



THUMS LONG BEACH COMPANY  
111 W. Ocean Blvd., Suite 800, Long Beach, CA 90802  
(562) 624-3400

January 15, 2016

**VIA E-MAIL AND U.S. MAIL**

Attn: Josh Cwikla  
Los Angeles Regional Water Quality Control Board  
320 W. Fourth Street, Suite 200  
Los Angeles, CA 90013

RE: California Water Code Directive Pursuant to Section 13267 Dated December 18, 2015  
CLAIM NO. 7015 0640 0006 6057 9253

Dear Mr. Josh Cwikla,

This letter is in response to the December 18, 2015 California Regional Water Quality Control Board, Los Angeles Region, Order letter (Directive) addressed to THUMS Long Beach Company (THUMS). In 2000, THUMS was acquired by Occidental Petroleum Corporation (OXY). In 2014, as part of a spinoff of OXY's assets in California, THUMS became a wholly-owned subsidiary of California Resources Corporation (CRC). From 2000 to the date of the Directive, THUMS has drilled 735 wells without the utilization of drilling sumps.

Solely for the purposes of preparing this response, THUMS has used the definitions set forth in the Directive, including the use of the terms "drilling fluid," "completion fluid" and "stimulation fluid." Oil and gas processing occurs in closed systems in tanks, vessels, and pipelines. There are no processes for oil and gas drilling and/or production that discharge any waste material or other fluids that could directly affect the quality of waters within its region. All of the drilling and production wastes are handled in accordance with DTSC regulations and are sent to approved and regulated disposal facilities. Based on our detailed review of internal company well documentation and reports, no drilling discharges to sumps occurred during the period in which THUMS was owned by OXY/CRC.

It is the interpretation of THUMS that concrete-lined fully enclosed units are not considered a discharge to land and were not identified as "sumps" for the purposes of this analysis. These units are considered exempt per California Code of Regulations, Title 27 section 20090(i) and are permitted and regulated by the South Coast Air Quality Management District.

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In summary, none of the facilities were intended to discharge drilling or oil and gas process wastes to land and no discharges to drilling sumps occurred during the period in which OXY or CRC has owned THUMS.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Please contact Clint Harris at (562) 624-3311 if you wish to discuss this information.

Sincerely,

A handwritten signature in blue ink, appearing to read "C. Plant", is written in a cursive style.

Charlie Plant  
Vice President of Operations  
California Resources Corporation