

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**MONITORING AND REPORTING PROGRAM NO.
R9-2006-0028**

for

STONEWOOD, INC.,

THE VINEYARD PROJECT,

CITY OF MURRIETA, RIVERSIDE COUNTY

1. Responsible Party Updates. Stonewood Inc. shall provide the name and contact information of any third party accepting responsibility for implementing the requirements of this Monitoring and Reporting Program. The notification shall be submitted to the Regional Board within 30 days of the transfer of responsibility. The notification shall include a signed statement from the new party demonstrating acceptance and understanding of the responsibility to meet the mitigation conditions and applicable requirements of the Certification.
2. Construction best management practices (BMPs) shall be visually monitored throughout each construction phase of the project. Failures of BMP performance that result in discharges of toxic materials or significant quantities of sediment to waters of the State and/or United States, or that result in erosion of waters of the State/U.S., shall be reported to the Regional Board within 24 hours of discovery. A description of remediation efforts that were implemented shall be reported to the Regional Board within five business days of discovery.
3. Stonewood Inc. shall conduct habitat mitigation monitoring and reporting in accordance with *The Vineyard Habitat Mitigation and Monitoring / Water Quality Management Plan*, January 2006, prepared by PCR Services Corporation, (Habitat Mitigation Plan), except as modified to meet the conditions of this Monitoring and Reporting Program and Regional Board Order R9-2006-0028.

4. Mitigation Area Status Reports. Annual status reports shall be submitted between the time that fill is discharged into waters of the State and the mitigation plantings are complete. These status reports are due **August 1** of each year. The status reports shall include a description of activities (e.g., spills, grading, vegetation management, irrigation installation, etc.) conducted within and adjacent to each area proposed for mitigation. The reports shall also describe any physical or ownership changes in the mitigation areas that could affect the successful implementation of the Habitat Mitigation Plan.
5. As-Built Report. Within 45 days of completing site grading and restoration activities, an As-Built report shall be submitted to the Regional Board. The As-Built report shall include photographs, sampling plot locations, plant species lists, site plans, and include a description of any deviations from the Habitat Mitigation Plan.
6. Minimum Monitoring Frequencies. Mitigation monitoring shall occur, at a minimum, monthly for three months following plantings, then quarterly until the end of the second year, semi-annually during year three, and annually thereafter until mitigation is deemed successful by the Regional Board.
7. Monitoring Reports. Mitigation monitoring reports shall be submitted annually until mitigation has been deemed functionally successful by the monitor and the Regional Board provides written concurrence to the Discharger. Monitoring reports shall be submitted by **August 1** and cover the period from July 1 of the previous year through June 30 of the current monitoring year. Monitoring reports shall include, but not be limited to, the following:
 - a. Names, qualifications, and affiliations of the persons contributing to the report;
 - b. Tables and an analysis of the raw quantitative and qualitative data collected in the field, including at a minimum the functional success criteria in the Habitat Mitigation Plan and others as described herein;
 - i. Habitat vegetation structure, cover, and diversity;
 - ii. Exotic, invasive vegetation;
 - iii. Detritus cover;
 - iv. Microtopography;
 - v. Wildlife corridor;
 - vi. General topographic complexity characteristics at each mitigation site;
 - vii. General upstream and downstream habitat and hydrologic connectivity;
 - viii. Source of hydrology to the mitigation areas; and
 - ix. Width and condition of native vegetation buffers around each entire mitigation site.

- c. Qualitative and quantitative comparisons of current mitigation conditions with pre-construction conditions and previous mitigation monitoring results;
- d. Photodocumentation from established reference points;
- e. Qualitative comparison to adjacent preserved streambed areas;
- f. Survey report documenting boundaries of mitigation area; and
- g. Other items specified in the final Habitat Mitigation Plan.

All Monitoring Reports shall be submitted to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
401 Certification; File No. WPN:18-2005029:haasj
9174 Sky Park Court, Suite 100
San Diego, Ca 92123

Ordered by: TENTATIVE
JOHN H. ROBERTUS
Executive Officer