

APPENDIX B

Waterbody Reassessment Schedule

The 1997 amendments to Montana Water quality law directed DEQ to reassess all of the waterbodies included on the existing 303(d) List and to remove from the List “any waterbody that lacks sufficient credible data to support its listing.” The 1997 law also requires that,

If the department removes a water body because there is a lack of sufficient credible data to support the listing, the department shall monitor and assess that water body during the next field season or as soon as possible thereafter to determine whether it is a threatened water body or an impaired water body. [75-5-702(6) MCA]

The assessments conducted during the current reassessment cycle have identified about 480 waterbodies for removal from the 303(d) List because there is not sufficient credible data to support their listing (see Chapter 3, Table 3-E). The effort required to gather sufficient credible data to make valid beneficial use support determinations for this number of waterbody segments is far beyond what can be accomplished in a single field season with the resources available to the DEQ Monitoring and Data Management Bureau. For this reason, the Bureau developed and published as Appendix B of the Draft 303(d) List a reassessment schedule for the 2000 and 2001 field seasons. This appendix warned that the proposed schedule was "very tentative," and subject to revision in response to a number of factors which could not be anticipated with any certainty.

This warning was fully justified. Drought conditions, fire closures, and substantial work load shifts caused major changes in the draft schedule. However, substantial reassessment progress was made. Reassessments were completed for 32 waters identified on the Draft 303(d) List as lacking sufficient credible data to support beneficial use determinations. Three of these waters were found to fully support all applicable beneficial uses while the remainder were found to be impaired for one or more uses (See Table B-1). Field monitoring was done on an additional 33 waters from the draft reassessment listing. Samples collected have been sent to contract laboratories for analysis, and assessments of these waters will be completed once the results are received (See Table B-2).

The final table in this appendix (Table B-3) lists the waterbody segments tentatively identified for reassessment during the 2001 field season. As before, this schedule is preliminary and subject to change by a number of factors. Because it is expected that a new reassessment schedule will be part of the 2002 303(d) List, no attempt has been made to project a schedule beyond the 2001 field season.

Monitoring to support TMDL plan development will be a major factor affecting efforts to accomplish reassessment monitoring. Often data sufficient to identify a waterbody as being impaired will not be adequate to support the development of a TMDL plan. The work of collecting the additional data required for planning will sometimes be done by other agencies or by outside contractors, but some of it will be conducted by the Monitoring and Data Management Bureau. Because meeting commitments for TMDL plan completion will depend on the timely collection of the necessary data, TMDL work generally will take priority over reassessment monitoring.

