

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. R4-2010-00XX

TERMINATION OF WASTE DISCHARGE REQUIREMENTS
FOR DISCHARGES TO LAND/GROUNDWATER

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), finds:

1. The Regional Board adopted Waste Discharge Requirements (WDRs) contained in Order R4-2004-0112 for the Boeing Company (Discharger) on July 1, 2004, for the biotreatment of perchlorate impacted soil from onsite at Santa Susana Field Laboratory (Facility) in Santa Susana, California.
2. Beginning in July 2004, **under the direction of the Department of Toxic Substances Control (DTSC) as the lead agency**, the Discharger conducted both in-situ and ex-situ treatment of perchlorate impacted soil generated from the use of rocket fuel at the Facility **for the purpose of controlling potential releases to surface waters**. In-situ soil treatment ~~has been~~ **was** conducted under three buildings and ex-situ treatment of soil ~~has been~~ **was** conducted in bioremediation cells (biocell) at the Happy Valley area of the Facility. A biocell is a designated area for the treatment of perchlorate impacted soil. The soil treatment involves the application of methyl soyate (a biodiesel produced from soy oil and methanol) and calcium magnesium acetate (a common road salt) to the perchlorate impacted soil **to reduce the perchlorate to chloride and water**.
3. **In a letter dated December 16, 2008, DTSC determined that “No additional action is required at this time for further reduction of residual soil perchlorate within the Happy Valley Drainage area”.** Regional Board staff verified, by inspection, that **treatment of perchlorate impacted soil at the existing biocells in the Happy Valley area of the Facility has been discontinued** ~~discharging and treatment of perchlorate impacted soil and any remaining perchlorate impacted soil has been removed.~~
4. Surface water runoff from the Happy Valley area continues to be monitored **and regulated** pursuant to ~~Order No. R4-2004-0058~~ **Order No. R4-2009-0058 (NPDES No. CA0001309) and Order No. R4-2010-0090, which will become effective on July 19, 2010, to protect against contamination from any remaining perchlorate impacted soil that has not been removed or treated in the existing biocells.**
5. **Because remediation goals for perchlorate impacted soils targeted for cleanup has been achieved and no additional soil cleanup is proposed for the biocell, the Regional Board finds that requirements in Order No. R4-2004-0112 are no longer applicable to the Facility** and shall be terminated, except for enforcement purposes.

6. The Regional Board has transmitted copies of a tentative Order to the Discharger and to interested agencies and persons, and has notified them of its intent to terminate the requirements.
7. At a public meeting on ~~June 3, 2010~~ **July 8, 2010**, the Regional Board held a hearing and considered comments and correspondence pertaining to this matter.

IT IS HEREBY ORDERED that Waste Discharge Requirements Order No. R4-2004-0112 be terminated, **except for enforcement purposes**.

The Executive Officer of the Regional Board, is authorized, and is hereby directed, to certify and submit copies of this Order to the Discharger, and to such individuals and governmental agencies as may have need therefor, or may request same.

I, Samuel Unger, Interim Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region on ~~June 3, 2010~~ **July 8, 2010**.

Samuel Unger
Interim Executive Officer

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