Community Clean Water Institute

Home Resources Programs Events About Us Contact Us Monitoring Home

Home > Monitoring

Stream Monitoring Results

These graphs show the most important measures of a stream's water quality. Select the subwatershed, stream, station and date range and click the RUN button to see results.

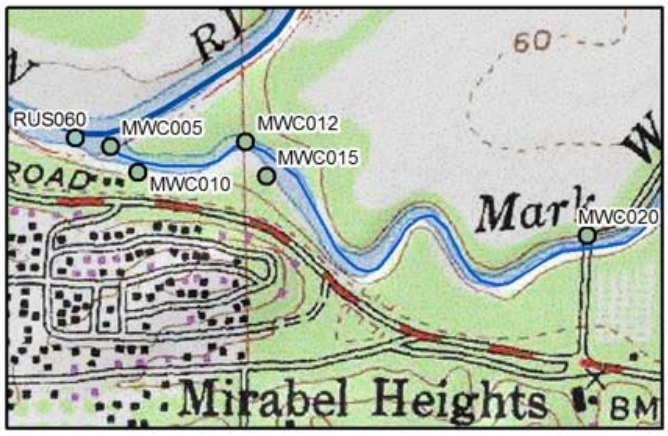
Subwatershed
Mark West Creek

Stream
Mark West Creek

Station
MWC005

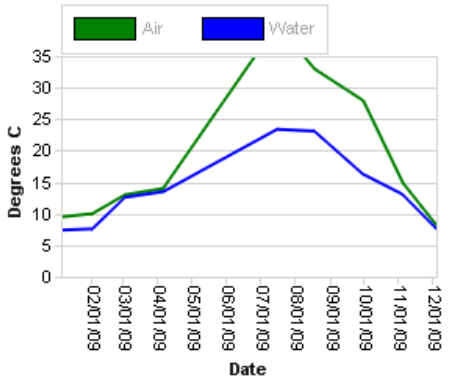
Measurement Date Range
From: 12/5/2008 To: 12/5/2009 Run

Mark West Creek Monitoring Station Locations



Mark West Creek: Mark West Creek: MWC005

Water and Air Temp

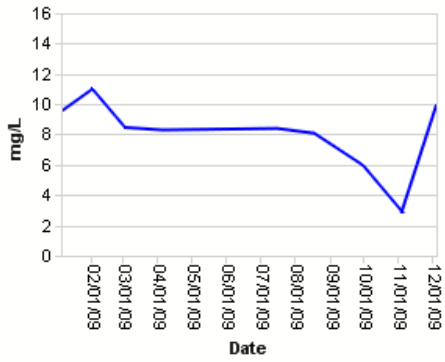


Temperature is a measure of the average kinetic energy of water. Optimum temperatures for salmonids are between 4 and 16 degrees Celsius.

pH

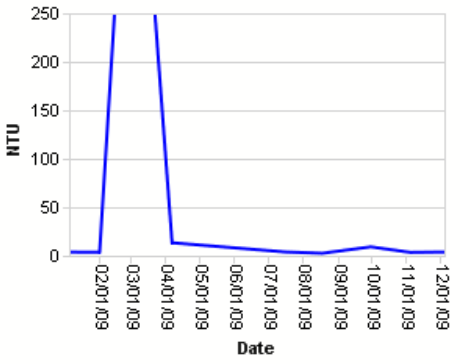
pH is a measure of how basic or acidic water is. A higher pH is more basic. Algal growth is fueled by nutrients and makes water more basic.

Dissolved Oxygen



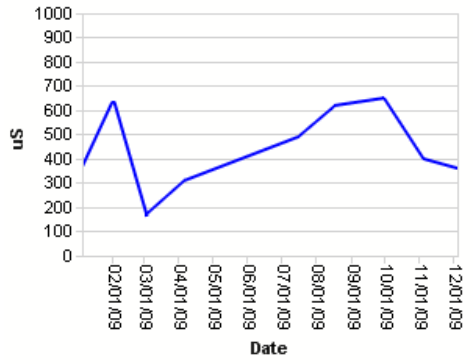
Dissolved Oxygen is the result of photosynthesis of plants and algae. Many types of bacteria consume oxygen while breaking down organic materials.