Table B - 1. Reassessments Completed 2000 Field Season

WATERSHED	SEGMENT NAME - Description	HUC #	ID Number	SIZE	Units	Use Support						
						Aqua Life	Cold Fish	Warm Fish	Drinking	Swim (Rec)	Agriculture	Industry
UPPER MISSOURI BASIN												
BEAVERHEAD	FRENCH CREEK from headwaters to mouth (Rattlesnake Cr-Beaverhead R)	10020002	MT41B002_100	6.5	Mi	N	N		X	X	X	X
BIG HOLE	ROCHESTER CREEK from headwaters to mouth T3S R7W	10020004	MT41D002_160	15.7	Mi	X	X		N	X	X	X
BIG HOLE	DOOLITTLE CR tributary to the Big Hole R T1S, R14W	10020004	MT41D004_220	4.9	Mi	N	N		X	X	X	X
UPPER MISSOURI	HELLGATE GULCH from headwaters to the mouth (Canyon Ferry Res)	10030101	MT41I002_090	11.5	Mi	N	N		N	X	F	F
UPPER MISSOURI	HOLTER LAKE (Missouri R Mainstem Reservoir.)	10030101	MT41I007_020	5500	Ac	F	F		X	P	X	F
SMITH	SMITH RIVER NORTH FORK from headwaters to Lake Sutherlin	10030103	MT41J002_012	13.5	Mi	F	F		F	F	F	F
TETON	PRIEST BUTTE LAKE	10030205	MT41O004_020	300	Ac	N		N	X	X	X	X
LOWER MISSOURI BASIN												
JUDITH	WARM SPRING CREEK from 5 miles above mouth to mouth (Judith R)	10040103	MT41S002_030	5	Mi	P		P		X		
FORT PECK RESERVOIR	ARMELLS CREEK, Headwaters to Deer Cr	10040104	MT40E002_022	13.4	Mi	N	N		N	X		
FORT PECK RESERVOIR	RUBY CREEK, 1 mi below Zortman (Alder & Ruby Gulch junction) to mouth at CK Cr.	10040104	MT40E002_060	4.2	Mi	N		X		X		
BOX ELDER	CHICAGO GULCH, Headwaters to the mouth (Fords Cr)	10040204	MT40B002_020	3.1	Mi	P		X		X		
MIDDLE MILK	MILK RIVER, from Fresno Dam to Whitewater Cr	10050004	MT40J001_010	270.4	Mi	X		X	N	X	F	F
MIDDLE MILK	MILK RIVER, Whitewater Cr to Beaver Cr	10050004	MT40J001_020	38.2	Mi	X		X	N	X	F	F
REDWATER	REDWATER RIVER from headwaters to Hell Cr.	10060002	MT40P001_011	50.5	Mi	F		F		F		
REDWATER	REDWATER RIVER from Buffalo Springs Cr. to Pasture Cr.	10060002	MT40P001_013	48.9	Mi	F		F		F		
COLUMBIA BASIN												
