

Lower Truckee River, NV
Pierson Dam (500m below dam)

HUC 16050102

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
Dissolved Reactive Phosphorous, mg/L	0.018	0.049	0.046	0.035	NS	0.032	0.038	0.087
Total Phosphorous, mg/L	0.043	0.087	0.082	0.060		0.074	0.090	0.094
Ammonia, mg/L	0.102	0.035	0.014	0.060		0.000	0.000	0.009
Nitrate+Nitrite, mg/L	0.121	0.112	0.044	0.042		0.002	0.004	0.009
Temperature, degrees C	0.08	5.91	11.27	13.94		20.45	22.03	21.89
Specific Conductivity, mS/cm	0.264	0.469	0.219	0.175		0.237	0.244	0.244
Total Dissolved Solids, g/L	0.171	0.305	0.142	0.114		0.154	0.158	0.159
Salinity, ppt	0.12	0.23	0.10	0.08		0.11	0.12	0.12
% Dissolved Oxygen, %	105.1	119.4	98.5	102.6		93.5	90.5	145.3
Dissolved Oxygen, mg/L	15.25	14.82	10.78	10.52		8.38	7.91	12.73
pH	8.19	8.01	8.23	8.40		8.57	8.22	8.20
Turbidity, NTU	2.3	2.6	4.3	6.0		4.0	4.0	2.7

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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
Dissolved Reactive Phosphorous, mg/L	0.047	0.036	0.023	NS	0.021	0.039	0.033	0.037
Total Phosphorous, mg/L	0.099	0.084	0.056		0.048	0.056	0.059	0.053
Ammonia, mg/L	0.075	0.015	0.011		<D.L.	<D.L.	0.021	0.014
Nitrate+Nitrite, mg/L	0.222	0.078	0.004		0.006	<D.L.	0.010	0.011
Temperature, degrees C	3.46	8.07	10.80		11.04	18.08	21.64	21.20
Specific Conductivity, mS/cm	0.367	0.335	0.318		0.177	0.199	0.225	0.217
Total Dissolved Solids, g/L	0.239	0.218	0.207		0.115	0.129	0.146	0.141
Salinity, ppt	0.18	0.16	0.15		0.08	0.09	0.11	0.10
% Dissolved Oxygen, %	83.4	102.2	24.2		105.6	95.3	100.2	133.5
Dissolved Oxygen, mg/L	11.00	12.07	2.63		11.63	9.01	8.77	11.98
pH	8.08	8.22	8.38		8.11	8.22	8.07	8.60
Turbidity, NTU	6.1	6.0	-		4.0	2.9	4.8	2.8

Sept	10/29/07	11/19/07	12/20/07	2007 Avg
NS	0.040	0.037	0.024	0.041
	0.055	0.051	0.051	0.069
	0.002	0.113	0.007	0.034
	0.000	<D.L.	<D.L.	0.033
	12.59	8.12	3.86	
	0.255	0.281	0.277	
	0.166	0.183	0.180	
	0.12	0.13	0.13	
	111.9	94.1	99.4	
	11.89	11.86	12.73	
	8.40	7.88	8.25	
	1.5	1.6	1.5	

9/22/08	October	11/20/08	12/29/08	2008 Avg
0.029	NS	0.039	0.019	0.032
0.040		0.049	0.038	0.058
<D.L.		0.008	0.026	0.017
0.000		<D.L.	0.099	0.043
14.69		7.77	2.44	
0.263		0.253	0.383	
0.171		0.165	0.249	
0.13		0.12	0.18	
99.6		109.3	-	
9.95		13.06	-	
7.96		7.94	7.96	
1.9		1.8	1.2	