

AUTHORIZATION TO DISCHARGE TO WATERS OF THE UNITED STATES,
NPDES PERMIT NO. NM0031143.

The applicant's mailing address is:

U.S. Bureau of Reclamation
555 Broadway NE, Suite 100
Albuquerque, NM 87102

As described in the application, the pilot plant is located adjacent to the Rio Grande, at 1500 North of Highway 502W, San Ildefonso Pueblo, in Santa Fe County, NM. The outfall is located at Latitude 35° 52' 42" North, Longitude 106° 28' 21" West. The water required for the pilot study is approximately 45 gallons per minute for 8 hour work day, 3 days per week. The daily discharge rate is 0.0216 MGD (45 gal/min x 60 min/hour x 8 hours/day). Water from two types of diversion will be tested: water diverted directly from the Rio Grande and water pumped from alluvial deposits along the banks of the Rio Grande. Water from these sources will be pilot tested separately and the discharge into the Rio Grande will consist solely of water treated to drinking water standards. The treatment processes consist of pre-sedimentation, coagulation, flocculation, sedimentation, and membrane filtration. Process residuals, including membrane backwash, will be disposed of at a solid waste facility.

EPA proposes to include effluent limitations and monitoring requirements for pH, total suspended solids (TSS) and total residual chlorine (TRC), and 48-hour acute toxicity testing requirements.

This Notice also serves as Public Notice of the intent of the New Mexico Environment Department, Surface Water Quality Bureau to consider issuing Clean Water Act (CWA) Section 401 Certification. The purpose of such certification is to reasonably ensure that the permitted activities will be conducted in a manner that will comply with applicable New Mexico water quality standards, including the antidegradation policy, and the statewide water quality management plan. The NPDES permit will not be issued until the certification requirements of Section 401 have been met.

If you want to comment on State Certification submit written comments within the 30 day period to:

Bureau Chief
Surface Water Quality Bureau
New Mexico Environment Department
P.O. Box 5469
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