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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

Mark West Creek

Stream

Porter Creek

Station

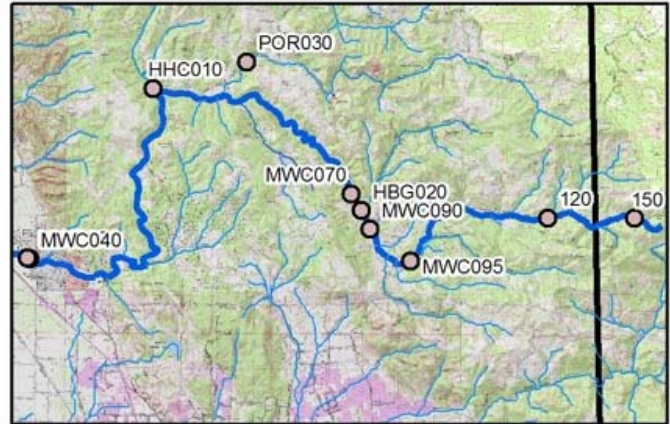
POR030

Measurement Date Range

From: 8/11/2008

To: 8/11/2009

Run

Porter Creek Monitoring Station Locations

Mark West Creek: Porter Creek: POR030

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

PO4-P

NO3-N

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
11312	POR030	7/17/2009	11:55 AM	1	COND		NA	FD			
11343	POR030	7/28/2009	1:00 PM	1	COND		NA	FD			
11355	POR030	8/11/2009	12:05 PM	1	COND		NA	FD			
11312	POR030	7/17/2009	11:55 AM	1	DO		NA	FD			
11343	POR030	7/28/2009	1:00 PM	1	DO		NA	FD			
11355	POR030	8/11/2009	12:05 PM	1	DO		NA	FD			
11312	POR030	7/17/2009	11:55 AM	1	TEMPAIR		NA	NR			
11343	POR030	7/28/2009	1:00 PM	1	TEMPAIR		NA	NR			
11355	POR030	8/11/2009	12:05 PM	1	TEMPAIR		NA	NR			
11312	POR030	7/17/2009	11:55 AM	1	TEMPWATER		NA	FD			
11343	POR030	7/28/2009	1:00 PM	1	TEMPWATER		NA	FD			
11355	POR030	8/11/2009	12:05 PM	1	TEMPWATER		NA	FD			
11312	POR030	7/17/2009	11:55 AM	1	TURB		NA	FD			
11343	POR030	7/28/2009	1:00 PM	1	TURB		NA	FD			
11355	POR030	8/11/2009	12:05 PM	1	TURB		NA	FD			

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

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