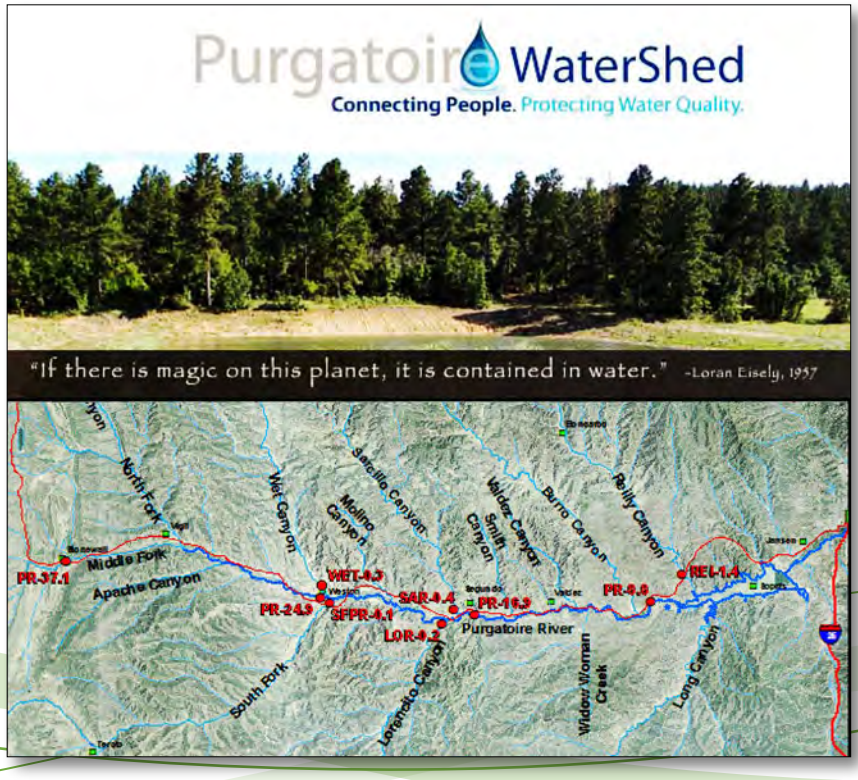
Tetra Tech Project in Purgatoire River Basin, Trinidad, Colorado

Purgatoire Basin Hydrological Monitoring & Web Site

TETRA TECH - PURGATOIRE BASIN MONITORING & WEB SITE	
PROJECT OWNER	TETRA TECH
PROJECT NAME & LOCATION	Purgatoire River Basin, Trinidad, CO Real Time Water Monitoring Project for Shale Gas Application
PROJECT DESCRIPTION & SCOPE OF WORK	Provided complete Iridium based real time water monitoring system for shale gas project Customed designed and currently host a real-time web site for data collection & dissemination (data on-demand, event-triggered & scheduled)
AWARD DATE	March 2010
CONTACT(S) INFORMATION	Marshall Massaro, P.G. , Environmental Scientist II, Tetra Tech RMC, Longmont, Colorado Direct: 720.864.4562 , Office: 303.772.5282 | marshall.massaro@tetratech.com
STATION EQUIPMENT	9210 XLite Datalogger Iridium modem with antenna & accessories Web site design & Web hosting services, data processing, data delivery, storage & alarms
TELEMETRY & RECEIVE SITES	Iridium communications SutronWIN.com www.purgatoirewatershed.org
CHALLENGES	Customer needed complete system as soon as possible. Sutron delivered and installed stations within 30 days.
INNOVATIVE SOLUTIONS DESIGNED FOR THIS PROJECT	All data is 100% accessible via the web but the users did **not** have to invest in a server, softwrae or manpower to create or maintain.



Continous Monitoring Stations

Quick 3-Day Graphs:
Purgatoire River above Trinidad Lake
Reilly Canyon near Mouth
Purgatoire River below Sarcillo Canyon
Lorencito Canyon near Mouth
Sarcillo Canyon near Mouth
South Fork Purgatoire River near Mouth
Wet Canyon near Mouth
Purgatoire River above Wet Canyon
Purgatoire River at Stonewall

Graphical Reports For All Stations:
Today
This Week
This Month
This Year

Tabular Reports For All Stations:
Today
This Week
This Month
This Year

Custom Reports

USGS Flow Graphs:
Purgatoire River at Madrid,CO
Purgatoire River below Trinidad Lake