



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



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. 11-09AZ

Publication Date: May 14, 2009

AZPDES Permit No. AZ0025828
Town of Cave Creek
37622 N. Cave Creek Road
Cave Creek, AZ 85331

The applicant applied for a new AZPDES permit for the discharge of up to 0.66 million gallons per day (mgd) of effluent from a water reclamation facility (WRF) that will serve the Cave Creek community in Maricopa County, Arizona. Effluent will be discharged into Galloway Wash or Cave Creek Wash in the Middle Gila River Basin. Outfall 001 (Galloway Wash) point of discharge will be in T6N, R4E, Section 28 and Outfall 002 (Cave Creek Wash) point of discharge will be in T5N, R4E Section 6. Wastewater will be domestic in nature, with no industrial component. Treatment will be advanced with tertiary filtration, chlorination and dechlorination. Sludge will be disposed of at an approved landfill. 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 full body contact (FBC). Effluent will be monitored for biochemical oxygen demand (BOD), total suspended solids (TSS), *E. coli*, total residual chlorine (TRC), pH, ammonia, metals, oil and grease, cyanide and sulfides. Chronic or acute whole effluent toxicity (WET) testing will be required 1x/6 months during the permit term 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:

Ramona Chomor
Arizona Department of Environmental Quality
Water Quality Division
1110 W. Washington – 5415A-1
Phoenix, AZ 85007
Telephone: 602-771-4515

Northern Regional Office
1801 West 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

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.