



California Regional Water Quality Control Board
Central Valley Region

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8 August 2007

Mr. George Booth
County of Sacramento- Department of Water Resources
827 7th Street, Room 301
Sacramento, CA 95814

**ACTION ON REQUEST FOR CLEAN WATER ACT §401 WATER QUALITY
CERTIFICATION FOR DISCHARGE OF DREDGED AND/OR FILL MATERIALS FOR THE
NORTH VINEYARD STATION DRAINAGE MASTER PLAN PROJECT,
(WDID#5A34CR00353) SACRAMENTO COUNTY**

ACTION:

1. Order for Standard Certification
2. Order for Technically-conditioned Certification
3. Order for Denial of Certification

WATER QUALITY CERTIFICATION STANDARD CONDITIONS:

1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to §13330 of the California Water Code and §3867 of Title 23 of the California Code of Regulations (23 CCR).
2. This certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to 23 CCR subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. The validity of any non-denial certification action shall be conditioned upon total payment of the full fee required under 23 CCR §3833, unless otherwise stated in writing by the certifying agency.
4. Certification is valid for the duration of the described project. County of Sacramento – Department of Water Resources shall notify the Regional Board in writing within 7 days of project completion.

California Environmental Protection Agency

ADDITIONAL CONDITIONS :

In addition to the four standard conditions, the applicant shall satisfy the following:

1. County of Sacramento - Department of Water Resources shall notify the Board in writing of the start of any in-water activities.
2. Except for activities permitted by the U.S. Army Corps under §404 of the Clean Water Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.
3. The discharge of petroleum products or other excavated materials to surface waters is prohibited.
4. Activities shall not cause turbidity increases in surface waters to exceed:
 - (a) where natural turbidity is between 0 and 5 Nephelometric Turbidity Units (NTUs), increases shall not exceed 1 NTU;
 - (b) where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
 - (c) where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs;
 - (d) where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

Except that these limits will be eased during in-water working periods to allow a turbidity increase of 15 NTU over background turbidity as measured in surface waters 300 feet downstream from the working area. In determining compliance with the above limits, appropriate averaging periods may be applied provided that beneficial uses will be fully protected.

5. Activities shall not cause settleable matter to exceed 0.1 ml/l in surface waters as measured in surface waters 300 feet downstream from the project.
6. Activities shall not cause visible oil, grease, or foam in the work area or downstream.
7. All areas disturbed by project activities shall be protected from washout or erosion.
8. In the event that project activities result in the deposition of soil materials or creation of a visible plume in surface waters, the following monitoring shall be conducted immediately upstream and 300 feet downstream of the work site and the results reported to this office within two weeks:

Parameter	Unit	Type of Sample	Frequency of Sample
Turbidity	NTU	Grab	Every 4 hours during in water work
Settleable Material	ml/l	Grab	Same as above.

9. County of Sacramento - Department of Water Resources shall notify the Board immediately if the above criteria for turbidity, settleable matter, oil/grease, or foam are exceeded.
10. County of Sacramento - Department of Water Resources shall notify the Board immediately of any spill of petroleum products or other organic or earthen materials.
11. County of Sacramento - Department of Water Resources shall comply with all Department of Fish and Game 1600 requirements for the project.
12. County of Sacramento - Department of Water Resources must obtain coverage under the NPDES General Permit for Storm Water Discharges Associated with Construction Activities issued by the State Water Resources Control Board.

REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

Patrick G. Gillum, Environmental Scientist
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WATER QUALITY CERTIFICATION:

I hereby issue an order certifying that any discharge from County of Sacramento - Department of Water Resources, North Vineyard Station Drainage Master Plan Project (WDID #5A34CR00353) will comply with the applicable provisions of §301 ("Effluent Limitations"), §302 ("Water Quality Related Effluent Limitations"), §303 ("Water Quality Standards and Implementation Plans"), §306 ("National Standards of Performance"), and §307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under Regional Board Resolution No. R5-2003-0008 "*Waiver of Reports of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge: Type 12 Projects for which Water Quality Certification is issued by the Regional Board,*" which requires compliance with all conditions of this Water Quality Certification.

Except insofar as may be modified by any preceding conditions, all certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicant's project description and the attached Project Information Sheet, and (b) compliance with all applicable requirements of the Regional Water Quality Control Board's Water Quality Control Plan (Basin Plan).



