UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

SEP 3 2010

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SURFACE WATER QUALITY BUREAU

Ron Curry, Secretary
New Mexico Environment Department
P. O. Box 26110
Santa Fe, NM 87502

Dear Mr. ~~Curry~~: Ron

The Environmental Protection Agency (EPA) has received the final document entitled *Total Maximum Daily Load (TMDL) Report for the Cimarron River Watershed.* Based on our review, we conclude that the TMDLs listed below meet the requirements found in Section 303(d) of the Clean Water Act and the implementing regulations found at 40 CFR §130.7. EPA is pleased to approve the loadings contained in the TMDL for the water bodies listed below.

Water Body	Subsegment Number	Pollutants of Concern
Cieneguilla Creek	NM-2306.A_065	E. coli, Temperature, Total Phosphorus, and Total Nitrogen
Cimarron River	NM-2305.1A_10	Total Phosphorus and Total Nitrogen
Cimarron River	NM-2306.A_040	Arsenic and Temperature
Cimarron River	NM-2306.A_130	Arsenic, Total Phosphorus, and Total Nitrogen
Moreno Creek	NM-2306.A_060	Temperature, Total Phosphorus, and Total Nitrogen
North Ponil Creek	NM-2306.A_110	E. coli
Ponil Creek	NM-2306.A_100	E. coli
Ponil Creek	NM-2306.A_101	E. coli, Total Phosphorus, and Total Nitrogen
Rayado Creek	NM-2305.3.A_80	Total Phosphorus and Total Nitrogen
Rayado Creek	NM-2306.A_051	E. coli and Temperature

Sixmile Creek	NM-2306.A_064	E. coli, Temperature, Total Phosphorus, and Total Nitrogen
South Ponil Creek	NM-2306.A_120	Temperature
Ute Creek	NM-2306.A_068	Arsenic, E. coli, and Temperature

EPA also approves these loadings as updates to the State of New Mexico Water Quality Management Plan. Included in this TMDL submittal was a TMDL Implementation Plan. Presently, EPA has no duty to approve or disapprove implementation plans under Section 303(d) of the Clean Water Act (CWA). Therefore, EPA is taking no action to approve or disapprove the TMDL Implementation Plan submitted by NMED.

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 Linda Adams of my staff at (214) 665-6546.

Sincerely yours,

Miguel I. Flores
Director
Water Quality Protection Division

Enclosure

cc: Heidi Henderson, NMED
James Hogan, NMED (w/enclosure)

TMDL Loads And Concentrations

Waterbody	Segment	Pollutant	WLA	LA	MOS	TMDL	Target Concen.
Cieneguilla Creek	NM-2306.A_065	E. coli	2.39×10^9 cfu/day	6.21×10^8 cfu/day	3.34×10^8 cfu/day	3.34×10^9 cfu/day	126 cfu/mL
North Ponil Creek	NM-2306.A_110	E. coli	0	6.45×10^8 cfu/day	7.16×10^7 cfu/day	7.16×10^8 cfu/day	
Ponil Creek	NM-2306.A_101	E. coli	0	9.03×10^8 cfu/day	1.00×10^8 cfu/day	1.00×10^9 cfu/day	
Ponil Creek	NM-2306.A_100	E. coli	3.96×10^7 cfu/day	1.93×10^9 cfu/day	2.19×10^8 cfu/day	2.19×10^9 cfu/day	
Rayado Creek	NM-2306.A_051	E. coli	0	5.24×10^9 cfu/day	5.83×10^8 cfu/day	5.83×10^9 cfu/day	
Sixmile Creek	NM-2306.A_064	E. coli	0	4.73×10^8 cfu/day	5.25×10^7 cfu/day	5.25×10^8 cfu/day	
Ute Creek	NM-2306.A_068	E. coli	0	2.02×10^9 cfu/day	2.24×10^8 cfu/day	2.24×10^9 cfu/day	

Cimarron River	NM-2306.A_040	Arsenic	0	0.236 lbs/day	0.059 lbs/day	0.295 lbs/day	2.3 ug/L
Cimarron River	NM-2306.A_130	Arsenic	0	0.150 lbs/day	0.040 lbs/day	0.190 lbs/day	
Ute Creek	NM-2306.A_068	Arsenic	0	0.004 lbs/day	0.001 lbs/day	0.005 lbs/day	

