APPENDIX B

Self-Monitoring and Reporting Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR:

HANSON MARINE OPERATIONS

I. GENERAL

A. Basis

Reporting responsibilities of waste discharges are specified in sections 13225(a), 13267(b), 13260 *et seq*., 13268, 13383, 13387(b) of the California Water Code and this Water Board's Resolution No. 73-16.

B. Purpose

The principle purposes of a monitoring program, also referred to as a Self-Monitoring Program, are to 1) document compliance with Waste Discharge Requirements and prohibitions established by the Water Board, 2) to facilitate self-policing by Hanson Marine Operations (Hanson) in the prevention and abatement of pollution arising from waste discharge, 3) to develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards, and 4) to prepare water and wastewater quality inventories.

C. Sampling and Analytical Methods

Sample collection, storage and analyses shall be performed according to Title 40 of the Code of Federal Regulations, section 136, or other methods approved by the Executive Officer.

Water and wastewater analyses shall be performed by a laboratory approved by the California Department of Public Health or a laboratory approved by the Executive Officer.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

Routine sampling shall follow Quality Assurance/Quality Control procedures including the use of field (trip), equipment and laboratory blanks and laboratory surrogate samples.

All Quality Assurance/Quality Control measures and results shall be reported along with the data.

II. REPORTS TO BE FILED WITH THE REGIONAL BOARD

A. Report of Permit Violation

In the event that violations of permit requirements are detected, operations shall cease and Hanson shall immediately notify the Water Board staff by telephone and email (current case manager: Elizabeth Christian, email: EChristian@Waterboards.ca.gov, telephone number: 510-622-2335). Operations shall not resume until Hanson submits, and the Executive Officer approves, a corrective action plan that will provide alternative methods of compliance.

B. Quarterly Self-Monitoring Reports

Written reports shall be submitted to the current Water Board case manager in electronic format (e.g., via email, CD, or via uploading to the Water Board's FTP site) for each quarter (unless specified otherwise) within 30 days after the end of the quarter. The reports shall be comprised of the following information:

1. **Transmittal letter** that discusses any violations found during the reporting period in terms of dates of occurrence, magnitude, cause (if known), corrective actions taken or planned, and the time schedule for completion.

2. **Identification**
    a. Name and address of dredging company.
    b. Name and registration number of dredging vessel.

3. **Standard Observations**
    a. Receiving Water
        i. Geographical location of vessel during dredging.
        ii. Location of the dredge, reported as longitude and latitude.
        iii. Depth of water at time of dredging (can be a range if location moves during the single mining event).
        iv. Time of day and duration of dredge operation.
        v. Volume of material offloaded per month.
        vi. Location where sand was off-loaded.

    b. Sand Quantity
        i. Volume of sand in cubic yards dredged per quarter.
        ii. Approximate amount of available sand remaining at dredged location.

    c. Graphical portrayal (maps showing track lines) and calculations of the areal extent of mining/benthic disturbance per lease area (number of acres and percent of total lease area mined).

4. **Non-standard Observations**
    a. Any collisions, near collisions, or other navigation problems or conflicts encountered during the year's dredging operations.

C. Annual Report

By January 30 of each year, Hanson shall submit an annual report to the Water Board covering the activities of the previous year. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the report shall contain a comprehensive discussion of the compliance record and the corrective actions taken place or planned which may be needed to bring Hanson into full compliance with this permit.

Monitoring reports and the letter transmitting reports shall be assigned by a principal executive officer or ranking elected official of Hanson, or by a duly authorized representative of that person. The transmittal letter shall contain the following certification: "I certify under penalty of law that this document and all attachments are prepared under my direction or supervision and that the information submitted is, to the best of my knowledge, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

I, Bruce H. Wolfe, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program has been developed in accordance with the procedures set forth in the Water Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Water Board Order No. R2-2015-0008, adopted by the Board on January 21, 2015.

This Self-Monitoring Program may be reviewed at any time subsequent to its adoption date upon written notice from the Executive Officer or a request from Hanson, and revisions may be ordered by the Executive Officer or Water Board.

Digitally signed by Bruce H. Wolfe
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Date: 2015.01.28 17:35:34 -08'00'

Bruce H. Wolfe
Executive Officer