

Summary of TMDL Approvals in Colorado

Number of 303(d)(1) TMDL's approved: 293

APPROVED POINT SOURCE TMDLs					
Waterbody Name	TMDL Parameter/ Pollutant	Section 303(d)(1) TMDL	Section 303(d)(3) TMDL	Point Source	Approval Date
Ryan Gulch (Trib to Big Thompson) COSPB04	Zn		X	HP Company Loveland CO0044300	11/12/96
South Platte River (Seg 2/ L. S. Platte River) COSPLS02	TRC ammonia		X X	Excel Corp. Ft. Morgan CO0044270	"
Dry Creek (Seg 4/ L. Colorado River) COLCLC04	Cr III Cr VI	X X		American Atlas #1 LTD CO0042447	"
Wetlands Trib to Roaring Fork River COUCRF03	Fecal Coli TRC Ammonia		X X X	Aspen Glen W & S District CO0044750	"
Leyden Creek (Seg 18a/Clear Creek/S. Platte) (Listed as "Barbara Gulch" on 1996 303(d) list) COSPL18A	ammonia boron chloride TRC cyanide fecal coli fluoride nitrate nitrite sulfate sulfide antimony arsenic barium beryllium cadmium chromium (tri) chromium (hex) copper iron lead manganese mercury		X X	Public Service Co. of Colorado; Leyden Gas Storage Plant CO0001279	12/03/96
Leyden Creek cont.	nickel radium 226+228 selenium silver thallium uranium zinc		X X X X X X X	Public Service Co. of Colorado; Leyden Gas Storage Plant CO0001279	12/03/96
Cripple Creek COARUA21 CO0024562	Mn Cd Cu Pb Zn Hg	X X X X X		Cripple Creek & Victor Gold Mining Company	12/11/96

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South Platte River COSPUS06L2	fecal Coli TRC ammonia nitrite As Cd Cr(III) Cr(VI) Cu CN Fe Pb Mn Hg Ni Se Ag Zn phosphorus	X X X X X X X	 X X X X X X X X X X X X X X X	Lockheed Martin CO0001511 Roxborough Park (only fecal coli, ammonia, TRC, P) CO0022942 CO0041645	12/11/96
Lightner Creek COSJAF14	fecal coli TRC ammonia	X X X		Joe & Cheryl Amorelli CO0026468	12/11/96
Clear Creek COSPCL11	ammonia fecal coli TRC Cu Pb Hg Ag	 X X	X X X X X	City of Idaho Springs CO0041068	12/11/96
Sand Creek COSPUS16 South Platte River COSPUS15	benzene	X		Chase Terminal Co. CO0043052 Conoco, Inc. CO0001147 Colorado Refining Co. CO0001210 Phillips Petroleum Co. CO0043362 Diamond Shamrock CO0043842 Chemical Sales Co.	12/11/96
Wetlands Trib to Roaring Fork River COUCRF03	fecal coli TRC ammonia	X X X		Aspen Glen W&S District CO0044750	12/11/96
West Fork of Clear Creek (Seg. 7) COSPCL07 Woods Creek (Seg. 5) COSPCL05	cadmium manganese zinc chromium VI copper iron lead mercury nickel silver chromium III uranium TRC	X X X X X X X X X X X X X X	 X X	Climax Molybdenum CO0041467	02/03/97

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Troublesome Creek** (Seg. 5) COSPBE05	cyanide TRC ammonia arsenic cadmium chromium III chromium VI copper iron lead manganese mercury nickel selenium silver zinc fecal coli	X	X X X X X X X X X X X X X X X X		West Jefferson County Metro Dist. CO0020915	02/03/97
Bear Creek` (Seg. 1a) COSPBE01A	fecal coli TRC ammonia mercury arsenic cadmium chromium III chromium VI copper iron lead manganese mercury nickel selenium silver zinc cyanide	X X X X	X X X X X X X X X X X X X X X X X		Evergreen Metro Dist. CO0031429 Kittredge San. and Water Dist. CO0023841 Genessee Water and San. Dist. CO0022951 West Jefferson County Metro Dist. CO0020915	02/03/97
Arkansas River (Seg. 3) COARUA03	fecal coli TRC ammonia cyanide mercury nickel selenium silver zinc		X X X X X X X X X	Salida CO0040339	02/03/97	
South Platte River (Seg. 1/ Lower S. Platte) COSPLS01	fecal coli TRC cyanide ammonia arsenic cadmium chromium III chromium VI copper iron lead manganese mercury nickel selenium silver zinc	X X X X	X X X X X X X X X X X X X X X X	Sterling CO0026247	02/03/97	
Boulder Creek` (Seg. 9) COSPBO09	manganese	X		Boulder CO0024147	02/03/97	

