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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

Stream

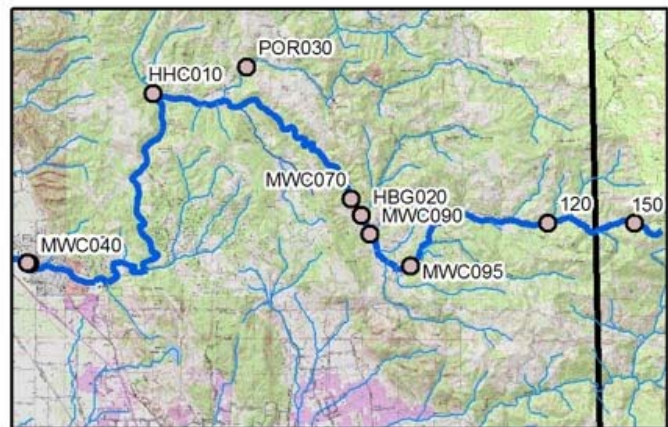
Station

Measurement Date Range

 From:

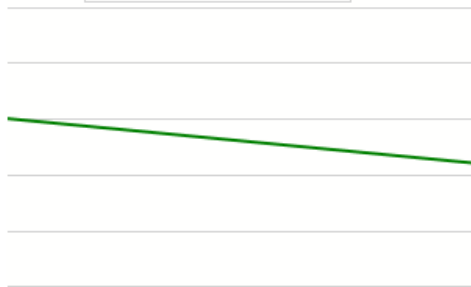
 To:

Horse Hill Creek Monitoring Station Locations



Mark West Creek: Horse Hill Creek: HHC010

Water and Air Temp

☒ Air ☒ Water


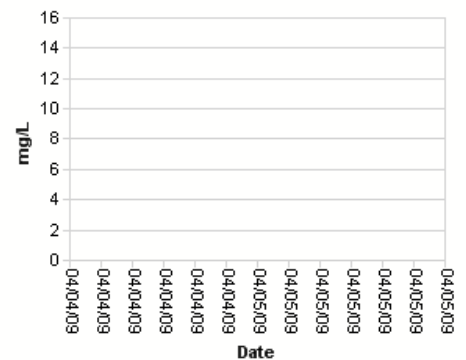
Temperature is a measure of the average kinetic energy of water. Optimum temperatures for salmonids are between 4 and 16 degrees Celsius.

pH



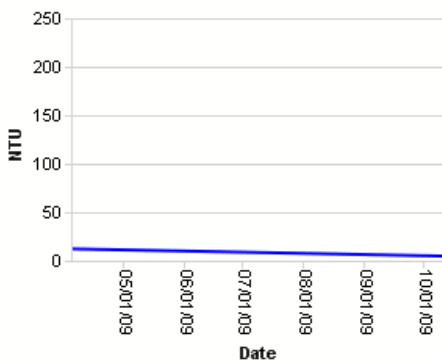
pH is a measure of how basic or acidic water is. A higher pH is more basic. Algal growth is fueled by nutrients and makes water more basic.

Dissolved Oxygen



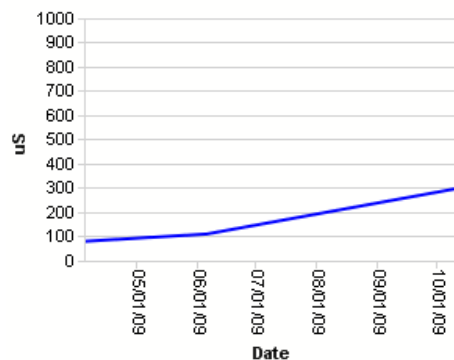
Dissolved Oxygen is the result of photosynthesis of plants and algae. Many types of bacteria consume oxygen while breaking down organic materials.

Turbidity



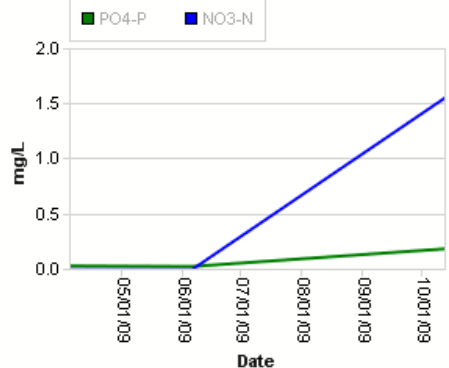
Turbidity is a measure of suspended solids in water. Salmonids prefer turbidity levels below 10 NTUs. Recreational water levels should be below 5 NTUs.

