



California Regional Water Quality Control Board

Colorado River Basin Region



Linda S. Adams
Secretary for
Environmental Protection

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Arnold Schwarzenegger
Governor

February 19, 2009

Chris Wallis
U.S. Bureau of Reclamation – Yuma Area Office
7301 Calle Agua Salada
Yuma, AZ 85364

**RE: ORDER FOR TECHNICALLY-CONDITIONED CLEAN WATER ACT SECTION 401
WATER QUALITY CERTIFICATION FOR DISCHARGE OF DREDGED AND/OR
FILL MATERIALS**

PROJECT: U.S. Bureau of Reclamation - Level Monitoring Wells - Backwater Evaluations

APPLICANT: California Department of Parks and Recreation

- ACTION:**
1. Order for Standard Certification
 2. Order for Technically-Conditioned Certification
 3. Order for Denial of Certification

STANDARD CONDITIONS:

The following standard conditions apply to all certification actions, except as noted above under Action 3 for denials.

1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Section 13330 of the California Water Code and Section 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 (Actions 1 and 2) shall be conditioned upon total payment of the full fee required under 23 CCR Section 3833, unless otherwise stated in writing by the certifying agency.

California Environmental Protection Agency

4. In the event of any violation or threatened violation of the conditions of this certification, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under State law. For purposes of Clean Water Act (CWA) section 401(d), the applicability of any State law authorizing remedies, penalties, process, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Water Quality Certification (WQC).
 - a. In response to a suspected violation of any condition of this WQC, the Regional Water Quality Control Board (Regional Water Board) may require the holder of any permit or license subject to this certification to furnish, under penalty of perjury, any technical or monitoring reports the Regional Water Board deems appropriate, provided that the burden, including cost of the reports, shall be in reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
 - b. In response to any violation of the conditions of this WQC, the Regional Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance.

ADDITIONAL CONDITIONS:

The following additional conditions apply to this certification:

1. This WQC applies towards the proposed project as described in the 401 application received by the Regional Water Board on November 20, 2008. The Applicant shall provide the Regional Water Board and other interested agencies with written notification of any significant modifications made to the project prior to implementation of the modifications.
2. This WQC does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
3. This WQC does not authorize the Applicant or any associated party to trespass on any land or property unless the applicant has obtained written authorization or acquired a special use authorization permit from the land or property owner.
4. A copy of this WQC shall be provided to the appropriate onsite Supervisor for the Project. All personnel performing work on the proposed project shall be familiar with the content of this WQC. Copies of the WQC shall be readily available at the project site at all times during periods of active work and shall be presented to regulatory agency representatives upon request.
5. The Applicant shall grant Regional Water Board staff, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to enter

- the project site at reasonable times, to ensure compliance with the terms and conditions of this WQC and/or to determine the impacts the project may have on waters of the United States.
6. The proposed projects shall not be enlarged or extend beyond the proposed project impact area. The Applicant shall delineate the project boundaries and staging areas with stakes, flags and/or temporary construction fencing.
 7. The area of vegetation and soil disturbance shall be restricted to the smallest extent possible.
 8. Projects shall not discharge substances in concentrations toxic to human, plant, animal, or aquatic life or that produce detrimental physiological responses.
 9. Projects shall not discharge waste classified as "hazardous" as defined in Title 22 CCR section 66261 and the California Water Code section 13173.
 10. No oil, petroleum products, or rubbish shall be allowed to enter into or be placed where it may be washed by rainfall or runoff into waters of the United States.
 11. No equipment maintenance will be done within or near any stream channel where petroleum products or other pollutants from the equipment may enter waters of the United States.
 12. Equipment refueling shall not occur within waters of the United States.
 13. Any oil or grease leaks shall be immediately cleaned up.
 14. The Applicant shall ensure that all contaminated material and/or contaminated soil removed or excavated from the Project site is properly loaded, transported, and disposed of in accordance with Federal, State, and local regulations.
 15. Staging/storage areas for equipment and materials shall be located outside of waters of the United States.
 16. The Applicant shall ensure that all disturbed and filled areas are adequately stabilized and protected from erosion and siltation by implementing appropriate soil stabilization, sedimentation and silt control measures.
 17. Any flow diversion used during construction shall be designed in a manner to prevent pollution, minimize siltation, and shall provide flows to downstream reaches. Flows shall be maintained to support existing aquatic life and riparian wetlands and habitat that may be located upstream and downstream from any temporary diversion.
 18. The Applicant shall restore drainages, to the greatest extent possible, to the original bank configuration, stream bottom width, and channel gradient.