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Waterbody Name	TMDL Parameter/ Pollutant	Section 303(d)(1) TMDL	Section 303(d)(3) TMDL	Point Source	Approval Date	
Unnamed Tributary of Coal Creek (Seg. 15 and 16) COSPUS16	Arsenic(TR) Cadmium(PD) Chrom. III(TR) Chrom.VI (Total) Copper(PD) Iron(TR) Lead(PD) Manganese(TR) Mercury(Total) Selenium(PD) Zinc(PD) Benzene Trichloroethene Tetrachloroethene Naphthalene Nitrate Nitrite Sulfate		X X X X X X X X X X X X X X X X X		Bradley Environmental Services CO0045039	05/06/97
Fish Creek` (Seg. 13b of Yampa River) COUCYA13B	Iron (TR)	X		Seneca Coal Company CO0000221	06/02/97	
Little Thompson` (Seg. 9 of Big Thompson) COSPBT09	TRC ammonia fecal coli	X	X X	Town of Johnstown CO0021156	06/02/97	
Cripple Creek` (Seg. 21 of Upper Arkansas Sub-basin of Arkansas River) COARUA21	Cadmium Copper Iron Lead Zinc	X X X X X		Cresson Project (Cripple Creek & Victor Gold Mining Co) CO0045225	07/31/97	
Cherry Creek` (Segment 3, Cherry Creek Sub-basin of the South Platte) COSPCH03	Fecal Coliform TRC Total Ammonia Cyanide (WAD) Total Mercury Arsenic Cadmium Chromium (tri) Chromium (hex) Copper Iron Lead Manganese Nickel Selenium Silver Zinc	X X X X X	X X X X X X X X X X X X X X X X	City of Glendale WWTF CO0020095	07/31/97	
Lake Fork of the Gunnison River` (Segment 30 of the Upper Gunnison River Sub-basin of the Gunnison and Lower Dolores River Basins) COGUUG30	TRC Fecal Coliform Total Ammonia	X	X X	Lake City WWTF CO0040673	07/31/97	

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Waterbody Name	TMDL Parameter/ Pollutant	Section 303(d)(1) TMDL	Section 303(d)(3) TMDL	Point Source	Approval Date
Monument Creek (Segment 6 of Fountain Creek Sub- basin of the Arkansas River Basin) COARFO06 & 7	TRC Ammonia Fecal Coliform Cyanide(WAD) Arsenic Cadmium Chromium (tri) Chromium (hex) Copper Iron Lead Manganese Mercury Nickel Selenium Silver Zinc		X X X X X X X X X X X X X X X X	Tri-Lakes WWTF CO0020435	07/31/97
Clear Creek` (Seg. 15); Lena Gulch (Seg. 16); S. Boulder Diversion Conduit (Seg. 17) of Clear Creek Sub-basin COSPCL15,16 & 17	TRC	X		Denver Water-Moffat Water Treatment Plant CO0020524	08/20/97
Crystal River` (Seg. 8 or Roaring Fork) COUCRF08	TRC ammonia fecal coli		X X X	Redstone Water and Sanitation District CO0023922	08/20/97
Tenmile Creek` (Seg. 13, Blue River Subbasin, Upper Colorado River Basin) COUCBL13	Ammonia Boron (Total) TRC Free Cyanide Nitrite Sulfide Arsenic (PD) Cadmium (PD) Chromium +3 Chromium +6 Copper (PD) Iron (TR) Lead (PD) Manganese (TR) Mercury (Total) Nickel (PD) Selenium (PD) Silver (PD) Zinc (PD)	X X X X X X X	X X X X X X X X X X X X X X X X	Climax Mine (Outfall 001) CO0000248	09/30/97
Michigan River (Seg 5, of North Platte Basin) COUCNP05	Fecal Coliform TRC Total Ammonia		X X X	City of Walden WWTF CO0020788	09/30/97
Clear Creek`, (Segment 2 of Clear Creek Sub-Basin of S. Platte River Basin) COSPCL02	TRC Fecal Coliform Total Ammonia	X X	 X	Georgetown WWTF CO0027961	09/30/97
Coon Trail Creek` (Segment 3; Boulder Creek) COSPBO03	Cadmium (PD) Copper (PD) Lead (PD) Mercury (total) Silver (PD) Zinc (PD)	X X X X X X		Hendricks Mining Co.; Cross and Caribou Mines CO0032751	09/30/97
South Platte River` (Segment 1) COSPLS01	Ammonia	X		Sterling WWTF CO0026247	09/30/97

