

Lower Truckee River, NV  
**Marble Bluff Dam** (100m below dam)

HUC 16050103

**2007 Sample Dates**

Constituents	1/23/07	2/20/07	3/19/07	4/25/07	May	6/26/07	7/24/07	8/30/07	Sept	10/29/07	11/19/07	12/20/07
Dissolved Reactive Phosphorous, mg/L	0.023	0.043	0.048	0.041	NS	0.053	0.059	0.041	NS	0.027	0.034	0.025
Total Phosphorous, mg/L	0.044	0.084	0.078	0.069		0.079	0.086	0.059		0.040	0.043	0.042
Ammonia, mg/L	0.008	0.029	0.033	0.040		0.005	0.000	0.010		<D.L.	<D.L.	0.007
Nitrate+Nitrite, mg/L	0.081	0.059	0.006	0.016		0.011	0.002	0.005		0.314	<D.L.	<D.L.
Temperature, degrees C	0.02	4.82	11.48	14.10		18.73	21.50	21.74		10.60	7.46	3.34
Specific Conductivity, mS/cm	8.42	8.14	8.03	8.15		8.18	8.17	8.02		0.423	0.499	0.535
Total Dissolved Solids, g/L	0.20	0.49	0.248	0.165		0.255	0.265	0.840		0.275	0.324	0.347
Salinity, ppt	0.15	0.37	0.18	0.12		0.19	0.20	0.21		0.20	0.24	0.26
% Dissolved Oxygen, %	1.7	2.10	2.1	6.8		2.0	1.7	1.4		109.3	94.0	98.3
Dissolved Oxygen, mg/L	15.08	11.96	10.19	10.62		8.21	8.13	8.74		12.15	10.97	12.94
pH	104	94	94	105		89	92	99.6		8.38	8.08	8.53
Turbidity, NTU	312	754	381	253		393	408	437		1.1	<1.0	1.2

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**2008 Sample Dates**

Constituents	1/15/08	2/28/08	3/24/08	April	5/2/08	6/19/08	7/16/08	8/25/08	9/22/08	October	11/20/08	12/29/08
Dissolved Reactive Phosphorous, mg/L	0.048	0.021	0.021	NS	0.029	0.044	0.045	0.043	0.030	NS	0.045	0.028
Total Phosphorous, mg/L	0.106	0.059	0.057		0.079	0.063	0.070	0.052	0.051		0.046	0.041
Ammonia, mg/L	0.105	0.009	<D.L.		0.017	0.006	0.013	0.002	0.025		0.007	0.020
Nitrate+Nitrite, mg/L	0.244	0.074	0.008		0.009	<D.L.	0.011	0.014	0.003		0.006	0.010
Temperature, degrees C	3.31	7.54	10.39		11.49	18.50	21.53	20.92	15.41		6.3	1.1
Specific Conductivity, mS/cm	0.421	0.394	0.170		0.220	0.285	0.275	0.296	0.347		0.416	0.491
Total Dissolved Solids, g/L	0.274	0.256	0.110		0.143	0.185	0.178	0.192	0.206		0.27	0.319
Salinity, ppt	0.20	0.19	0.08		0.10	0.14	0.13	0.14	0.17		0.2	0.23
% Dissolved Oxygen, %	100.4	99.3	88.2		94.6	94.8	96.0	104.3	117.9		74.5	109.6
Dissolved Oxygen, mg/L	13.13	11.88	9.87		10.31	8.88	8.42	9.3	11.77		9.25	15.4
pH	8.70	7.86	7.78		8.02	8.07	8.07	8.04	8.09		8.09	8.11
Turbidity, NTU	7.7	-	-		15.0	2.9	2.8	1.3	1.6		2.0	1.7

Truckee River Sampling @ MBD Constituents	2007 Annual Avg
Dissolved Reactive Phosphorous, mg/L	0.039
Total Phosphorous, mg/L	0.062
Ammonia, mg/L	0.013
Nitrate+Nitrite, mg/L	0.049

Truckee River Sampling @ MBD Constituents	2008 Annual Avg
Dissolved Reactive Phosphorous, mg/L	0.035
Total Phosphorous, mg/L	0.062
Ammonia, mg/L	0.020
Nitrate+Nitrite, mg/L	0.038