

Water Quality Standards for Purgatoire River Mainstem, Segment 5a
July Sampling 2010

STREAM WATER QUALITY STANDARDS

LABID	CALCULATED HARDNESS (mg/L as CaCO3)	STREAM SEGMENT	ACUTE COPPER DISSOLVED ug/L	CHRONIC COPPER DISSOLVED ug/L	CHRONIC IRON DISSOLVED ug/L	CHRONIC IRON TOTAL RECOVERABLE ug/L	ACUTE LEAD DISSOLVED ug/L	CHRONIC LEAD DISSOLVED ug/L	ACUTE SELENIUM DISSOLVED ug/L	CHRONIC SELENIUM DISSOLVED ug/L	TEMPORARY MODIFIED SELENIUM, DISSOLVED ug/L	ACUTE ZINC DISSOLVED ug/L	CHRONIC ZINC DISSOLVED ug/L
PR2.8-072110	119.69	5a	15.9194	10.4427	0.3	1000	78.4969	3.0589	18.4	4.6	11.2	167.0989	144.8839
PR8.8-072210	127.95	5a	16.9525	11.0555	0.3	1000	84.3704	3.2878	18.4	4.6	11.2	176.881	153.3655
PR11.3-072210	124.88	5a	16.569	10.8284	0.3	1000	82.1852	3.2026	18.4	4.6	11.2	173.2565	150.2228
PR16.9-072210	126.63	5a	16.7877	10.9579	0.3	1000	83.4305	3.2512	18.4	4.6	11.2	175.3242	152.0156
PR18.5-072110	120.16	5a	15.9783	10.4777	0.3	1000	78.8306	3.0719	18.4	4.6	11.2	167.6581	145.3688
PR18.5-072210	127.71	5a	16.9225	11.0378	0.3	1000	84.1994	3.2811	18.4	4.6	11.2	176.5981	153.1202
PR24.3-072110	116.28	5a	15.4917	10.1879	0.3	1000	76.0777	2.9646	18.4	4.6	11.2	163.0318	141.3575
PR24.8-072110	126.02	5a	16.7115	10.9128	0.3	1000	82.9963	3.2342	18.4	4.6	11.2	174.6039	151.3911
PR24.8-072110D	125.77	5a	16.6802	10.8943	0.3	1000	82.8184	3.2273	18.4	4.6	11.2	174.3086	151.1351
PR29.7-072110	125.28	5a	16.619	10.858	0.3	1000	82.4698	3.2137	18.4	4.6	11.2	173.7295	150.6329
PR33.0-072110	102.88	5a	13.8038	9.1759	0.3	1000	66.6081	2.5956	18.4	4.6	11.2	146.8728	127.3468
PR37.1-072110	93.84	5a	12.658	8.4824	0.3	1000	60.2579	2.3482	18.4	4.6	11.2	135.797	117.7434

STREAM WATER QUALITY STANDARDS

LABID	CALCULATED HARDNESS (mg/L as CaCO3)	STREAM SEGMENT	BORON DISSOLVED mg/L	CHLORIDE mg/L	SULFATE mg/L	pH-Low S.U.	pH-High S.U.
PR2.8-072110	119.69	5a	0.75	250	250	6.5	9
PR8.8-072210	127.95	5a	0.75	250	250	6.5	9
PR11.3-072210	124.88	5a	0.75	250	250	6.5	9
PR16.9-072210	126.63	5a	0.75	250	250	6.5	9
PR18.5-072110	120.16	5a	0.75	250	250	6.5	9
PR18.5-072210	127.71	5a	0.75	250	250	6.5	9
PR24.3-072110	116.28	5a	0.75	250	250	6.5	9
PR24.8-072110	126.02	5a	0.75	250	250	6.5	9
PR24.8-072110D	125.77	5a	0.75	250	250	6.5	9
PR29.7-072110	125.28	5a	0.75	250	250	6.5	9
PR33.0-072110	102.88	5a	0.75	250	250	6.5	9
PR37.1-072110	93.84	5a	0.75	250	250	6.5	9

SAMPLING LOCATION DESCRIPTIONS

STATION ID	STATION DESCRIPTION
PR-02.8	Purgatoire River below Trinidad Lake
PR-08.8	Purgatoire River above Trinidad Lake
PR-11.3	Purgatoire River below Valdez
PR-16.9	Purgatoire River below Sarcillo Canyon
PR-18.5	Purgatoire River above Lorencito Canyon
PR-24.3	Purgatoire River below South Fork
PR-24.8	Purgatoire River above Wet Canyon
PR-29.7	Purgatoire River below North Fork
PR-33.0	Purgatoire River above North Fork
PR-37.1	Purgatoire River at Stonewall