Turbidity



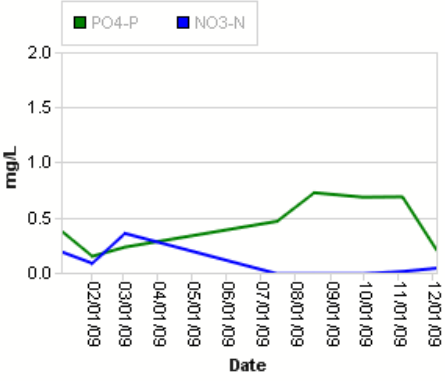
Turbidity is a measure of suspended solids in water. Salmonids prefer turbidity levels below 10 NTUs. Recreational water levels should be below 5 NTUs.

Conductivity



Conductivity is the ability of water to conduct electrical current. It is considered a secondary indicator of possible pollution.

Nitrates/Phosphates



Nitrates and Phosphates are essential nutrients for plant life but excessive levels can lead to eutrophication.

Data Table

Export Data

Lab Sample ID	Station Code	Date	Time	Replicate	Analyte	Result	Unit	ResQualCode	QA Code	RL	Storm	Dry
10922	MWC005	1/6/2009	10:40 AM	1	COND	370	uS	=	None	10		
10963	MWC005	2/2/2009	12:15 PM	1	COND	640	uS	=	None	10		
11082	MWC005	3/3/2009	12:11 PM	1	COND	170	uS	=	None	10		
11151	MWC005	4/6/2009	4:15 PM	1	COND	310	uS	=	None	10		
11304	MWC005	7/16/2009	1:45 PM	1	COND	490	uS	=	None	10		
11363	MWC005	8/18/2009	12:45 PM	1	COND	620	uS	=	None	10		
11449	MWC005	9/30/2009	12:00 AM	1	COND	650	uS	=	None	10		
11504	MWC005	11/4/2009	11:50 AM	1	COND	400	uS	=	None	10		
11542	MWC005	12/5/2009	12:00 PM	1	COND	360	uS	=	None	10		
10922	MWC005	1/6/2009	10:40 AM	1	DO	9.56	mg/L	=	None	0.1		
10963	MWC005	2/2/2009	12:15 PM	1	DO	11.0	mg/L	=	None	0.1		
11082	MWC005	3/3/2009	12:11 PM	1	DO	8.46	mg/L	=	None	0.1		
11151	MWC005	4/6/2009	4:15 PM	1	DO	8.3	mg/L	=	None	0.1		
11304	MWC005	7/16/2009	1:45 PM	1	DO	8.4	mg/L	=	None	0.1		
11363	MWC005	8/18/2009	12:45 PM	1	DO	8.08	mg/L	=	None	0.1		
11449	MWC005	9/30/2009	12:00 AM	1	DO	5.98	mg/L	=	None	0.1		
11504	MWC005	11/4/2009	11:50 AM	1	DO	2.9	mg/L	=	None	0.1		
11542	MWC005	12/5/2009	12:00 PM	1	DO	10.0	mg/L	=	None	0.1		
10922	MWC005	1/6/2009	10:40 AM	1	NO3-N	.188	mg/L	=	None	0.02		
10963	MWC005	2/2/2009	12:15 PM	1	NO3-N	.085	mg/L	=	None	0.02		
11082	MWC005	3/3/2009	12:11 PM	1	NO3-N	.356	mg/L	=	None	0.02		
11304	MWC005	7/16/2009	1:45 PM	1	NO3-N	-.010	mg/L	ND	None	0.02		
11363	MWC005	8/18/2009	12:45 PM	1	NO3-N	-.010	mg/L	ND	None	0.02		
11449	MWC005	9/30/2009	12:00 AM	1	NO3-N	-.010	mg/L	ND	None	0.02		
11504	MWC005	11/4/2009	11:50 AM	1	NO3-N	.010	mg/L	DNQ	H	0.02		
11542	MWC005	12/5/2009	12:00 PM	1	NO3-N	.041	mg/L	=	None	0.02		
10922	MWC005	1/6/2009	10:40 AM	1	PO4-P	.375	mg/L	=	None	0.03		
10963	MWC005	2/2/2009	12:15 PM	1	PO4-P	.149	mg/L	=	None	0.03		
11082	MWC005	3/3/2009	12:11 PM	1	PO4-P	.232	mg/L	=	None	0.03		