19. All temporary facilities and impacts shall be removed and restored to the preexisting conditions and contours to the extent practicable.
20. Construction related materials and wastes shall be removed from the project site upon completion of the project.
21. The Applicant shall submit Notice to the Regional Water Board within 60-days of completion of the Project. The Notice shall include: 1) a detailed summary of the mitigation and restorations activities implemented during the project and 2) provide photographic documentation that supports the information summarized in the Notice.
22. The Regional Water Board reserves the right to suspend, cancel, or modify and reissue this WQC, after providing notice to the Applicant and/or responsible Site-Supervisor, if the Regional Water Board determines that the project fails to comply with any of the terms or conditions of this WQC.
23. The Applicant shall orally notify the Regional Water Board of any noncompliance that may impact the beneficial uses of waters of the United States, as soon as notification is possible and notification can be provided without substantially impeding measures necessary to stop and contain the unauthorized discharge.

REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

If you have any questions, please contact Jay Mirpour, Water Resources Control Engineer, at (760) 776-8981 or jmirpour@waterboards.ca.gov.



WATER QUALITY CERTIFICATION:

I hereby issue an order certifying that any discharge from the referenced project will comply with the applicable provisions of sections 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, and with other applicable requirements of State law.

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 applicants' 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).



ROBERT PERDUE
Executive Officer

JJM/

cc: Mark Durham, U.S. Army Corps of Engineers, Los Angeles District Office
Bill Orme, SWRCB, Division of Water Quality, Water Quality Certification Unit
David Smith, U.S. Environmental Protection Agency, Region 9
Thomas A. Vandenberg, State Water Resources Control Board

File: U.S. Bureau of Reclamation, WDID NO. 7B133018001



Mailing List:

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**Thomas A. Vandenberg
Staff Counsel
Office of Chief Counsel
State Water Resources Control Board
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Sacramento, CA 95814**



PROJECT INFORMATION

Application Date: Received on November 20, 2008

Applicant: Chris Wallis
U.S. Bureau of Reclamation – Yuma Area Office
7301 Calle Agua Salada
Yuma, AZ 85364

Applicant Representative: Julian De Santiago
U.S. Bureau of Reclamation – Yuma Area Office
928-343-8259

Project Name: U.S. Bureau of Reclamation - Level Monitoring Wells

Project Start and Completion: Project start – March 1, 2009
Project completion – March 31, 2009

Project Description

Reclamation proposes to install level monitoring well in four backwater sites in order to measure water flow through permeable structures. Installation of the wells will consist of placing 3-inch diameter PVC pipe along the mid-section of the bankline, running down to the toe of the bank. In areas where the outlet area is open, the monitoring well would be placed directly in the water, along the shoreline. Once wells are installed, level monitors will be inserted inside the PVC pipes. Monitoring wells will enable the collection of river flow and elevation data that will be used to evaluate and assess the functionality of existing inlet and outlet backwater structures. Reclamation will collect data periodically and use this information to determine a future course of action regarding proposed improvements to the flow through structures.

Once the PVC pipe is placed along the side of the permeable structure, 4 cubic yards of material per site will be used as fill to cover the PVC. A total of approximately 25 cubic yards of material will be removed from the sites in order to install wells and same amount of material will be used as backfill. This action is expected to take 2 weeks to complete the installation of the wells. A total of 14 wells will be installed. Equipment used in this operation will be an long reach excavator to remove material and for backfilling. This equipment will operate along the top of the bankline road.



