

20.6.4.127 RIO GRANDE BASIN - Perennial portions of Los Alamos canyon upstream from Los Alamos reservoir and Los Alamos reservoir.

A. Designated Uses: coldwater aquatic life, livestock watering, wildlife habitat, irrigation and primary contact.

B. Criteria:

~~[(1) In any single sample: pH within the range of 6.6 to 8.8 and temperature 20°C (68°F) or less.]~~ The use-specific numeric criteria set forth in 20.6.4.900 NMAC are applicable to the designated uses ~~[listed above in Subsection A of this section.~~

~~(2) The monthly geometric mean of E. coli bacteria 126 cfu/100 mL or less; single sample 410 cfu/100 mL or less (see Subsection B of 20.6.4.14 NMAC)].~~

See section 20.6.4.101 NMAC for a discussion of the restructuring of section B. Criteria (1) and (2).

EPA Action: EPA approves the modifications to this segment.

20.6.4.128 RIO GRANDE BASIN - Ephemeral and intermittent portions of watercourses within lands managed by U.S. department of energy (DOE) within LANL, including but not limited to: Mortandad canyon, Cañada del Buey, Ancho canyon, Chaquehui canyon, Indio canyon, Fence canyon, Potrillo canyon and portions of Cañon de Valle, Los Alamos canyon, Sandia canyon, Pajarito canyon and Water canyon not specifically identified in 20.6.4.126 NMAC. (Surface waters within lands scheduled for transfer from DOE to tribal, state or local authorities are specifically excluded.)

A. Designated Uses: livestock watering, wildlife habitat, limited aquatic life and secondary contact.

B. Criteria:

~~[(1) The] the use-specific criteria in 20.6.4.900 NMAC~~~~[, except the chronic criteria for aquatic life]~~ are applicable ~~[for] to~~ the designated uses ~~[listed in Subsection A of this section]~~, except that the following segment-specific criteria apply: the acute total ammonia criteria set forth in Subsection K of 20.6.4.900 NMAC (salmonids absent).

~~[(2) The monthly geometric mean of E. coli bacteria 548 cfu/100 mL or less; single sample 2507 cfu/100 mL or less (see Subsection B of 20.6.4.14 NMAC).~~

~~[(3) The acute total ammonia criteria set forth in Subsection K of 20.6.4.900 NMAC (salmonids absent) are applicable to this use.]~~

In its 2005 action, New Mexico designated limited aquatic life and secondary contact uses for this segment. In 2006, EPA took no action on this new segment, noting that the State had not provided adequate support justifying the limited aquatic life or the secondary contact use designation. EPA noted that 40 CFR 131.6(b) and (f) requires the submission of supporting analyses and other general information that would assist EPA in determining the adequacy of standards that don't include uses specified in §101(a)(2)

of the Act. EPA noted that to comply with the regulation, New Mexico must submit a UAA to demonstrate why attaining the limited aquatic life and secondary contact recreation uses are not feasible based on one of the factors listed in 40 CFR 131.10(g).

Following that recommendation, NMED developed a UAA in August 2007, to support the limited aquatic life and secondary contact use designations for this segment. The State's UAA identified the streams included in this segment as ephemeral and intermittent. Given that these streams do not flow for varying periods throughout the year and the lack of upstream source populations, it is unlikely that this segment could support a higher use. EPA approved the limited aquatic life and secondary contact use designations for this segment on August 31, 2007.

See section **20.6.4.101 NMAC** for a discussion of the restructuring of section **B. Criteria (1) and (2)**.

EPA Action: EPA approves the modifications to this segment.

As required by 40 CFR 131.20(a), any segment with water quality standards that do not include the uses specified in section 101(a)(2) of the Act must be re-examined every three years to determine if any new information has become available. If such new information indicates that the uses specified in section 101(a)(2) of the Act are attainable, the State must revise its standards accordingly.

20.6.4.129 RIO GRANDE BASIN - Perennial reaches of the Rio Hondo.

A. Designated Uses: domestic water supply, high quality coldwater aquatic life, irrigation, livestock watering, wildlife habitat and [~~secondary~~] primary contact.

B. Criteria:

[~~————— (1) — In any single sample: specific conductance 400 μ mhos/cm or less, pH within the range of 6.6 to 8.8, total phosphorous (as P) less than 0.1 mg/L and temperature 20°C (68°F) or less. The~~] the use-specific numeric criteria set forth in 20.6.4.900 NMAC are applicable to the designated uses [listed above in Subsection A of this section], except that the following segment-specific criteria apply: specific conductance 400 μ S/cm or less and phosphorus (unfiltered sample) less than 0.1 mg/L.

[~~————— (2) — The monthly geometric mean of E. coli bacteria 126 cfu/100 mL or less; single sample 410 cfu/100 mL or less (see Subsection B of 20.6.4.14 NMAC).~~]

See section **20.6.4.7 A NMAC** for a discussion of abbreviations specific to conductance. See section **20.6.4.101 NMAC** for a discussion of the restructuring of section **B. Criteria (1) and (2)**.

EPA Action: EPA approves the modifications to this segment.

20.6.4.130 RIO GRANDE BASIN - The Rio Puerco from the Rio Grande upstream to Arroyo Chijuilla, excluding the reaches on Isleta, Laguna and