11304	MWC005	7/16/2009	1:45 PM	1	PO4-P	.466	mg/L	=	None	0.03		
11363	MWC005	8/18/2009	12:45 PM	1	PO4-P	.725	mg/L	> Calibration	None	0.03		
11449	MWC005	9/30/2009	12:00 AM	1	PO4-P	.685	mg/L	=	None	0.15		
11504	MWC005	11/4/2009	11:50 AM	1	PO4-P	.688	mg/L	=	H	0.03		
11542	MWC005	12/5/2009	12:00 PM	1	PO4-P	.194	mg/L	=	None	0.03		
10922	MWC005	1/6/2009	10:40 AM	1	TEMPAIR	9.5	DegC	=	None	0.3		
10963	MWC005	2/2/2009	12:15 PM	1	TEMPAIR	10	DegC	=	None	0.3		
11082	MWC005	3/3/2009	12:11 PM	1	TEMPAIR	13	DegC	=	None	0.3		
11151	MWC005	4/6/2009	4:15 PM	1	TEMPAIR	14.0	DegC	=	None	0.3		
11304	MWC005	7/16/2009	1:45 PM	1	TEMPAIR	40	DegC	=	None	0.3		
11363	MWC005	8/18/2009	12:45 PM	1	TEMPAIR	33.0	DegC	=	None	0.3		
11449	MWC005	9/30/2009	12:00 AM	1	TEMPAIR	28	DegC	=	None	0.3		
11504	MWC005	11/4/2009	11:50 AM	1	TEMPAIR	15.0	DegC	=	None	0.3		
11542	MWC005	12/5/2009	12:00 PM	1	TEMPAIR	8.0	DegC	=	None	0.3		
10922	MWC005	1/6/2009	10:40 AM	1	TEMPWATER	7.4	DegC	=	None	0.1		
10963	MWC005	2/2/2009	12:15 PM	1	TEMPWATER	7.6	DegC	=	None	0.1		
11082	MWC005	3/3/2009	12:11 PM	1	TEMPWATER	12.6	DegC	=	None	0.1		
11151	MWC005	4/6/2009	4:15 PM	1	TEMPWATER	13.5	DegC	=	None	0.1		
11304	MWC005	7/16/2009	1:45 PM	1	TEMPWATER	23.4	DegC	=	None	0.1		
11363	MWC005	8/18/2009	12:45 PM	1	TEMPWATER	23.1	DegC	=	None	0.1		
11449	MWC005	9/30/2009	12:00 AM	1	TEMPWATER	16.3	DegC	=	None	0.1		
11504	MWC005	11/4/2009	11:50 AM	1	TEMPWATER	13.1	DegC	=	None	0.1		
11542	MWC005	12/5/2009	12:00 PM	1	TEMPWATER	7.5	DegC	=	None	0.1		
10922	MWC005	1/6/2009	10:40 AM	1	TURB	3.69	NTU	=	None	0.01		
10963	MWC005	2/2/2009	12:15 PM	1	TURB	3.64	NTU	=	None	0.01		
11082	MWC005	3/3/2009	12:11 PM	1	TURB	542	NTU	=	None	0.01		
11151	MWC005	4/6/2009	4:15 PM	1	TURB	13.4	NTU	=	None	0.01		
11304	MWC005	7/16/2009	1:45 PM	1	TURB	3.85	NTU	=	None	0.01		
11363	MWC005	8/18/2009	12:45 PM	1	TURB	2.51	NTU	=	None	0.01		
11449	MWC005	9/30/2009	12:00 AM	1	TURB	9.10	NTU	=	None	0.01		
11504	MWC005	11/4/2009	11:50 AM	1	TURB	3.45	NTU	=	None	0.01		
11542	MWC005	12/5/2009	12:00 PM	1	TURB	3.79	NTU	=	None	0.01		

Data collected using SWAMP protocols. Calibration and training records available upon request.

ResQualCode: = (equal to); ND (Non Detect); NA (Not Analyzed); DNQ (Detected Not Quantifiable); > (greater than)
QAcode: X (none - no qualifier); NR (Not Recorded); J (estimated); H (Hold Time Violation); HH (results exceed linear range)
RL is Reporting Limit