PAMELA C. CREEDON
Executive Officer

Enclosure: Project Information

cc: U.S. Army Corps of Engineers, Sacramento
Mr. David Smith, Wetlands Section Chief (WTR-8), U.S. Environmental Protection Agency, Region 9, San Francisco
U.S. Fish & Wildlife Service, Sacramento
Mr. Bill Orme, Certification Unit, State Water Resources Control Board, Sacramento
Mr. Craig Hiatt, ECORP Consulting, Inc., Rocklin

PROJECT INFORMATION

Application Date: 18 May 2007

Applicant: Mr. George Booth
County of Sacramento- Department of Water Resources
827 7th Street, Room 301
Sacramento, CA 95814

Applicant Representatives: Mr. Craig Hiatt
ECORP Consulting, Inc.
2525 Warren Drive
Rocklin, CA 95677

Project Name: North Vineyard Station Drainage Master Plan Project

Application Number: WDID#5A34CR00353

Type of Project: Habitat enhancement, flood protection, and water quality treatment for the North Vineyard Station Specific Plan Area (NVSSP).

Project Location: Sections 4,5, and 6, Township 7 North, Range 6 East, MDB&M. Latitude: 38°29'20" and Longitude: 121°20'30".

County: Sacramento County

Receiving Water(s) (hydrologic unit): Elder Creek and Gerber Creek, Sacramento Hydrologic Basin, Valley-American Hydrologic Unit #519.12, Florin HSA

Water Body Type: Wetlands, Streambed

Designated Beneficial Uses: The Basin Plan for the Central Valley Regional Board has designated beneficial uses for surface and ground waters within the region. Beneficial uses that could be impacted by the project include: Municipal and Domestic Water Supply (MUN); Agricultural Supply (AGR); Industrial Supply (IND), Hydropower Generation (POW); Groundwater Recharge, Water Contact Recreation (REC-1); Non-contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Cold Freshwater Habitat (COLD); and Wildlife Habitat (WILD).

Project Description (purpose/goal): The North Vineyard Station Drainage Master Plan Project will provide flood protection and water quality treatment for the area. The project consists of improving the flood flow capacity of Gerber and Elder Creek, removal of existing properties and structures from the danger of flooding, detention of significant storm events, treatment of urban runoff, and mitigation of impacts to wetland and wildlife habitats. The project will permanently impact 16.326 acres of streambed wetlands.

Preliminary Water Quality Concerns: The construction activities may impact surface waters with increased turbidity and settleable matter.

Proposed Mitigation to Address Concerns: County of Sacramento - Department of Water Resources will implement Best Management Practices (BMPs) to control sedimentation and erosion. All temporary affected areas will be restored to pre-construction contours and conditions upon completion of construction activities. County of Sacramento- Department of Water Resources will conduct turbidity and settleable matter testing during in water work, stopping work if Basin Plan criteria are exceeded or are observed.

Fill/Excavation Area: The existing channelized creeks will be deepened, widened and re-contoured with natural characteristics. 60,000-65,000 cubic yards of native soil will be excavated.

Dredge Volume: none

U.S. Army Corps of Engineers Permit Number: County of Sacramento is requesting authorization through an individual permit for project impacts to waters of the U.S. The Section 404 Individual Permit Application was submitted in 2003. The existing and impact acreages presented in this submittal represent those proposed for the project.

Department of Fish & Game Streambed Alteration Agreement: This first year there will be no work in watercourses. As each phase is planned and readied to be built, a Department of Fish & Game Streambed Alteration Agreement will be obtained.

Possible Listed Species: Vernal pool tadpole shrimp, and Vernal pool fairy shrimp.

Status of CEQA Compliance: A Notice of Determination (Final Environmental Impact Report) was filed for this project on 5 November 1998 by County of Sacramento (State Clearinghouse Number 96032057).

Compensatory Mitigation: There will be 35.06-acres of jurisdictional wetland created on-site, consisting of 27.17 acres of creek and 7.886 acres of wetlands at a 2:1 ratio.

Application Fee Provided: Total fees of \$35,609.50 have been submitted as required by 23 CCR §3833b(2)(A) and by 23 CCR § 2200(e).

DISTRIBUTION LIST

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Wetlands Section Chief (W-3)
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