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Alamosa River* (Segment 3b of Alamosa River/La Jara Creek/Conejos River sub-basin of the Rio Grande River Basin) CORGRG03B	Arsenic Cadmium Trivalent Cr Hexavalent Cr Lead Manganese Total Mercury Nickel Silver	X X X X	X X X X X	Miser Mine CO0045101	11/05/97
South Platte* (Seg. 1a, Bear Creek sub-basin) COSPBE1A	Ammonia TRC Fecal Col.		X X X	West/Brandt Foundation; Singing River Ranch (Discharge to Big Bear Fish Pond No. 2) CO0035791	11/05/97
Coal Creek Seg.4 of L.Colorado River* (Seg. 2) COLCLC02	Iron (TR)		X	Powderhorn Coal Company CO0027146	01/06/98
Arkansas River* (Segment 1) COARLA01	Fecal Col. TRC Ammonia	X	X X	Town of Fowler CO0021571	01/06/98
North Fork Gunnison River (Seg. 2) COGUNF02 and Minnesota Creek (Seg. 5) COGUNF05	Iron (TR)		X	Mountain Coal Company (West Elk Coal Mine) CO0038776	01/06/98
Trout Creek* (Seg. 13c) COUCYA13C	Arsenic (TR) Cadmium (PD) Copper (PD) Lead (PD) Silver (PD) Zinc (PD) Iron (TR & PD) Nickel (PD) Selenium (TR) Sulfate (PD) Manganese (PD) Mercury (T)	X X X X X X X X X X X	X X X X X X X X X X X	Pittsburg and Midway Coal Mining Company (Edna Mine) CO0032638	01/06/98
Eaton Draw (Segment 13) COSPCP13	Fecal Coliform		X	Eaton WWTF CO0023116	01/06/98
South Platte River* (Segment 15) COSPUS15	Selenium (T) MTBE	X X		Conoco, Inc. (Co. Refining, Inc. & Metro Denver included in TMDL) CO0001147	01/06/98
Little Thompson River* (Segment 9) COSPBT09	Ammonia Fecal Coliform TRC		X X X	Riverglen Homeowners Association CO0029742	01/06/98
Clear Creek* (Segment 15) COSPCP15	Iron (TR) Manganese (D)	X X		Western Mobile Denver, Inc. CO0001627	01/06/98
San Juan River* COSJSJ06A	TRC Fecal Coliform	X	X	Pagosa Springs WWTF CO00222845	03/24/98
Oxbow Lake, Seg. 6 of St. Vrain River COSPSV06	Fecal Coliform	X		St. Vrain WWTF CO0041700	03/24/98

