



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200  
DALLAS, TEXAS 75202 - 2733

SEP 23 2016

Mr. Butch Tongate, Cabinet Secretary  
New Mexico Environment Department  
P.O. Box 5469  
Santa Fe, NM 87502

RE: Approval of the *Total Maximum Daily Load for the Jemez River Watershed*

Dear Mr. Tongate:

The U.S. Environmental Protection Agency has received the New Mexico Surface Water Quality Bureau's request for EPA review and approval of the final document titled *Total Maximum Daily Load for the Jemez River Watershed* (henceforth, 'Final Report'). NMED electronically submitted the final document and submission letter to EPA on September 19, 2016. Along with the electronic submission, the official paper documents were mailed to EPA Region 6. The Final Report includes total maximum daily loads (TMDLs) for *E. coli*, total phosphorus, and total nitrogen.

Based on our review, we conclude that the TMDLs contained in the Final Report meet the requirements found in Section 303(d) of the Clean Water Act and the implementing regulations found at 40 CFR § 130.7. The EPA is pleased to approve the TMDLs contained in the Final Report as summarized in the enclosed table. The EPA also acknowledges that these TMDLs will be incorporated as updates to the State of New Mexico Water Quality Management Plan.

We appreciate the opportunity to work closely with the SWQB, and we commend you and your staff for the considerable effort that went into developing these TMDLs. If you would like to discuss these approvals, please contact me at (214) 665-7101 or Miranda Hodgkiss of my staff at (214) 665-7538.

Sincerely,

A handwritten signature in blue ink that reads "WK Honker".

William K. Honker, P.E.

Director

Water Division

Enclosure

cc: Shelly Lemon, NMED, Acting Surface  
Water Quality Bureau Chief

John Verheul, NMED  
Office of General Counsel

**Enclosure:** Summary Table for the *Total Maximum Daily Load for the Jemez River Watershed*

<b>Summar Table: TMDL Allocations</b>				
<b>Pollutant</b>	<b>TMDL</b>	<b>WLA</b>	<b>LA</b>	<b>MOS</b>
	<b>lbs/day (unless otherwise noted)</b>			
Clear Creek (Rio de las Vacas to San Gregorio Lake), 20.6.4.108, NM-2106.A_54				
<b><i>E. coli</i> (cfu/day)</b>	3.53x10 <sup>9</sup>	0	3.00x10 <sup>8</sup>	5.30x10 <sup>8</sup>
<b>Total phosphorus</b>	0.12	0	0.10	0.02
<b>Total nitrogen</b>	1.54	0	1.31	0.23
Clear Creek (San Gregorio Lake to headwaters), 20.6.4.108, NM-2106.A_55				
<b>Total phosphorus</b>	0.08	0	0.07	0.01
<b>Total nitrogen</b>	1.00	0	0.85	0.15
East Fork Jemez (VCNP to headwaters), 20.6.4.108, NM-2106.A_10				
<b>Total phosphorus</b>	0.14	0	0.11	0.02
<b>Total nitrogen</b>	1.69	0	1.44	0.25
Jaramillo Creek (East Fork Jemez to headwaters), 20.6.4.108, NM-2106.A_12				
<b>Total phosphorus</b>	0.08	0	0.07	0.01
<b>Total nitrogen</b>	1.04	0	0.89	0.16
Jemez River (Jemez Pueblo bnd to Rio Guadalupe), 20.6.4.107, NM-2105_71				
<b><i>E. coli</i> (cfu/day)</b>	3.46x10 <sup>10</sup>	4.78x10 <sup>7</sup>	3.11x10 <sup>10</sup>	3.46x10 <sup>9</sup>
Jemez River (Rio Guadalupe to Soda Dam nr Jemez Springs), 20.6.4.107, NM-2105.5_10				
<b><i>E. coli</i> (cfu/day)</b>	3.44x10 <sup>10</sup>	3.58x10 <sup>8</sup>	3.06x10 <sup>10</sup>	3.44x10 <sup>9</sup>
Jemez River (Soda Dam nr Jemez Springs to East Fork), 20.6.4.108, NM-2106.A_00				
<b><i>E. coli</i> (cfu/day)</b>	1.37x10 <sup>10</sup>	0	1.16x10 <sup>10</sup>	2.06x10 <sup>9</sup>
Jemez River (Zia Pueblo bnd to Jemez Pueblo bnd), 20.6.4.106, NM-2105_75				
<b><i>E. coli</i> (cfu/day)</b>	3.86x10 <sup>10</sup>	0	3.47x10 <sup>10</sup>	3.86x10 <sup>9</sup>
Rio Guadalupe (Jemez River to confl with Rio Cebolla), 20.6.4.108, NM-2106.A_30				
<b>Total phosphorus</b>	0.56	0	0.47	0.08
<b>Total nitrogen</b>	6.94	0	5.90	1.04