



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: 10-10az

Publication Date: 11/5/09

City of Mesa AZ0025151
(Southeast Water Reclamation Plant)
P.O. Box 1466
Mesa, Arizona 85206

The applicant applied for a renewal AZPDES permit for the discharge of up to 8 million gallons per day (mgd) of effluent from the Southeast Water Reclamation Plant (WRP) that serves the City of Mesa in Maricopa County, Arizona. Effluent is discharged to the East Maricopa Floodway, tributary of the Gila River in the Middle Gila Basin. The points of discharge are in T1S, R6E, Section 12, and T2S, R6E, Section 15. Wastewater is domestic, commercial and industrial in nature. Treatment is tertiary with denitrification. There is also a hypochlorite disinfection system with ultraviolet disinfection as a backup. Sludge is disposed of at the City of Mesa's Greenfield Wastewater Treatment Plant. 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 effluent dependent water (A&Wedw), partial body contact (PBC), and agricultural livestock watering (AgL). Effluent is monitored for biochemical oxygen demand (BOD), total suspended solids (TSS), *E. coli*, total residual chlorine (TRC), pH, metals, cyanide and sulfides. The draft permit includes a compliance schedule for installing a dechlorination system to meet the newly applied A&Wedw chlorine limit. Chronic whole effluent toxicity (WET) testing is required quarterly for green algae, and once every six months for the water flea and fathead minnow 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:

Jacqueline Maye
Arizona Department of Environmental Quality
Water Quality Division
1110 W. Washington – 5415A-1
Phoenix, AZ 85007
Telephone: 602-771-4607

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.