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Dolores River* (Segment 4) COSJDO04	TRC Fecal Coliform Ammonia		X X X	Thomas E. and Sharen E. Kurpius RV Park CO0042561	06/05/98
S. Saint Vrain Creek (Segment 2) COSPSV02	TRC Fecal Coliform Ammonia	X X	X	7th Day Adventist Assoc. of Colorado CO0030112	06/05/98
Goose Creek (Segment 4 of the Upper S. Platte River Basin)	TRC Fecal Coliform Ammonia	X X	X	Lost Valley Ranch Corp. CO0027219	08/28/98
Colorado River (Segment 3 of the Upper Colorado River Sub-basin)	TRC Fecal Coliform Ammonia		X X X	Hot Sulphur Springs CO0024350	08/28/98
Crowley Drain Canal (Segment 2 Lower Arkansas River)	Fecal Coliform	X		Town of Crowley CO0041599	08/28/98
Hanging Bridge Gulch (Segment 14 of the Upper Arkansas River Sub-basin)	Fecal Coliform	X		Royal Gorge Company of Colorado CO0029033	08/28/98
Wisp Creek (Segment 4 Upper South Platte River)	TRC Fecal Coliform Ammonia	X X X		Will-O-Wisp Metropolitan District CO0041521	08/28/98
Boxelder Creek	Fecal Coliform	X		Town of Wellington CO-0021032	01/24/99
Eagle River*	Ammonia TRC Fecal Coliform Mercury Silver	X X X X X		Eagle River Water & Sanitation District CO-0024431	01/24/99
Eagle River*	TRC Fecal Coliform		X X	Town of Eagle CO-0021059	01/24/99
East River	Ammonia TRC Fecal Coliform	X X	X	East River Regional Sanitation District CO-0040720	01/24/99
Gooseberry Gulch	Fecal Coliform	X		Mountain Water and Sanitation District CO-0022730	01/24/99
Marcy Gulch / South Platte*	Ammonia Fecal Coliform TRC Silver Mercury Copper Manganese	X X X X X X X		Centennial Water and Sanitation District CO-0037966	01/24/99
Middle Boulder Creek	Ammonia TRC Fecal Coliform	X X	X	Town of Nederland CO-0020222	01/24/99
Middle Fork of South Platte*	Ammonia TRC Fecal Coliform	X X X		Town of Alma CO-0035769	01/24/99
Muddy Creek	Ammonia TRC Fecal Coliform	X X	X	Kremmling CO-0021636	01/24/99

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Slate River*	Ammonia TRC Fecal Coliform	X X X		Town of Crested Butte CO-0020443	01/24/99
Woods Creek / Washington Gulch	Ammonia TRC Fecal Coliform	X X X		Mount Crested Butte Water & San. District CO-0027171	01/24/99
Yampa River	TRC Fecal Coliform		X X	Town of Yampa CO-0030635	01/24/99
Fountain Creek / Arkansas River	Ammonia Fecal Coliform TRC Cyanide	X X X X		City of Colorado Springs Utilities CO-0026735	03/10/99
Cache La Poudre River*	Ammonia Chromium Copper Silver Zinc	X X X X X		Eastman-Kodak Company (Windsor WWTP) CO-0032158	03/10/99
North Turkey Creek	Ammonia TRC Fecal Coliform	X X X		Conifer Sanitation Association CO-0040096	06/29/99
Arkansas River*	Fecal Coliform TRC	X	X	North La Junta Sanitation District CO-0039519	09/23/99
Middle Fork of the South Platte River*	Fecal Coliform TRC Ammonia	X X	X	Fairplay Sanitation District CO-0040088	09/27/99
Blue River*	Fecal Coliform Zinc TRC	X X X		Breckenridge Sanitation District Iowa Hill WWTF CO-0045420	11/19/99
Hartman Draw /McElmo Creek	Ammonia	X		Cortez Sanitation District North CO0020125	11/19/99
Yampa River*	TRC		X	Steamboat Health and Recreation Center CO0032280	11/19/99
South Boulder Creek*	Fecal Coliform TRC Ammonia	X X	X	Keith Cowan DBA San Souci Mobile Home Park CO0020061	02/29/00
Plateau Creek*	Fecal Coliform TRC Ammonia	Xa Xa	X	Town of Colbran CO-0040487	04/12/00
Culebra Creek*	Fecal Coliform TRC Ammonia	Xa Xa	X	Costilla County Water & Sanitation District CO-0036528	04/12/00
Arkansas River*	Fecal Coliform TRC	X X		Las Animas WWTP CO-0040690	05/12/00
Cache La Poudre River* Seg. 11a	Fecal Coliform TRC	X X		City of Fort Collins - Mulberry Facility CO-0026425	05/12/00
Cache La Poudre River* Seg. 11b	Fecal Coliform TRC	X X		City of Fort Collins - Drake Facility CO-0026425	05/12/00
Eagle River*	Fecal Coliform TRC Mercury Ammonia	X Xa X X		Eagle River Water & Sanitation District CO-0040690	05/12/00
Fraser River* COUCUC10	Fecal Coliform TRC Ammonia	X X X		Tabernash Meadows CO-0045501	07/06/00