UPPER KOOTENAI	LIBBY CREEK, from the highway 2 bridge to the mouth (Kootenai R)	17010101	MT76D002_062	15.2	Mi	P	P		X	X	F	F
FLINT-ROCK	UPPER WILLOW CREEK from headwaters to the mouth (Rock Cr)	17010202	MT76E002_040	19.4	Mi	P	P		X	P	F	F
FLINT-ROCK	SOUTH FORK LOWER WILLOW CREEK, Headwaters to mouth (Flint Cr)	17010202	MT76E003_050	12.5	Mi	N	N		N	X	F	F
FLINT-ROCK	WALLACE CREEK Headwaters to mouth (Clark Fork R)	17010202	MT76E004_010	3.8	Mi	P	P		F	X	F	F
MIDDLE CLARK FORK	TAMARACK CREEK, Headwaters to the mouth (Clark Fork R)	17010204	MT76M002_010	8.7	Mi	X	P		X	X	X	X
MIDDLE CLARK FORK	TROUT CREEK from headwaters to the mouth (Clark Fork R)	17010204	MT76M002_050	14.7	Mi	X	P		X	X	F	F
MIDDLE CLARK FORK	FISH CREEK from West and South Forks to the mouth (Clark Fork R)	17010204	MT76M002_060	9.1	Mi	F	P		X	F	F	F
MIDDLE CLARK FORK	PETTY CREEK from headwaters to the mouth (Clark Fork R)	17010204	MT76M002_090	11.6	Mi	P	P		X	P	X	X
BITTERROOT	LAIRD CREEK tributary to East Fork Bitterroot T1N, R20	17010205	MT76H002_070	5.7	Mi	P	P		X	X	X	X
BITTERROOT	GILBERT CREEK a tributary to Laird Cr, East Fork Bitterroot R T1N, R20W	17010205	MT76H002_080	2.3	Mi	P	P		X	X	X	X
BITTERROOT	McCLAIN CREEK from headwaters to mouth (Bitterroot R)	17010205	MT76H004_150	5.3	Mi	P	P		X	X	F	F
NORTH FORK FLATHEAD	SOUTH FORK COAL CREEK from headwaters to mouth (Coal Cr)	17010206	MT76Q002_040	8.1	Mi	P	P		X	F	F	F
NORTH FORK FLATHEAD	BIG CREEK Tributary to the North Fork of the Flathead R	17010206	MT76Q002_050	15.7	Mi	P	P		X	F	F	F
MIDDLE FORK FLATHEAD	GRANITE CREEK, Confluence of Dodge & Challenge Cr to mouth (M Fk Flathead)	17010207	MT76I002_010	8.2	Mi	P	P		X	X	X	X
FLATHEAD LAKE	FISH CREEK from headwaters to mouth (Ashley Lake)	17010208	MT76O002_050	2.4	Mi	P	P		X	X	F	F
SWAN	GOAT CREEK from headwaters to Squeezer Cr.	17010211	MT76K003_031	9	Mi	P	P		X	F	F	F
LOWER CLARK FORK	MARTEN CREEK from headwaters to the mouth (Noxon Reservoir)	17010213	MT76N003_090	6.7	Mi	P	P		X	X	F	F