Project Location:

Site 1: A-7 backwater is located along the Colorado River's Palo Verde Division, at River Miles a120.3 and a118.7. Sections 21 and 28, T. 3 N., R. 22 W. (Long: 114° 32' 19.30"W Lat: 33° 35' 32.77"N)

Site 2: A-10 backwater is located along the Colorado River's Palo Verde Division, at River Miles a115.2 and a114.7. Sections 8 and 17, T. 2 N., R. 22 W. (Long: 114° 33' 07.72"W Lat: 33° 30' 05.44"N)

Site 3: C-5 backwater is located along the Colorado River's Palo Verde Division, at River Miles c118.9 and c117.3, Section 14, T. 7 S., R. 22 W. (Long: 114° 32' 19.89"W Lat: 33° 34' 23.22"N)

Site 4: C-10 backwater located along the Colorado River's Palo Verde Division, at River Miles c109.1 and c110.6. Sections 26 and 35, T. 2 N., R. 23 E. (Long: 114° 35' 58.36"W Lat: 33° 29' 08.02"N)

County: Riverside

Receiving Water(s): Colorado River

Fill/Excavation Area (acres): Less than 1/8 acre

Dredge Volume (cy): 25 cubic yards

Mitigation:

- Land based equipment shall be in good condition with no fuel leaks.
- Equipment will not be stored/park where contaminated water or accidental fuel or chemical leaks can drain into the river channel.
- Materials to absorb small toxic material spills will be present on site for the duration of this project.
- Stringent spill prevention practices will be used during operations to prevent lubricants and other petroleum containing materials or debris from entering the watercourse.

Federal Permit(s): U.S. Army Corps of Engineers Section 404 Permit, Nationwide Permit No. 5 (Scientific Measurement Devices), Project File No. Pending

Status of CEQA: USBR determined that this activity is Categorical Excluded by USBR under NEPA.

The Regional Water Board determined that the proposed project is categorically exempt from CEQA per CEQA Guidelines §15306



(placement of river gauging stations for information gathering and resource evaluation activities). In accordance with CEQA Guidelines Section 15062, the Regional Water Board shall file a Notice of Exemption with the Office of Planning and Research upon approval of the CWA Section 401 WQC.

Reference No.: WDID NO. 7B133018001



NOTICE OF EXEMPTION

To:
Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

From:
California Regional Water Quality Control Board
Colorado River Basin Region (Region 7)
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

Project Title: U.S. Bureau of Reclamation - Level Monitoring Wells

Project Location (City and County): Riverside County

Project Location (Specific): Colorado River, Site 1: A-7 backwater is located along the Colorado River's Palo Verde Division, at River Miles a120.3 and a118.7. Sections 21 and 28, T. 3 N., R. 22 W. (Long: 114° 32' 19.30"W Lat: 33° 35' 32.77"N)

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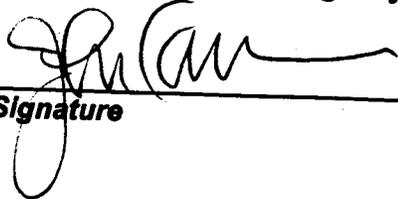
Name of Public Agency Approving Project: California Regional Water Quality Control Board, Colorado River Basin Region

Name of Agency Carrying Out Project: U.S. Bureau of Reclamation - Yuma Area Office

Exempt Status (CEQA Guidelines Section and Class): The Regional Water Board determined that the proposed project is categorically exempt from CEQA per CEQA Guidelines §15306 (placement of river gauging stations for information gathering and resource evaluation activities).

Reasons Why Project is Exempt: The proposed project, as described above involves negligible or no expansion of use beyond that existing at the time of this determination.

Contact Person - lead agency: John Carmona, Senior WRCE Phone: (760) 340-4521

 2/19/09 Senior Water Resources Control Engineer
Signature **Date** **Title**

Date received for filing at OPR: _____