

Colorado Fish Tissue Study

5-Year Monitoring Plan

Lakes - Reservoirs - Rivers

2003-2004	Acreage/Miles	2004-2005	Acreage/Miles	2005-2006	Acreage/Miles	2006-2007	Acreage/Miles
Barr Lake	1900 a	Brush Hollow Res.(Co. Springs)	200 a	Blue Mesa Res.	9,000 a	Big Creek Ls.	450 a
Berkeley L.		Chatfield Res.	1,150 a	Bonny Res./Bonny Ponds	1,900 a	Big Thompson R.	20 mi.
Confluence L.		Continental Reservoir		Boulder Res.	600 a	Cache la Poudre R.	70 mi.
McPhee Reservoir	4470 a	Groundhog Res.	670 a	Crawford Res.	500 a	Chambers/Barnes Meadows Ls.	360 a
Rocky Mountain L.		John Martin R.	13,073 a	Flagger Res.	130 a	Cochetopa/Los Pinos Creek	12 mi.
Sanchez Res.	2,000 a	Monument Lake	50 a (approx.)	Grand Mesa Res.	840 a	Cowdrey L.	80 a
Sloan L.		Mower Lake		Granby/Shadow Mnt. Ls.	8,500 a	Delaney Butte Ls.	420 a
Sweitzer L.		Narraguinnep Res.		Hasty Lake		Dolores R. below McPhee	15 mi.
Vallecito Res.	2,700 a	North Lake	50 a (approx.)	HighLine Lake (GJ)		Dowdy/Parvin/West Ls.	210 a
		Pueblo Res.	3,000 a	Holbrook L./High Waterline/Dye Res.	400 a	Emerald Lakes	280 a
		Ridgway Res.	500 a (approx.)	Hollenbeck Res.	60 a	Empire Res.	
		Silver Jack Res.	500 a (approx.)	Horseshoe Lake	160 a	Honholz Ls.	85 a
		Totten Res.	250 a	Jackson Res.	2,900 a	Jackson Res.	
		Trinidad Res.		Jumbo Res.	1580 a	Lake Avery	264 a
				Lake Henry (+little one on the west)	1120 a	Lake John	565 a
				Lake Meredith	3,700 a	Los Pinos R.	20 mi.
				Martin Lake	206 a	Lower Dolores R. (warm)	30 mi.
				Mountain Home Reservoir		Model Reservoir	
				Navajo Res.	3,600 a	Montgomery Res.	100 a
				Nee Gronda R.	3,400 a	Riverside Res.	
				Nee Noshe R.	3696 a	Seven Lakes Reservoir	
				Prewitt Res.	2,430 a	St. Vrain R.	20 mi.
				Queens R.	1,900 a	Stalker Lake	
				Santa Maria Reservoir		South Platte R.	20 mi.
				Smith Res.	700 a	Summit Res.	402 a
				Sterling Res.	2,880 a	Taylor Park Res.	2,000 a
						Trappers L.	200 a
						White R.	4 mi.

Comments:

From the *Status of Water Quality in Colorado, 2002, Colorado Atlas*

Total Number of River Miles: 107,403

Estimated Acreage of Lakes/Reservoirs/Ponds: 164,029 (lakes and reservoirs greater than 10 acres, ReachFile 3)

From Colorado DOW Fishing Map. DOW identified and created a map with the major fishing locations in the state where the public is likely to go fishing.

DOW identified 628 miles of rivers, which include cold and warm water fisheries. This study will address 0.6% of the rivers and streams in Colorado, but 100% of the rivers and streams identified by the DOW.

Colorado DOW Fishing Map identified 59,097 acres of lakes and reservoirs (cold water fisheries) and 74,482 acres of lakes and reservoirs (warm water fisheries).

Thus, this study will address 81.43% of lakes and reservoirs in Colorado, 100% of the cold water fisheries lakes and reservoirs and 97.3% of the warm water fisheries lakes and reservoirs.

Potential Cost of the Study, assuming 10 lakes sampled per year = \$41,327.00

Hg sampling = 10 waterbodies x 22 samples per waterbody x \$39.25 = \$8,635.00

As or Se sampling = 10 waterbodies x 22 samples per waterbody x \$31.60 = \$6,952.00

Volatiles + Semi-Volatile Organics + Pesticides sampling = 5 waterbodies x 22 samples per waterbody x \$234.00 = \$25,740.00

2007-2008	Acreage/Miles	2008-2009	Acreage/Miles	2009-2010	Acreage/Miles
Adobe Creek R.	5,000 a	Barbour Ponds		Animas R.	5 mi.
Antero Res.	2,500 a	Bear Creek Reservoir		Arkansas R.	100 mi.
Blue R.	30 mi.	Big Thompson Ponds		Beaver Creek Res.	115 a
Chicago Cr. and L.	15 mi.	Boedecker Res.	380 a	Cave Lake Reservoir	
Clear Cr. Res.	407 a	Boyd L.	1,674 a	Conejos R.	20 mi.
Colorado R. (cold)	30 mi.	Calkins Lake		Cucharas Res.	
Derby Lake		Carter Res.	200 a	DeWeese Res.	240 a
Eagle R.	12 mi.	Colorado R. (warm)	35 mi.	Dome Lakes	92 a
Eleven Mile Res.	3,000 a	Comanche Ponds		Echo Canyon Res.	118 a
Gross Res.	413 a	Dillon Res.	3,200 a	Gould Res.	
Gunnison R.	26 mi.	Frying Pan R.	7 mi.	Head Lake	
High Water Line (Ramah)		Green Mountain Res.		Huerfano R.	10 mi.
Horse Creek R.	2,636 a	Horsetooth R.	1,800 a	La Jara Res.	1,375 a
Hugo SWA Ponds	20 a	Lonetree Res.	502 a	Lake Minnequa	
Kawal Res.	24 a	Long Lagler Reservoir		Lake San Cristobal	350 a
Kinney Res.		Lower Dolores R. (warm)	30 mi.	Lemon Res.	
Marston Lake		MacMesa Res.	20 a	Miramonte Res.	420 a
NeeSkah Res.		Overland Res.		Platoro Res.	700 a
Prospect Res.		Rifle Gap R.	300 a	Rampart Res.	500 a
Quincy Reservoir		Rio Blanco Lake		Rio Grande	2 mi.
Ramah Res.	75 a	Ruedi Res.	1,000 a	Rio Grande Res.	1,500 a
Roaring Fork R.	60 mi.	Seely Lake		San Isabel Res.	
Rosener Res.		Stagecoach Res.		San Luis Lake	
Spinney Mnt. Res.	2,000 a	Steamboat/Pearl Ls.	1,150 a	Skaguay Res.	114 a
Tarryall Res.	180 a	Two Buttes Res.		St. Charles Res. #2 and #3	
Taylor R.	15 mi.	Vega Res.	300 a	Standley Res.	1,250 a
Turquoise L.	1,650 a	Williams Fork Res.	1,810 a	Williams Creek Res.	340 a
Twin Ls.	2,700 a	Yampa R.	60 mi.		