USE SUPPORT: F = FULL SUPPORT N = NOT SUPPORTING P = PARTIAL SUPPORT X = NOT ASSESSED

Table B - 2. Reassessments Pending Nov. 2000

WATERSHED	SEGMENT NAME - Description	HUC #	ID Number	SIZE	Units
UPPER MISSOURI BASIN					
RUBY	WISCONSIN CREEK from headwaters to mouth (Leland Slough)	10020003	MT41C002_010	13.8	Mi
BIG HOLE	BIRCH CREEK headwaters to the National Forest Boundary	10020004	MT41D002_090	12.8	Mi
BIG HOLE	ELKHORN CREEK, Headwaters to mouth (Jacobson Cr-Wise R)	10020004	MT41D003_220	7.2	Mi
BIG HOLE	ROCK CREEK from headwaters to mouth (Big Hole R)	10020004	MT41D004_120	20.5	Mi
BIG HOLE	LITTLE LAKE CREEK from headwaters to mouth (Big Hole R)	10020004	MT41D004_130	17.6	Mi
BIG HOLE	MINER CREEK from headwaters to mouth (Big Hole R)	10020004	MT41D004_140	18.5	Mi
JEFFERSON	LITTLE PIPESTONE CREEK, Headwaters to mouth (Big Pipestone Cr)	10020005	MT41G002_040	16.2	Mi
JEFFERSON	DRY BOULDER CREEK from headwaters to mouth (Jefferson R)	10020005	MT41G002_120	14.7	Mi
GALLATIN	GALLATIN RIVER from Spanish Cr to Montana State border	10020008	MT41H001_020	52	Mi
UPPER MISSOURI	NORTH FK WARM SPRINGS CREEK, Headwaters to mouth (Warm Springs Cr - Prickly Pear)	10030101	MT41I006_180	3.5	Mi
UPPER MO-DEARBORN	MIDDLE FORK OF THE DEARBORN RIVER, Headwaters to the mouth (Dearborn R)	10030102	MT41Q003_020	13.5	Mi
UPPER MO-DEARBORN	SOUTH FORK OF THE DEARBORN RIVER, Headwaters to the mouth (Dearborn R)	10030102	MT41Q003_030	15.8	Mi
UPPER MO-DEARBORN	FLAT CREEK from Henry Cr to the mouth (Dearborn R)	10030102	MT41Q003_040	15.5	Mi
LOWER MISSOURI BASIN					
JUDITH	JUDITH RIVER from Ross Fork to Big Spring Cr	10040103	MT41S001_020	15.9	Mi
JUDITH	CASINO CREEK, Headwaters to mouth (Big Spring Cr)	10040103	MT41S004_040	11.6	Mi
LOWER MUSSELSHELL	LODGEPOLE CREEK, North & Middle Fks confluence to the mouth (Musselshell)	10040205	MT40C004_020	27	Mi
BIG SANDY	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk R)	10050005	MT40H001_010	37.1	Mi
YELLOWSTONE BASIN					
YELLOWSTONE HEAD	BEAR CREEK, 1/2 mi below Jardine Mine to mouth (Yellowstone R)	10070001	MT43B002_021	3.1	Mi
UPPER YELLOWSTONE	BILLMAN CREEK from headwaters to the mouth (Yellowstone R)	10070002	MT43B004_050	13.2	Mi
UPPER YELLOWSTONE	TOM MINER CREEK from headwaters to the mouth (Yellowstone R)	10070002	MT43B004_060	13.9	Mi
UPPER YELLOWSTONE	MILL CREEK, Absaroka-Beartooth Wilderness boundary to NF boundary	10070002	MT43B004_072	12	Mi
UPPER YELLOWSTONE	PINE CREEK, Absaroka-Beartooth Wilderness boundary to 1.6 miles above the mouth	10070002	MT43B004_082	3.3	Mi
UPPER YELLOWSTONE	BIG CREEK from end of the road to NF Boundary	10070002	MT43B004_112	3.1	Mi
UPPER YELLOWSTONE	MOL HERON CREEK, Yellowstone National Park boundary to mouth (Yellowstone R)	10070002	MT43B004_120	8.9	Mi
UPPER YELLOWSTONE	BOULDER RIVER from NF boundary to 5 mi above the mouth (Yellowstone R)	10070002	MT43B004_132	27.8	Mi
UPPER YELLOWSTONE	BOULDER RIVER from Box Canyon GS to NFBoundary	10070002	MT43B004_133	24.3	Mi
UPPER YELLOWSTONE	BOULDER RIVER from headwaters to Box Canyon Guard Station	10070002	MT43B004_134	8.2	Mi
SHIELDS	POTTER CREEK from headwaters to the mouth (Shields R)	10070003	MT43A002_010	24.6	Mi
SHIELDS	ANTELOPE CREEK from headwaters to the mouth (Shields R)	10070003	MT43A002_020	10	Mi
SHIELDS	COTTONWOOD CREEK from headwaters to eight miles above the mouth	10070003	MT43A002_032	13.1	Mi
SHIELDS	ROCK CREEK from headwaters to the mouth (Shields R)	10070003	MT43A002_050	21.2	Mi
O'FALLON	O'FALLON CREEK from 20 miles above the mouth to 40 miles above the mouth	10100005	MT42L001_032	20	Mi
O'FALLON	O'FALLON CREEK from headwaters to 40 miles above the mouth.	10100005	MT42L001_033	78.6	Mi

