



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Patrick J. Cunningham
Acting 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.: 06-AZ09AZ

Publication Date: 4/30/09

AZPDES Permit No. AZ0025313
Central Buckeye Waste Water Treatment Plant
423 Arizona Eastern Avenue
Buckeye, AZ 85326

The applicant applied for a renewal AZPDES permit for the discharge of up to 3.0 million gallons per day (mgd) of treated groundwater from the facility to the Buckeye Irrigation Ditch which is located in the Gila River Basin in Maricopa County, Arizona. The point of discharge is T1S, R3W, Section 8, approximately 34 miles west of Phoenix. Effluent treatment consists of the following processes: influent pumping, screening, grit removal, secondary treatment (Bardenpho process for nitrification/denitrification), secondary clarification, tertiary filtration, chlorination and dechlorination, with bisulphite. Sludge treatment process consists of: an activated sludge/waste pumping station and a gravity belt thickener/filter press. Forty percent of the sludge is recycled and returned to anoxic basins as activated sludge. The remaining sludge has polymer added and then is sent to a gravity belt thickener and filter press. At completion, the sludge is taken to a landfill for disposal. Water from the gravity belt thickener and belt filter press is recycled back to the influent pump station.

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) and partial body contact (PBC). The discharge is to be monitored for total suspended solids (TSS), pH, and metals. Chronic whole effluent toxicity (WET) testing is required annually 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.

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

Eileen E. Dunn
Arizona Department of Environmental Quality
Water Quality Division
1110 W. Washington St., 5415A-1
Phoenix, AZ 85007
Telephone: (602) 771-4449

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.

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1801 West Route 66 • Suite 117 • Flagstaff, AZ
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400 West Congress Street • Suite 433 • Tucson, AZ
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