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Fraser River* COUCUC10	Fecal Coliform TRC Ammonia	X X X		Winter Park Water & Sanitation District CO-0026051	07/06/2000
Fraser River* COUCUC10	Fecal Coliform TRC Mercury Silver Ammonia	X X _a X X X		Fraser Sanitation District CO-0040142	"
Stagecoach Reservoir* COUCYA02BL	Fecal Coliform TRC Ammonia	X X X		Morrison Creek Metropolitan Water and Sanitation District CO-00229696	"
Willow Creek* CORGR07	Fecal Coliform TRC	X	X	City of Creede Wastewater Treatment Plant CO-0040533	"
South Platte River* COSPUS15	Dissolved Oxygen	X		Metro District South Adams County W&SD City of Brighton	07/30/2000
Unnamed Tributary to Willow Creek* COUCUC06C	Ammonia	X		Three Lakes Water & Sanitation District CO-0037681	"
West Dolores River	Arsenic (diss) Iron (diss) Iron (TR) Zinc (PD)	X X X X		Lucas Property Holdings, Inc. Emma Mine CO-0045756	08/07/00
Westerly Creek/ Sand Creek	Tetrachloroethene Trichloroethene MTBE 1,2-Dichloroethane	X X X X		Mobile Environmental Analytical, Inc. CO-0045772	"
Purgatoire River and tributaries	Iron(diss) Iron(TR) Lead(diss) Manganese (diss)	X X X X		KLT Gas, Inc. Raton Basin Project CO-0042978	"
Rio Grande River	Fecal Coliform	X		City of Monte Vista - Henderson Facility CO-0023132	08/14/2000
Rio Grande River	Fecal Coliform TRC Ammonia	X X X		City of Monte Vista - Veterans Center Facility CO-0036927	"
Purgatoire River* COARLa07	Fecal Coliform TRC Ammonia	X X X		City of Trinidad Sanitation District CO-0031232	08/14/2000
Cache La Poudre River* COSPCP12	Fecal Coliform TRC Ammonia		X X	Western Sugar Company - Greeley CO-0041360	"
San Miguel River COGUSM05	Fecal Coliform TRC	X _a X _a		Town Of Naturita CO-0024007	"
Bear Creek* / West Plum Creek COSPUS11b	Fecal Coliform TRC Ammonia	X X X		Perry Park Water and Sanitation, Waucondah WTP CO-0022551	"
Fraser River* COUCUC10	Fecal Coliform TRC Ammonia	X X X		Granby Sanitation District CO-0020699	"
Cache La Poudre River* COSPCP12	Fecal Coliform TRC Ammonia	X X X		City of Greeley CO-0040258	08/16/2000
Box Elder Creek/ Poudre River	Fecal Coliform TRC	X X		Box Elder Sanitation District CO-0020478	"