Table B - 3. Reassessments Scheduled for 2001

WATERSHED	SEGMENT NAME - Description	HUC #	ID Number	SIZE	Units
UPPER MISSOURI BASIN					
RUBY	INDIAN CREEK from headwaters to mouth (Mill Cr-Ruby R)	10020003	MT41C002_030	11.3	Mi
RUBY	COAL CREEK from headwaters to mouth (Middle Fork Ruby R)	10020003	MT41C003_020	8.3	Mi
RUBY	COTTONWOOD CREEK from headwaters to mouth (Ruby R)	10020003	MT41C003_030	10.4	Mi
RUBY	POISON CREEK, Headwaters to mouth (Ruby R) T11S, R3W	10020003	MT41C003_110	5.3	Mi
RUBY	BURNT CREEK, Headwaters to mouth (Ruby R) T10S, R3W	10020003	MT41C003_130	5	Mi
GALLATIN	SOUTH COTTONWOOD CREEK, Headwaters to the Middle Cr Assoc Ditch diversion	10020008	MT41H002_032	11.1	Mi
UPPER MISSOURI	SEVENMILE CREEK from headwaters to the mouth (Tenmile Cr)	10030101	MT41I006_160	7.8	Mi
UPPER MISSOURI	JACKSON CREEK, Headwaters to mouth (McClellan Cr-Prickly Pear Cr)	10030101	MT41I006_190	2.5	Mi
UPPER MISSOURI	JENNIES FORK from headwaters to mouth (Silver Cr-Missouri R)	10030101	MT41I006_210	1.2	Mi
UPPER MISSOURI	SKELLY GULCH tributary of Greenhorn Cr-Sevenmile Cr T10N R5W Sec 2	10030101	MT41I006_220	7.7	Mi
SUN	GIBSON RESERVOIR	10030104	MT41K004_010	1281.9	Ac
SUN	WILLOW CREEK RESERVOIR	10030104	MT41K004_020	1355.6	Ac
LOWER MISSOURI BASIN					
TETON	WILLOW CREEK from headwaters to the mouth (Deep Cr)	10030205	MT41O002_010	18.9	Mi
TETON	DEEP CREEK from Willow Cr to the mouth (Teton R)	10030205	MT41O002_020	9	Mi
TETON	BLACKLEAF CREEK from headwaters to the mouth (Muddy Cr)	10030205	MT41O002_040	27.1	Mi
TETON	TETON SPRING CREEK from the city of Choteau to mouth (Teton R)	10030205	MT41O002_060	4.5	Mi
TETON	CLARK FORK OF MUDDY CREEK, Headwaters to mouth (Muddy Cr)	10030205	MT41O002_080	7.7	Mi
TETON	BYNUM RESERVOIR	10030205	MT41O003_010	4120	Ac
TETON	EUREKA RESERVOIR	10030205	MT41O003_020	400.3	Ac
JUDITH	COTTONWOOD CREEK from county road bridge at T14N R18E Sec18 to mouth (Big Spring Cr)	10040103	MT41S004_052	13.3	Mi
UPPER MUSSELSHELL	NORTH FORK MUSSELSHELL RIVER, Headwaters to confluence with the South Fk	10040201	MT40A002_010	34.4	Mi
UPPER MUSSELSHELL	MILL CREEK, Headwaters to mouth (North Fork Musselshell R)	10040201	MT40A002_040	4.8	Mi
UPPER MUSSELSHELL	HALF BREED CREEK, Headwaters to the mouth (Musselshell R)	10040201	MT40A002_090	16.6	Mi
UPPER MUSSELSHELL	DEADMANS BASIN RESERVOIR T7N R18E Sec 22-27	10040201	MT40A005_010	1903	Ac
UPPER MUSSELSHELL	LEBO LAKE T6N R13E SEC 1	10040201	MT40A005_020	314.1	Ac
UPPER MUSSELSHELL	MARTINSDALE RESERVOIR T8N R12E	10040201	MT40A005_030	984.9	Ac
MIDDLE MUSSELSHELL	NORTH WILLOW CREEK, Headwaters to the mouth (Musselshell R)	10040202	MT40C002_010	105	Mi
LOWER MUSSELSHELL	CALF CREEK, Headwaters to the mouth (Musselshell R)	10040205	MT40C004_010	64.3	Mi
LOWER MUSSELSHELL	BLOOD CREEK, Headwaters to mouth (Musselshell R)	10040205	MT40C004_030	59	Mi

