

Animas Watershed Project

Watershed Plan Strategy

5.15.2008

Updated: 5.29.2008

This planning strategy is designed to make use of the stakeholder knowledge base by providing a means for stakeholder feedback and interaction in several mediums. Namely, the stakeholders will have a process for adding content to the Watershed Map, the Annotated Bibliography, and directly to the Watershed Plan.

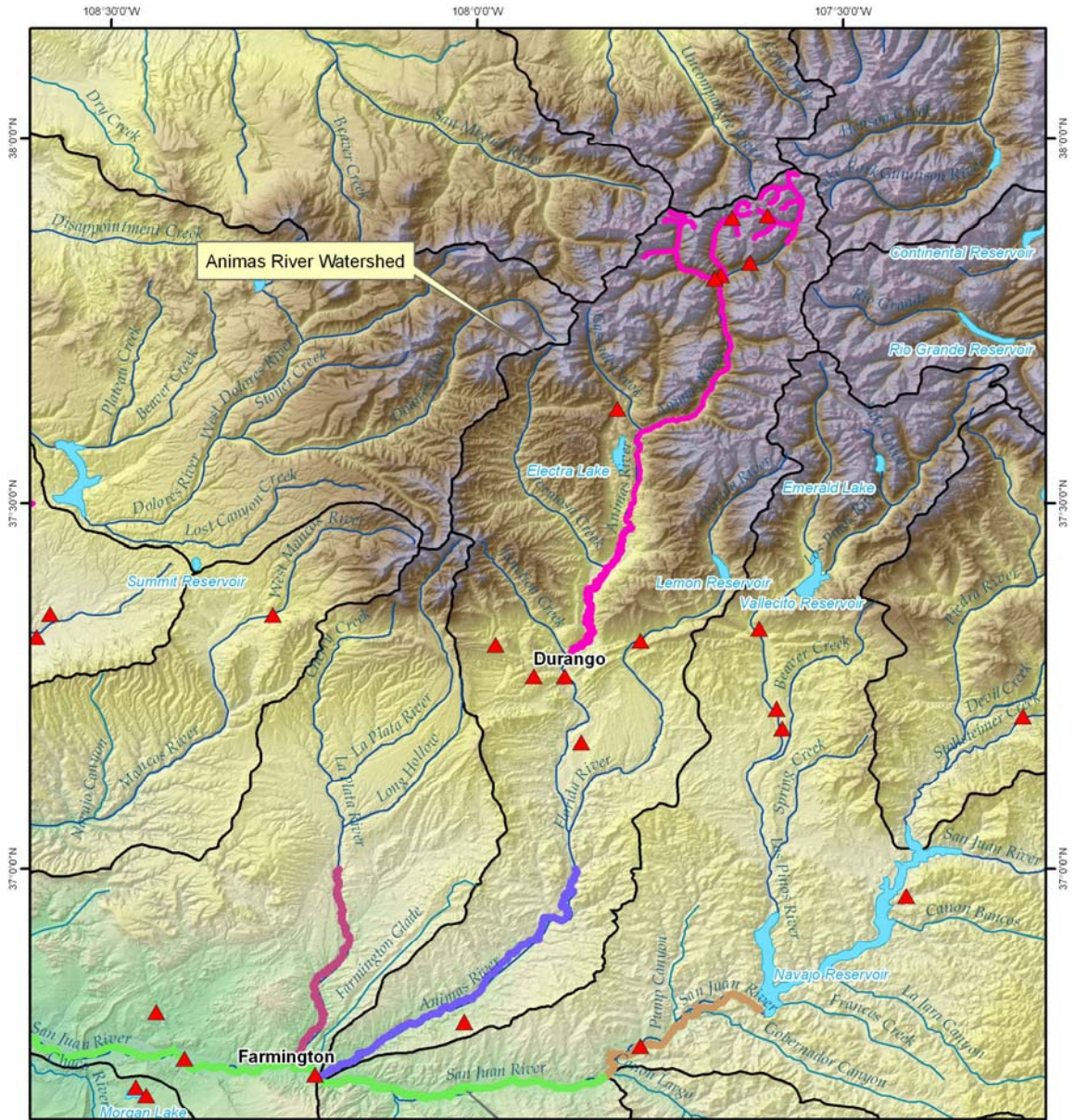
A large format map indicating water quality issues will be printed and displayed at stakeholder meetings (Figure 1 example). Sticky pads, arrow markers, and pens will be provided in order for stakeholders to add information directly to the map. This information will be documented in the GIS system within 'stakeholder input' layers. Point, line, and polygon layers will be created for stakeholder input as appropriate, with stakeholder name, meeting date, and water quality issue associated with the map element.

An annotated bibliography will be generated in order to ensure that the most complete and up to date set of research will be reflected in the Watershed Plan. Stakeholders will be able to add reports, peer reviewed research, personal communications, etc. to the bibliography. The most recent bibliography will be available on the Project Web Site (www.ecosphere-services.com). In order to add bibliographic entries, please e-mail them to tyler@bugsconsulting.com.