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Animas River* COSJAF03b	Fecal Coliform TRC TRC	X	X X	Town of Silverton WWTP CO-0020311	08/31/00
Gunnison River* COGUUG14	Ammonia	X		City of Gunnison WWTP CO-0041530	11/28/00
Animas River* COSJAF5A	Fecal Coliform TRC Ammonia	X _a X _a X _a		City of Durango CO-0024082	"
Big Beaver Creek/ Mesa Creek COLCLC15	Fecal Coliform TRC	X _a X _a		Powderhorn Metropolitan District #2 WWTP CO-0023485	"
South Platte River* COSPLS01	Fecal Coliform TRC Ammonia	X X	X	Town of Julesburg CO-0021113	"
Stevens Draw*/ Stollsteimer Creek COSJP106A	Fecal Coliform	X		Pagosa Area Water and Sanitation District- Vista WWTF CO-0031755	"
Coal Creek* COGUUG12	Copper Lead Zinc	X _a X _a X _a		Cyprus Climax Mine CO-0035394	11/28/00
North Clear Creek* COSPCL13	Fecal Coliform TRC Ammonia	X X X		Black Hawk/Central City Sanitation District CO-0023949	01/08/2001
South Platte River* COSPMS01	Fecal Coliform TRC Copper, PD	X X	X	City of Fort Lupton CO-0021440	"
Rito Seco	Aluminum, PD Arsenic Cadmium, PD Copper, PD Iron, Diss. Iron, TR Lead, PD Manganese, Diss Manganese, TR Total Radium Selenium, Total Silver, PD Uranium, Total Zinc, PDI Fluoride Sulfate	X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a X _a		Battle Mountain Gold Company, San Luis CO-0045675	01/08/2001
Blue River	Fecal Coliform TRC Ammonia	X _a X _a X _a		Silverthorne/Dillon Joint Authority, Blue River WWTF CO-0020826	Jan. 22, 2001
Trout Creek* COUCYA13C	Iron (PD) Iron (TR) Manganese Mercury Sulfate	X X X X X		Pittsburg and Midway Mining Company Permit#CO-0032638	Jan. 22, 2001(2)
Gore Creek COUCEA08	Fecal Coliform TRC Ammonia Copper, PD Lead, PD Mercury, TR Silver, PD	X X _a X _a X X X _a X		Eagle River Water & Sanitation District CO-0021369	Jan. 22, 2001(3)
Roaring Fork River* COUCRF03	Fecal Coliform TRC Ammonia	X _a X _a X _a		Aspen Consolidated Sanitation District CO-0026837	" (3)

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California Gulch*/ Arkansas River*	Fecal Coliform TRC Ammonia	X _a X _a X _a		Leadville Sanitation District CO-0021164	" (3)

Approval - Nonpoint Source

Waterbody Name	TMDL Parameter/ Pollutant	Water Quality Goal/Endpoint	TMDL	Reference Document(s)	Approval Date
Cherry Creek Reservoir COSPCH02 33a/33b	total phosphorus	15 µg/l chlorophyll <u>a</u> as an inlake concentration	14,270 lbs total phosphorus per year	Cherry Creek Basin Control Regulation (9/95); Cherry Creek Basin Master Plan; Cherry Creek Clean Lakes Study	July 24, 1997
Chatfield Reservoir COSPUS06LZ 34a/34b	total phosphorus	27 µg/l total phosphorus as an inlake concentration	59,000 lbs total phosphorus per year	Chatfield Reservoir Control Regulation (10/96); Chatfield Clean Lakes Study	*
Bear Creek Lake COSPBE01C 35a/35b	total phosphorus	Trophic state mesotrophic/eutrophic from current condition of eutrophic/hyertrophic	70% reduction in total phosphorus loading	Bear Creek Watershed Control Regulation (5/96); Bear Creek Clean Lakes Study	*
Dillon Reservoir COUCBL03L1 36a/36b	total phosphorus	7.4 µg/l total phosphorus as a depth integrated value in the top 15 meters during the growing season	10,162 lbs total phosphorus per year	Dillon Reservoir Control Regulation (6/96); Dillon Reservoir Clean Lakes Study	*