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
11139	HHC010	4/5/2009	3:10 PM	1	COND	80 uS	=	None	10		
11244	HHC010	6/6/2009	3:30 PM	1	COND	110 uS	=	None	10		
11287	HHC010	6/28/2009	2:45 PM	1	COND		NA	FD			
11311	HHC010	7/17/2009	11:45 AM	1	COND		NA	FD			
11342	HHC010	7/28/2009	12:45 PM	1	COND		NA	FD			
11356	HHC010	8/11/2009	12:20 PM	1	COND		NA	FD			
11466	HHC010	10/13/2009	10:50 AM	1	COND	300 uS	=	None	10		
11139	HHC010	4/5/2009	3:10 PM	1	DO	9.3 mg/L	=	None	0.1		
11244	HHC010	6/6/2009	3:30 PM	1	DO		NA	FIF			
11287	HHC010	6/28/2009	2:45 PM	1	DO		NA	FD			
11311	HHC010	7/17/2009	11:45 AM	1	DO		NA	FD			
11342	HHC010	7/28/2009	12:45 PM	1	DO		NA	FD			
11356	HHC010	8/11/2009	12:20 PM	1	DO		NA	FD			
11466	HHC010	10/13/2009	10:50 AM	1	DO		NA	NR			
11139	HHC010	4/5/2009	3:10 PM	1	NO3-N	-.010 mg/L	ND	None	0.02		
11244	HHC010	6/6/2009	3:30 PM	1	NO3-N	-.010 mg/L	ND	None	0.02		
11466	HHC010	10/13/2009	10:50 AM	1	NO3-N	1.55 mg/L	=	None	0.1		
11139	HHC010	4/5/2009	3:10 PM	1	PO4-P	.025 mg/L	DNQ	None	0.03		
11244	HHC010	6/6/2009	3:30 PM	1	PO4-P	.020 mg/L	DNQ	None	0.03		
11466	HHC010	10/13/2009	10:50 AM	1	PO4-P	.180 mg/L	=	None	0.03		
11139	HHC010	4/5/2009	3:10 PM	1	TEMPAIR	20 DegC	=	None	0.3		
11244	HHC010	6/6/2009	3:30 PM	1	TEMPAIR	16 DegC	=	None	0.3		
11287	HHC010	6/28/2009	2:45 PM	1	TEMPAIR		NA	NR			
11311	HHC010	7/17/2009	11:45 AM	1	TEMPAIR		NA	NR			
11342	HHC010	7/28/2009	12:45 PM	1	TEMPAIR		NA	NR			
11356	HHC010	8/11/2009	12:20 PM	1	TEMPAIR		NA	NR			
11466	HHC010	10/13/2009	10:50 AM	1	TEMPAIR		NA	NR			
11139	HHC010	4/5/2009	3:10 PM	1	TEMPWATER		NA	FIF			
11244	HHC010	6/6/2009	3:30 PM	1	TEMPWATER		NA	FIF			
11287	HHC010	6/28/2009	2:45 PM	1	TEMPWATER		NA	FD			
11311	HHC010	7/17/2009	11:45 AM	1	TEMPWATER		NA	FD			
11342	HHC010	7/28/2009	12:45 PM	1	TEMPWATER		NA	FD			
11356	HHC010	8/11/2009	12:20 PM	1	TEMPWATER		NA	FD			
11466	HHC010	10/13/2009	10:50 AM	1	TEMPWATER		NA	NR			
11139	HHC010	4/5/2009	3:10 PM	1	TURB	12.2 NTU	=	None	0.01		
11244	HHC010	6/6/2009	3:30 PM	1	TURB		NA	FIF			
11287	HHC010	6/28/2009	2:45 PM	1	TURB		NA	FD			
11311	HHC010	7/17/2009	11:45 AM	1	TURB		NA	FD			
11342	HHC010	7/28/2009	12:45 PM	1	TURB		NA	FD			
11356	HHC010	8/11/2009	12:20 PM	1	TURB		NA	FD			
11466	HHC010	10/13/2009	10:50 AM	1	TURB	4.69 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