The project team will implement a web based tool called 'Basecamp', whereby stakeholders who join the Document Review Committee can review sections of the Watershed Plan and post comments for others to see. Basecamp is essentially a website that Stakeholders log into where discussion threads can be posted and documents can be reviewed. Stakeholders will be invited to join the Document Review Committee via e-mail and regular mail. Stakeholders can join the Committee at any time during the process in order to have input to the Watershed Plan. Sections of the Watershed Plan will be available for review according to the following schedule. The final draft will be complete in February 2010. The timeline for the current funding cycle of the AWP is attached.

Deleted: Stakeholders can bring input directly to a section of the Watershed Plan by reviewing the following Table of Contents. Make comments on a particular section, or on the structure of the Table of Contents. In addition, if any Stakeholder has already written material that would fit directly into the document outline, this material can be e-mailed to the project team and edited into the document.

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B.U.G.S
CONSULTING



Durango, Colorado

WATER QUALITY ISSUES AND IMPAIRMENTS

Animas Watershed Project

Water Quality Issues

- █ METALS
- █ NUTRIENTS
- █ STREAM BOTTOM DEPOSITS
- █ STREAM BOTTOM DEPOSITS, NUTRIENTS
- █ STREAM BOTTOM DEPOSITS, PATHOGENS

▲ NPDES Permits

Animas River Watershed

5/14/2008 AWP Meeting Handout

Watershed Plan Timeline

Section I. Introduction

- August 2008

Section II. Inventory of the Watershed

- October 2008

Section III. Water Quality Monitoring Data

- December 2008

Section IV. Water Quality Issues

- February 2009

Section V. Implementation Plan

- February 2009

Section VI. Funding & Evaluation

- March 2009

Section VII. Annotated Bibliography

- February 2010

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FINAL DRAFT FEBRUARY 2010

Objective	Tasks	Deliverables	Evaluation Plans	Responsible Party	2008				2009				2010				Dates
					Quarter				Quarter				Quarter				
					1	2	3	4	1	2	3	4	1	2	3	4	
1. Identify key players and decision makers to be involved in a successful watershed-planning group.	Attend ARSG, SJWG, and ARNW meetings. Compile a mailing list of contacts.	A report describing the establishment of a communication network necessary to draft a watershed management plan for the Animas Basin	Mailing list of key contacts available on website.	ARNW Coordinator report to CWPF	█												Complete
2. Conduct Initial Watershed Meeting.	Develop and distribute agenda for first meeting. Prepare power-point presentation describing project.	Minutes from first planning meeting	Minutes from first planning meeting include agreement to hire coordinator	ARNW Coordinator report to CWPF	█												Complete
3. Geographic Data Base	Compile water quality data. Compile land use data. Analysis of database. Presentation of map and data base	Multi Layered GIS Database	Presentation to stakeholders of map and database, identification of critical issues	B.U.G.S. In report to CWPF by Coordinator for secondquarter	▣	▣	▣	█									July 2008 - September 2008
4.1 Establish and operate stakeholder group in NM and CO.	Arrange meetings, calls and mailings for the second meeting. Develop and distribute agendas. Hold monthly meetings to develop a watershed plan, coordinate with other stakeholder efforts (including calls and meetings). Travel as needed and office supply expense.	Minutes from meetings. Drafts of nine-point watershed plan produced as group moves forward.	Group operating with monthly meeting notes/reports to stakeholders	Coordinator. QuarterlyReports.												█	March 2008 - February 2010
4.2 Coordinate stakeholder efforts for the second year	Conduct general business of the group. Organize & hold meetings monthly, perform activities defined in the plan, develop and seek funding for on-the-ground projects.	Group develops completed plan, completes SAP, continues to build capacity, coordinator prepares and submits five proposals.	Continued monthly meeting notes/reports to stakeholders. At least one new project is funded to allow the watershed group to move forward and implement additional demonstration projects.	Coordinator. Quarterlyreports.	▣											█	March 2008 - February 2010
5. Coordinate monitoring efforts among stakeholders	Develop study design. Common SAP, negotiation and technical work.	Basin Wide SAP	Organizations conducting monitoring within the Animas basin use common methods and communicate their results.	B.U.G.S. Consulting. Progress reported in appropriate quarterly reports.	▣											█	April 2008 - July 2009
6. Demonstration project in New Mexico	Identify project location and cooperators, design project with input from cooperators, obtain necessary permits (if any), and implement design.	Small on-the-ground project implemented in New Mexico to reduce pollutant loading into the Animas River	Project is documented with before/after photos and some water quality data	Coordinator, and cooperators to be determined.												█	April 2009 - June 2010
7. Administration	Keep records of expenses and track progress of project against workplan. Prepare and submit invoices for reimbursement. Complete quarterly status reports, final report, and other reports required by funders.	Quarterly status reports, final report summarizing entire project with analysis of what worked and what didn't work. Other reports as requested or required by funders will be prepared.	Sponsors are informed of project progress. Project finances are audit-worthy.	Coordinator. Final report to NMED and other sponsors.	▣											█	March 2008 - September 2010

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