

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

**MONITORING AND REPORTING PROGRAM NO. R5-2011-0812
FOR
SACRAMENTO INTERNATIONAL AIRPORT MEISTER WAY SEWER CONNECTION
SACRAMENTO COUNTY AIRPORT SYSTEMS
SACRAMENTO COUNTY**

This Monitoring and Reporting Program (MRP) describes requirements for monitoring dewatered groundwater and the land application area containing dewatered groundwater. This MRP is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.

Section 13267 of the California Water Code states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Section 13268 of the California Water Code states, in part:

*“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of Section 13399.2, or falsifying and information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).
(b)(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”*

The Discharger controls the groundwater dewatering system and owns the land application area that are subject to the Notice of Applicability (NOA) of Water Quality Order (WQO) No. 2003-0003-DWQ. The reports are necessary to ensure that the Discharger complies with the NOA and WQO. Pursuant to Section 13267 of the California Water Code, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

DEWATERED GROUNDWATER WELL MONITORING

The discharge of dewatered groundwater from each dewatering well shall be monitored and reported as presented below and as specified in the Monthly Monitoring Report Section A.1.

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Flow Rate ¹	GPD	Meter ²	Daily	Monthly

- ^{1.} Flow measurement from each dewatering well.
- ^{2.} If the discharge rate is not metered, the discharge rate shall be estimated by calculation. GPD denotes Gallons Per Day.

LAND APPLICATION AREA MONITORING

The Discharger shall begin monitoring the land application areas upon initiation of dewatered groundwater discharge to them. Monitoring shall consist of the following:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Acreage Applied	Acres	Calculated	Daily	Monthly
Berm Condition ¹	N/A	Observation	Daily	Monthly
Mosquito/Insect Breeding	N/A	Observation	Daily	Monthly
Standing Water	N/A	Observation	Weekly	Monthly

- ^{1.} Containment berms shall be observed for signs of seepage, surfacing water, erosion, burrowing rodent or other damage. N/A denotes Not Applicable

REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, monitoring type (e.g., effluent, land application area), and reported result are readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with the NOA. The results of any monitoring done more frequently than required, or chemical analysis not required by the Monitoring and Reporting Program, shall be reported to the Central Valley Regional Water Quality Control Board (Central Valley Water Board).

A. Monthly Monitoring Reports

Monthly reports shall be submitted to the Central Valley Water Board on the **first day of the second month after the month ends** (e.g. the January report is due by 1 March). The reports shall bear the certification and signature of the Discharger's authorized representative. At a minimum, the quarterly reports shall include:

1. A statement of the dewatering related activity performed during the monitoring period. If no land application of dewatered groundwater occurred during the reporting period, a letter describing that condition is sufficient and no further reporting for the month is required. In months when dewatering activity was performed, the following shall be reported:
 - a. Results of effluent and land application area monitoring.
 - b. A comparison of monitoring data to the discharge specifications, disclosure of any violations of the NOA and/or WQO, and an explanation of any violation of those requirements. Data shall be presented in tabular format.
 - c. Copies of any laboratory analytical report(s) used to characterize water or sediment quality. If the analytical reports were prepared for a separate discharge permit issued by the Central Valley Regional Water Board, the analysis shall be reported associated with the issued permit.

A letter transmitting the self-monitoring reports shall accompany each report. The letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Discharger or the Discharger's authorized agent:

"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 the 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."

The Discharger shall implement the above monitoring program as of the date of this Order.
Ordered by:

Original signed by Frederick Moss

PAMELA C. CREEDON, Executive Officer

1 July 2011

Date