

AUTHORIZATION TO DISCHARGE TO WATERS OF THE UNITED STATES,
NPDES PERMIT NO. NM0023311.

The applicant's mailing address is:

City of Las Cruces
P.O. Box 20000
Las Cruces, NM 88004-9002

The facility is located at 2851 West Amador, Las Cruces, NM. The effluent from the site is discharged into the Rio Grande in water quality Segment No. 20.6.4.101 of the Rio Grande Basin. The receiving waterbody, Segment No. 20.6.4.101, has designated uses of irrigation, livestock watering, wildlife habitat, marginal warmwater aquatic life, and secondary contact.

Under SIC Code 4952 the discharge is from a POTW. The treatment processes include primary clarifiers, roughing filters, aeration basins, secondary clarifiers, and chlorine contact basin with dechlorination. The facility design flow was 8.9 MGD and has been increased to 13.5 MGD after adding a flow equalization basin at the head of the treatment plant. A fact sheet is available.

There are significant changes of permit conditions from the current permit:

1. Replace monitoring requirement and effluent limitation of fecal coliform with E. coli;
2. Change mass loading limitations for BOD and TSS;
3. Add WET limit for sublethal endpoint;
4. Change critical dilution from 22% to 30%;
5. Establish new monitoring frequencies for pH, BOD, TSS, and E. coli; and
6. Include modified pretreatment conditions.