



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. 13-10AZ

Publication Date: 10/8/09

AZPDES Permit No. AZ0022381
Chaparral City Water Company
12021 N. Panorama Drive
Fountain Hills, AZ 85268

The applicant applied for a renewal AZPDES permit to allow the discharge of filter backwash water from the Shea Water Treatment Plant (WTP) that serves the Fountain Hills community and a small portion of Scottsdale known as Hidden Hills in Maricopa County, Arizona. Surface water from the Central Arizona Project (CAP) Canal is treated and served to the public for domestic and municipal purposes. The WTP consists of three treatment units and has a treatment capacity of 15 million gallons per day (mgd). The treatment processes include coagulation, adsorption, clarification, filtration and disinfection is by sodium hypochlorite. Sludge from the detention basin is dried and approximately once a year hauled to an approved landfill for disposal. Effluent is discharged into an unnamed wash, tributary to Cereus Wash, tributary to the Verde River in the Verde River Basin. The point of discharge is in T3N, R6E, Section 21. 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). Effluent will be monitored for ammonia, *E. coli*, total residual chlorine (TRC), pH, metals, cyanide and sulfides. Whole effluent toxicity (WET) testing will be required once during 2010 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:

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

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

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.