Table B - 3. Reassessments Scheduled for 2001

WATERSHED	SEGMENT NAME - Description	HUC #	ID Number	SIZE	Units
YELLOWSTONE BASIN					
YELLOWSTONE HEAD	YELLOWSTONE RIVER from the Montana border to Reese Cr.	10070001	MT43B001_010	14.5	Mi
YELLOWSTONE HEAD	BEAR CREEK, Headwaters to 1/2 mi below the Jardine Mine	10070001	MT43B002_022	8	Mi
YELLOWSTONE HEAD	SODA BUTTE CREEK from headwaters to the McLaren Tailings.	10070001	MT43B002_032	1.1	Mi
UPPER YELLOWSTONE	OTTER CREEK from headwaters to 2 mi downstream of Highway 191 bridge	10070002	MT43B004_012	25.6	Mi
UPPER YELLOWSTONE	BIG TIMBER CREEK from headwaters to Swamp Cr.	10070002	MT43B004_022	25.7	Mi
UPPER YELLOWSTONE	LOWER DEER CREEK from headwaters to 4 mi above the mouth	10070002	MT43B004_032	22.2	Mi
UPPER YELLOWSTONE	UPPER DEER CREEK from headwaters to 6.5 miles above the mouth	10070002	MT43B004_042	17.3	Mi
UPPER YELLOWSTONE	SWEET GRASS CREEK from headwaters to the mouth (Yellowstone R)	10070002	MT43B004_150	77.3	Mi
STILLWATER	LODGEPOLE CREEK from headwaters to the mouth (Castle Cr)	10070005	MT43C002_010	5.9	Mi
STILLWATER	BAD CANYON CREEK from headwaters to the mouth (Stillwater R)	10070005	MT43C002_020	10.4	Mi
STILLWATER	CASTLE CREEK from headwaters to the mouth (West Fk Stillwater R)	10070005	MT43C002_030	10.5	Mi
STILLWATER	GROVE CREEK from headwaters to five miles above the mouth	10070005	MT43C002_042	6.9	Mi
STILLWATER	FISHTAIL CREEK from headwaters to the mouth (West Rosebud Cr)	10070005	MT43C002_050	13.9	Mi
STILLWATER	EAST ROSEBUD CREEK, Absaroka-Beartooth Wilderness Boundary to mouth (Rosebud Cr)	10070005	MT43C002_060	19.9	Mi
UPPER TONGUE	TONGUE RIVER from the Wyoming border to Tongue R Reservoir	10090101	MT42B001_010	4.7	Mi
UPPER TONGUE	TONGUE RIVER from Tongue R Dam to Hanging Woman Cr	10090101	MT42B001_020	34.5	Mi
UPPER TONGUE	HANGING WOMAN CREEK from the Wyoming border to Stroud Cr	10090101	MT42B002_032	28.7	Mi
LOWER TONGUE	TONGUE RIVER from Hanging Woman Cr to the diversion dam just above Pumpkin Cr	10090102	MT42C001_012	147.9	Mi
LOWER TONGUE	PUMPKIN CREEK from headwaters to the mouth (Tongue R)	10090102	MT42C002_060	171.9	Mi
O'FALLON	PENNEL CREEK from headwaters to the mouth (O'Fallon Cr)	10100005	MT42L001_010	21.5	Mi
O'FALLON	SANDSTONE CREEK from headwaters to the mouth (O'Fallon Cr)	10100005	MT42L001_020	72.1	Mi
O'FALLON	O'FALLON CREEK from the mouth (Yellowstone R) 20 miles upstream	10100005	MT42L001_031	20	Mi
COLUMBIA BASIN					
BLACKFOOT	MARCUM CREEK from headwaters to mouth T14N R11W SEC 14	17010203	MT76F002_050	1.4	Mi
BLACKFOOT	SANDBAR CREEK from forks to mouth (Willow Cr)	17010203	MT76F002_060	1.6	Mi
BLACKFOOT	ARRASTRA CREEK from headwaters to mouth (Blackfoot R)	17010203	MT76F002_070	12.6	Mi
MIDDLE CLARK FORK	TWELVEMILE CREEK from headwaters to the mouth (ST. Regis R)	17010204	MT76M003_020	13.4	Mi
MIDDLE CLARK FORK	SILVER CREEK from headwaters to the mouth (ST. Regis R)	17010204	MT76M003_030	4.9	Mi
MIDDLE CLARK FORK	BIG CREEK from the East and Middle Forks to the mouth (ST. Regis R)	17010204	MT76M003_040	3.4	Mi
MIDDLE CLARK FORK	DEER CREEK from headwaters to the mouth (ST. Regis R)	17010204	MT76M003_050	8.5	Mi
MIDDLE CLARK FORK	WARD CREEK from headwaters to the mouth (ST. Regis R)	17010204	MT76M003_060	7.6	Mi
MIDDLE CLARK FORK	LITTLE JOE CREEK from North Fork to the mouth (ST. Regis R)	17010204	MT76M003_070	3.1	Mi
MIDDLE CLARK FORK	NORTH FORK LITTLE JOE CREEK, Headwaters to the mouth (Little Joe Cr)	17010204	MT76M003_080	10.7	Mi
SWAN	LION CREEK from headwaters to mouth (Swan R)	17010211	MT76K003_050	14.6	Mi
SWAN	SQUEEZER CREEK from headwaters to mouth (Goat Cr-Swan R)	17010211	MT76K003_070	9	Mi