraction from GWIM wells HAR-20 and RD-49A with extraction from well ND-136 and to continue the existing monitoring and reporting program. All requirements in WDR Order No. R4-2014-0187 and MRP No. CI-10310 remain in effect.

If you have any questions, please contact the Project Manager, Mr. Peter Raftery at (213) 620-6156 (Peter.Raftery@waterboards.ca.gov), or the Chief of the Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 (Eric.Wu@waterboards.ca.gov).

Sincerely,



Renee Purdy
Executive Officer

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