



Los Angeles Regional Water Quality Control Board

March 10, 2017

Mr. Cassidy Jones
Northrop Grumman Systems Corporation
One Hornet Way
El Segundo, CA 90245

TENTATIVE ORDER – TERMINATION OF WASTE DISCHARGE REQUIREMENTS FOR FORMER NORTHROP GRUMMAN CORPORATION, EAST COMPLEX FACILITY, ONE NORTHROP AVENUE, HAWTHORNE, CALIFORNIA (ORDER NO. R4-2009-0072, CI 9178, FILE NO. 06-089, GLOBAL ID WDR100000377)

Dear Mr. Jones:

On June 4, 2009, the Regional Water Quality Control Board adopted individual Waste Discharge Requirements (WDRs) Order No. R4-2009-0072 and Monitoring and Reporting Program (MRP) No. CI 9178 for a pilot test to inject emulsified vegetable oil, sodium lactate, electron donors, conservative tracer, and non-pathogenic *Dehalococcoides ethenogenes* culture, referred to as KB-1™, to remediate groundwater impacted with chlorinated volatile organic compounds (VOCs) at the former Northrop Grumman Systems Corporation, East Complex Facility, located at One Northrop Avenue, Hawthorne, California.

The injection of the amendment associated with enhanced in-situ bioremediation of VOCs ceased in June 2014. Department of Toxic Substances Control (DTSC) approved the Bioremediation Pilot Study Summary Report on June 2, 2016 and concluded that no more injection is needed. Because the pilot test for in-situ bioremediation was completed, WDRs Order No. R4-2009-0072 is no longer needed and shall be terminated except for purposes of enforcement.

In accordance with administrative procedures, this Regional Board, at a public meeting, will consider the enclosed tentative Order, which will terminate WDRs Order No. R4-2009-0072. The meeting will be held at 9:00 a.m. on **May 4, 2017**, at the Metropolitan Water District of Southern California, located at 700 North Alameda Street, Los Angeles, California.

In order to be fully evaluated by Regional Board staff and included in the Board's agenda packet, written comments must be received at the Regional Board office by 5:00 p.m. on **April 10, 2017**. Failure to comply with these requirements is grounds for the Regional Board to refuse to admit the proposed written comment or exhibit into evidence. Timely submittal of written comments is encouraged to ensure that all comments are accurately and fully included in the administrative record, that Regional Board staff is able to provide a timely review, and that

Mr. Cassidy Jones
Northrop Grumman Systems Corporation

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Regional Board members have sufficient time to give full consideration to the comments and issues raised.

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,


for Eric Wu, Ph.D., P.E.
Chief of Groundwater Permitting Unit

Enclosure: Tentative Order No. R4-2017-XXXX, Terminating Waste Discharge Requirements

cc: Mr. Philip Chandler, Department of Toxic Substances Control
Mr. Ravi Subramanian, CDM Smith

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

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<http://www.waterboards.ca.gov/losangeles/>

ORDER NO. R4-2017-XXXX

**TERMINATION OF WASTE DISCHARGE REQUIREMENTS
FOR DISCHARGES TO LAND/GROUNDWATER
(FORMER NORTHROP GRUMMAN SYSTEMS CORPORATION
EAST COMPLEX FACILITY)**

File No. 06-089

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

1. On June 4, 2009, the Regional Board adopted individual Waste Discharge Requirements (WDRs) Order No. R4-2009-0072 and Monitoring and Reporting Program (MRP) No. CI 9178 for a pilot test to inject emulsified vegetable oil, sodium lactate, electron donors, conservative tracer, and non-pathogenic *Dehalococcoides ethenogenes* culture, referred to as KB-1TM, to remediate groundwater impacted with chlorinated volatile organic compounds (VOCs) at the former Northrop Grumman Systems Corporation, East Complex Facility, located at One Northrop Avenue, Hawthorne, California.
2. The injection of the amendment associated with enhanced in-situ bioremediation of VOCs ceased in June 2014. Department of Toxic Substances Control (DTSC) approved the Bioremediation Pilot Study Summary Report on June 2, 2016 and concluded that no more injection is needed. On June 7, 2016, the Discharger requested that the Regional Board terminate WDRs Order No. R4-2009-0072.
3. Because the pilot test for in-situ bioremediation was completed, WDRs Order No. R4-2009-0072 is no longer needed and shall be terminated except for purposes of enforcement.
4. The termination of WDRs Order No. R4-2009-0072 is exempt from the California Environmental Quality Act because the termination of WDRs and the discharge authorized by the WDRs does not have the potential for causing a significant impact on the environment. See Title 14, Cal. Code Regs. § 15061(b)(3).

The Regional Board has notified the Discharger and interested agencies and persons of its intent to consider termination of WDRs Order No. R4-2009-0072 and MRP No. CI 9178, and has provided them with an opportunity to submit comments. The Regional Board, in a public meeting, heard and considered all comments and testimony pertinent to the Order.

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Draft March 10, 2017

Former Northrop Grumman Systems Corporation
Order No. R4-2017-XXXX

IT IS HEREBY ORDERED that Order No. R4-2009-0072 is 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 that request it.

I, Samuel Unger, 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 May 4, 2017.

Samuel Unger, P.E.
Executive Officer

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