Chatfield Reservoir COSPUS06LZ	phosphorus	27 µg/l total phosphorus as an inflake concentration	59,000 lbs total phosphorus per year	<ul style="list-style-type: none"> •Colorado Dept of Public Health & Env.; Water Quality Control Commission; Regulation No. 73; Chatfield Reservoir Control Regulation (Amended 8/09/99, Eff. 09/30/99) •Chatfield Watershed & Reservoir: 1986-1995 Historical Data Analysis and Monitoring Program Review; DRCOG (July 1997) •Nonpoint Source Management Plan for Chatfield Reservoir, CO; Woodward-Clyde Cons. (09/92) •Chatfield Reservoir Clean Lakes Study; DRCOG (04/84) 	October 19, 1999
Straight Creek* COUCBL18	Sediment	<ul style="list-style-type: none"> ■ minimum substrate d₅₀ (median particle size of 60 mm ■ maximum stream pool V* of 0.15 ■ Stable stream morphology ■ five age classes of brook trout 	<ul style="list-style-type: none"> ■ 25% reduction in annual traction sand ■ revegetation of 70% of cut and fill slopes to 70% potential cover 	<ul style="list-style-type: none"> ■ Total Maximum Daily Load Assessment; Straight Creek; Summit County, Colorado; June 2000 (CHPHE/WQCC) ■ Provisional Implementation Guidance for Determining Sediment Deposition Impacts to Aquatic Life in Streams and Rivers; 1998 (CDPHE/WQCC) 	August 11, 2000
Mosquito Creek* COSPUS02b	Zinc Cadmium Lead	<ul style="list-style-type: none"> ■ Zinc = 110 ug/l (chronic, seg. 2b) ■ cadmium = 1.33 ug/l (chronic) ■ Lead = 5.22 ug/l (chronic) 	<ul style="list-style-type: none"> ■ TMDLs are expressed in pounds per day (30 day average) for zinc, cadmium, manganese, and iron. TMDLs are expressed for each month of the year reflecting seasonal conditions. (See Table 9 in the State's TMDL Assessment for actual TMDL values). 	<ul style="list-style-type: none"> ■ Total Maximum Daily Load Assessment; Mosquito Creek; Park County, Colorado; June 12, 2000 (CDPHE/WQCC) 	"
Waterbody Name	TMDL Parameter / Pollutant	Water Quality Goal/Endpoint	TMDL	Reference Document(s)	Approval Date
South Mosquito Creek* COSPUS02c	Zinc Cadmium Iron Manganese	<ul style="list-style-type: none"> #Zinc = 250 ug/l (chronic) #cadmium = 1.31 ug/l (chronic) #Iron = 300 ug/l (chronic, diss) 1000 ug/l (acute, TR) #Manganese= 50 ug/l (chronic, diss) 1000 ug/l (chronic,TR) 			
San Miguel River	Sediment	<ul style="list-style-type: none"> # achieve narrative standard regarding settleable substances as a result of 30% reduction in sediment from early spring runoff; # return the River from non-supporting to supporting in terms of aquatic life habitat. 	#14 kg/day (annual average)	#Total Maximum Daily Load Assessment; San Miguel River Segment 3b; Sediment; San Miguel County, Colorado; June 15, 2000. (CDPHE/WQCC)	August 11, 2000

Box Canyon Creek*	Sediment	<p># benthic sediment <25% fines (<8mm diameter)</p> <p># macroinvertebrate community metric of EPT:C of >0.5</p>	<p>■ 74% reduction in roads and in road density to 1.8 mi/mi² as well as other reductions due to road and grazing water quality practices (approximates 75% reduction in long term yield to significant source)</p>	<p>#TMDL Assessment; Box Canyon Creek, Montezuma County, Colorado; June 2000 (CDPHE/WQCC).</p> <p>#Protocol for Developing Sediment TMDLs (1st ed); EPA 841-B-99-004; Oct. 1999</p> <p>#EA for Lucy Timber Sale and Box Canyon Watershed Restoration; USDA Forest Service, Region 2, San Juan & Rio Grande National Forests, Mancos-Dolores Ranger District, Montezuma County, Colorado, August 1999</p> <p>#"Provisional Implementation Guidance for Determining Sediment Deposition Impacts to Aquatic Life in Streams and Rivers" CDPHE/WQCD; June 1998</p>	August 30, 2000
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* These waterbodies are currently on or have been on the State's Section 303(d) waterbody list. The TMDLs associated with these waters are considered Section 303(d)(1) TMDLs. All others are considered Section 303(d)(3) TMDLs since the waters were not on the State's waterbody list.