



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Benjamin H. Grumbles
Director

NOTICE OF PROPOSED ACTION by the

Arizona Department of Environmental Quality (ADEQ) on an application for an Arizona Pollutant Discharge Elimination System (AZPDES) Permit to discharge pollutants to Waters of the United States. ADEQ is issuing this notice of proposed action under the Clean Water Act (CWA) and in accordance with Arizona Administrative Code (A.A.C.) R18-9-A907.

The Director proposes to issue an AZPDES permit to discharge to the following applicant, subject to certain effluent limitations and special conditions:

Public Notice No. 16-10AZ

Publication Date: 10/27/09

AZPDES Permit No. AZ0025348
Yuma Desalting Plant
7301 Calle Agua Salada
Yuma, AZ 85364

The applicant applied for a new AZPDES permit for the discharge of up to 22.5 million gallons per day (mgd) of water (desalinated product water) from the desalting plant and research center in Yuma County, Arizona. Desalinated product water will be discharged into the Colorado River. The point of discharge will be in T16S, R21E, Section 36SBM for outfall MODE II. Pretreatment will be operated for approximately 1 month at one-third pretreatment production capacity before the Reverse Osmosis (RO) process is brought online. Pursuant to A.A.C. 18-11 Article 1, Appendix B, effluent limitations in the permit are based on the designated uses of aquatic and wildlife (warmwater) (A&Ww), full body contact (FBC), fish consumption (FC), drinking water standards (DWS), agricultural irrigation (Agl), and agricultural livestock watering (AgL). Effluent will be monitored for boron, lead, total residual chlorine (TRC), pH, and total dissolved solids (TDS). Chronic whole effluent toxicity (WET) testing will be required quarterly to assist in determining whether synergistic effects of monitored or non-monitored parameters are occurring.

With 24 hour notice, the draft permit and related documentation is available for public review Monday through Friday from 8:30 a.m. to 4:30 p.m. at the ADEQ Phoenix office. To review the file, contact the Records Management Center, 24 hours in advance at (602) 771- 4380. A copy of the pertinent documents may also be obtained by calling or writing ADEQ as follows.

Northern Regional Office
1801 W. Route 66 • Suite 117 • Flagstaff, AZ 86001
(928) 779-0313

Southern Regional Office
400 West Congress Street • Suite 433 • Tucson, AZ 85701
(520) 628-6733

Persons may submit comments or request a public hearing on the proposed action, in writing, to:

Samira Mirtalaei
Arizona Department of Environmental Quality
Water Quality Division
1110 W. Washington – 5415A-1
Phoenix, AZ 85007
Telephone: 602-771-4678

All written comments received by ADEQ by the close of business on the date 30 days after publication of this notice will be considered in the final permit decision. Requests for a hearing must be in writing and must state the issues proposed to be raised in a hearing. If there is a significant degree of public interest, the Director will hold a hearing in accordance with A.A.C. R18-9-908(B). Additional notice of such hearing would be published at least 30 days prior to the hearing date. Please bring the foregoing notice to the attention of all persons you know would be interested in this matter.