Cieneguilla Creek	NM-2306.A_065	Temperature	0	131.79 $j/m^2/s/day$	14.64 $j/m^2/s/day$	146.43 $j/m^2/s/day$	20° C
Cimarron River	NM-2306.A_040	Temperature	0	104.70 $j/m^2/s/day$	11.63 $j/m^2/s/day$	116.33 $j/m^2/s/day$	
Moreno Creek	NM-2306.A_060	Temperature	0	97.35 $j/m^2/s/day$	10.82 $j/m^2/s/day$	108.16 $j/m^2/s/day$	
Rayado Creek	NM-2306.A_051	Temperature	0	143.96 $j/m^2/s/day$	16.00 $j/m^2/s/day$	159.96 $j/m^2/s/day$	
Sixmile Creek	NM-2306.A_064	Temperature	0	171.46 $j/m^2/s/day$	19.05 $j/m^2/s/day$	190.51 $j/m^2/s/day$	
South Ponil Creek	NM-2306.A_120	Temperature	0	143.09 $j/m^2/s/day$	15.90 $j/m^2/s/day$	158.99 $j/m^2/s/day$	
Ute Creek	NM-2306.A_068	Temperature	0	177.99 $j/m^2/s/day$	19.78 $j/m^2/s/day$	197.77 $j/m^2/s/day$	

Waterbody	Segment	Pollutant	WLA	LA	MOS	TMDL	Target Concen.
Cieneguilla Creek	NM-2306.A_065	Total Phosphorus	0.25 lbs/day	0.065 lbs/day	0.035 lbs/day	0.35 lbs/day	0.06 mg/L
Cimarron River	NM-2305.1.A_10	Total Phosphorus	0.075 lbs/day	0.051 lbs/day	0.014 lbs/day	0.14 lbs/day	0.03 mg/L
Cimarron River	NM-2306.A_130	Total Phosphorus	0	0.324 lbs/day	0.036 lbs/day	0.36 lbs/day	0.02 mg/L
Moreno Creek	NM-2306.A_060	Total Phosphorus	0	0.018 lbs/day	0.002 lbs/day	0.02 lbs/day	0.02 mg/L
Ponil Creek	NM-2306.A_101	Total Phosphorus	0	0.036 lbs/day	0.004 lbs/day	0.04 lbs/day	0.02 mg/L
Rayado Creek	NM-2305.3.A_80	Total Phosphorus	0	0.063 lbs/day	0.007 lbs/day	0.07 lbs/day	0.03 mg/L
Sixmile Creek	NM-2306.A_064	Total Phosphorus	0	0.018 lbs/day	0.002 lbs/day	0.02 lbs/day	0.02 mg/L
Cieneguilla Creek	NM-2306.A_065	Total Nitrogen	2.30 lbs/day	0.67 lbs/day	0.33 lbs/day	3.30 lbs/day	0.56 mg/L
Cimarron River	NM-2305.1.A_10	Total Nitrogen	1.10 lbs/day	0.79 lbs/day	0.21 lbs/day	2.10 lbs/day	0.45 mgL
Cimarron River	NM-2306.A_130	Total Nitrogen	0	3.96 lbs/day	0.44 lbs/day	4.4 lbs/day	0.25 mg/L
Moreno Creek	NM-2306.A_060	Total Nitrogen	0	0.225 lbs/day	0.025 lbs/day	0.25 lbs/day	0.25 mg/L
Ponil Creek	NM-2306.A_101	Total Nitrogen	0	0.396 lbs/day	0.044 lbs/day	0.44 lbs/day	0.25 mg/L
Rayado Creek	NM-2305.3.A_80	Total Nitrogen	0	0.918 lbs/day	0.102 lbs/day	1.02 lbs/day	0.45 mg/L
Sixmile Creek	NM-2306.A_064	Total Nitrogen	0	0.207 lbs/day	0.023 lbs/day	0.23 lbs/day	0.25 mg/L

Cimarron River Watershed ***Waste Loads and Concentrations***

Water body	Segment	Point Source Facility	NPDES #	Target Concen.	Permit Expires	NPDES Loads	Pollutant
Cieneguilla Creek	NM-2306.A_065	Village of Angel Fire WWTP	NM0030503	126 cfu/100mL.	10/31/2012	2.39×10^9 cfu/day	E. coli
Ponil Creek	NM-2306.A_100	Village of Cimarron WWTP	NM0031038	126 cfu/100mL.	9/30/2014	3.96×10^7 cfu/day	E. coli
Cieneguilla Creek	NM-2306.A_065	Village of Angel Fire WWTP	NM0030503	0.1 mg/L Phase 1	10/31/2012	0.42 lbs/day Phase 1	Total Phosphorus
				0.06 mg/L Ultimate		0.25 lbs/day Ultimate	
Cieneguilla Creek	NM-2306.A_065	Village of Angel Fire WWTP	NM0030503	3.0 mg/L Phase 1	10/31/2012	12.5 lbs/day Phase 1	Total Nitrogen
				0.56 mg/L Ultimate		2.3 lbs/day Ultimate	
Cimarron River	NM-2305.1.A_10	City of Springer WWTP	NM0030295	0.1 mg/L Phase 1	2/28/2013	0.25 lbs/day Phase 1	Total Phosphorus
				0.03 mg/L Ultimate		0.075 lbs/day Ultimate	
Cimarron River	NM-2305.1.A_10	City of Springer WWTP	NM0030295	3.0 mg/L Phase 1	2/28/2013	7.5 lbs/day Phase 1	Total Nitrogen
				0.45 mg/L Ultimate		1.1 lbs/day Ultimate	