

SAN MATEO - EXHIBIT Z

NM Dept of Game Fish Observations, Black River, February 25, 2020

Location	UTM zone 13	Time	DO mg/L	DO %	µS	µS specific	°F	pH	Observation
Higby Hole	584789 3566921	13:22	10.28	96.1	2114	2815	53.5	7	normal color, milky blue, live insects etc., no dead fish
Just above initial location	585607 3567254		10.77	101.9	2328	3065	54.3	7	very clear water visible gravel, hard bottom
Just below initial location	585621 3567256		10.43	98.6	2336	3078	54.3	7	very brown/ tan water, no dead fish, bottom covered with tan "pudding" approximately 6 inches
Just below gray double wide	585912 3567319	13:45	10.8	104.1	2479	3199	55.8	7	very brown/ tan water, no dead fish, live insects under rocks in riffle, could see thin tan coating on several areas approximately 350
Black River old crossing at rail road bridge	587241 3566965	12:52	9.8	92.7	2960	3914	54	7	Live aquatic insects observed in riffle, no dead fish, water more turbid, fine tan sediments stirred up when walking in slack water
Pecos at Haroun Crossing	589709 3567534	11:56	10.84	101.9	4567	6133	52.9	7	Live aquatic insects observed, no dead fish, water clear
Black River 50 yds above confluence	589738 3567717	12:37	10.8	96.9	4035	5268	55	7	very little flow, nos rocks to look for bugs, slightly more turbid then Pecos, no dead fish
Pecos above confluence	589854 3567692		11.52	108.9	4714	6295	53.3	7	Live aquatic insects observed, no dead fish, water clear