

Exhibit A
Statement of Work

WATER ACTIVITY NAME – Construction of Municipal Water Distribution Pipelines and Related Facilities

GRANT RECIPIENT – La Plata Archuleta Water District

FUNDING SOURCE – Southwest Basin and Statewide Accounts

INTRODUCTION AND BACKGROUND

Provide a brief description of the project. (Please limit to **no more than 200 words**; this will be used to inform reviewers and the public about your proposal)

Construction of as many miles of municipal water distribution system along LaPlata County Roads 509 and 510 as the funds will allow, estimated to be approximately 2 to 2.5 miles.

OBJECTIVES

List the objectives of the project

The District has completed an agreement with the Town of Bayfield to receive water from the existing Bayfield treatment plant while an expansion of the treatment plant is being constructed. The expansion is planned to be constructed in 2013/2014 and is estimated to provide both entities with adequate treated water capacity for at least 10 years. The District will contribute approximately \$5 million towards construction of the expansion. To utilize the water from the treatment plant, the District plans to construct approximately 5 miles of pipeline along the Bayfield Parkway to County Road (CR) 509 then south along CR 509 to CR 510 and west on CR 510. The District will have approximately, \$2,750,000 from the 2010 and 2011 mill levy to construct the pipeline, but because construction bids have not been received the actual length of pipeline that can be installed is not definitively known. As soon as the pipeline is constructed the District may begin the first service to its customers.

The objective of the \$500,000 requested from the WSRA grant will be to extend the pipeline from the point that current District funds have been expended. The WSRA funds are estimated to construct approximately 2 miles of additional pipeline, depending upon the construction bids. The specific location and length of the pipeline funded by WSRA funds will be designated. All of the WSRA funds will be used for construction of the pipeline; the District will pay for construction oversight activities from District funds. The WSRA funds are estimated to serve approximately 60 customers directly from the section of pipeline and speed up the service to the other 1,800 to 3,600 potential customers of the District by 2030.

The WSRA funded pipeline will continue to be extended using District funds as the mill levy income allows until the entire approximately 200 miles of distribution pipelines are completed.

TASKS

Provide a detailed description of each task using the following format

TASK 1 – [Name]

Description of Task

Construction of municipal water pipeline with District funds.

Method/Procedure

The District will identify pipeline projects to be constructed with District funds. The necessary permits and approvals from the various local, State, and Federal entities, as well as rights-of way, for all projects will be obtained using District funds prior to construction. Most of this work has been completed or is currently being performed as of the date of this application for both the District and potential WSRA funded projects. These projects will bid and subsequently constructed.

Deliverable

The project constructed with District funds will be identified and constructed.

TASK 2 – [Name]

Description of Task

Construction of municipal water pipeline using WSRA funds.

Method/Procedure

Once the pipeline constructed by District funds has been bid and a better estimate of the cost per foot of pipeline can be determined, the length of additional pipeline that can be constructed with WSRA funds and matching District funds will be identified. Another project will be bid with the length of pipeline designed to utilize all of the WSRA and District matching funds, additional District funds will be used as necessary to ensure completion of the project.

Deliverable

The project constructed using WSRA funds will be identified and the documentation of the construction and the expenditure of funds will be provided.

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

BUDGET

Provide a detailed budget by task including number of hours and rates for labor and unit costs for other direct costs (i.e. mileage, \$/unit of material for construction, etc.). A detailed and perfectly balanced budget that shows all costs is required for the State's contracting and purchase order processes. Sample budget tables are provided below. Please note that these budget tables are examples and will need to be adapted to fit each individual application. Tasks should correspond to the tasks described above.

Total Construction Costs				
		WSRA Funds	District Funds	Total Project Costs
Task 1 - District only Pipeline Project			\$2,250,000	\$2,250,000
Task 2 – WSRA Pipeline Project		\$500,000	\$500,000	\$1,000,000
Total Costs:		\$500,000	\$2,750,000	\$3,250,000

Note: The funds described above are for construction costs with all money being used for construction contracting. The District will fund the construction oversight costs such as project management, inspection, and administrative costs, but these costs have not been tabulated in the tables below.

Example Titles

Example Project Personnel: Hourly Rate:	Project Manager	Project Engineer	Geologist	Scientist	Graphics/ Designer	Clerical		Total Costs
Task 1 -								
Task 2 -								
Total Hours:								
Cost:								

Other Direct Costs

Item:	Copies	Materials	Equipment/ Supplies	Mileage		Total
Units: Unit Cost:	No.			Miles		
Task 1 -						
Task 2 -						
Total Units:						
Total Cost:						

In-Kind Contributions (If Applicable)

Project Personnel: Hourly Rate:				Total
Task 1 -				
Task 2 -				

Total Hours:				
Total Cost:				

SCHEDULE

Provide a project schedule including key milestones for each task and the completion dates or time period from the Notice to Proceed (NTP). This dating method allows flexibility in the event of potential delays from the procurement process. Sample schedules are provided below. Please note that these schedules are examples and will need to be adapted to fit each individual application.

Example 1

Task	Start Date	Finish Date
1	Late 2012 or early 2013	To be determined
2	Mid to late 2013	To be determined

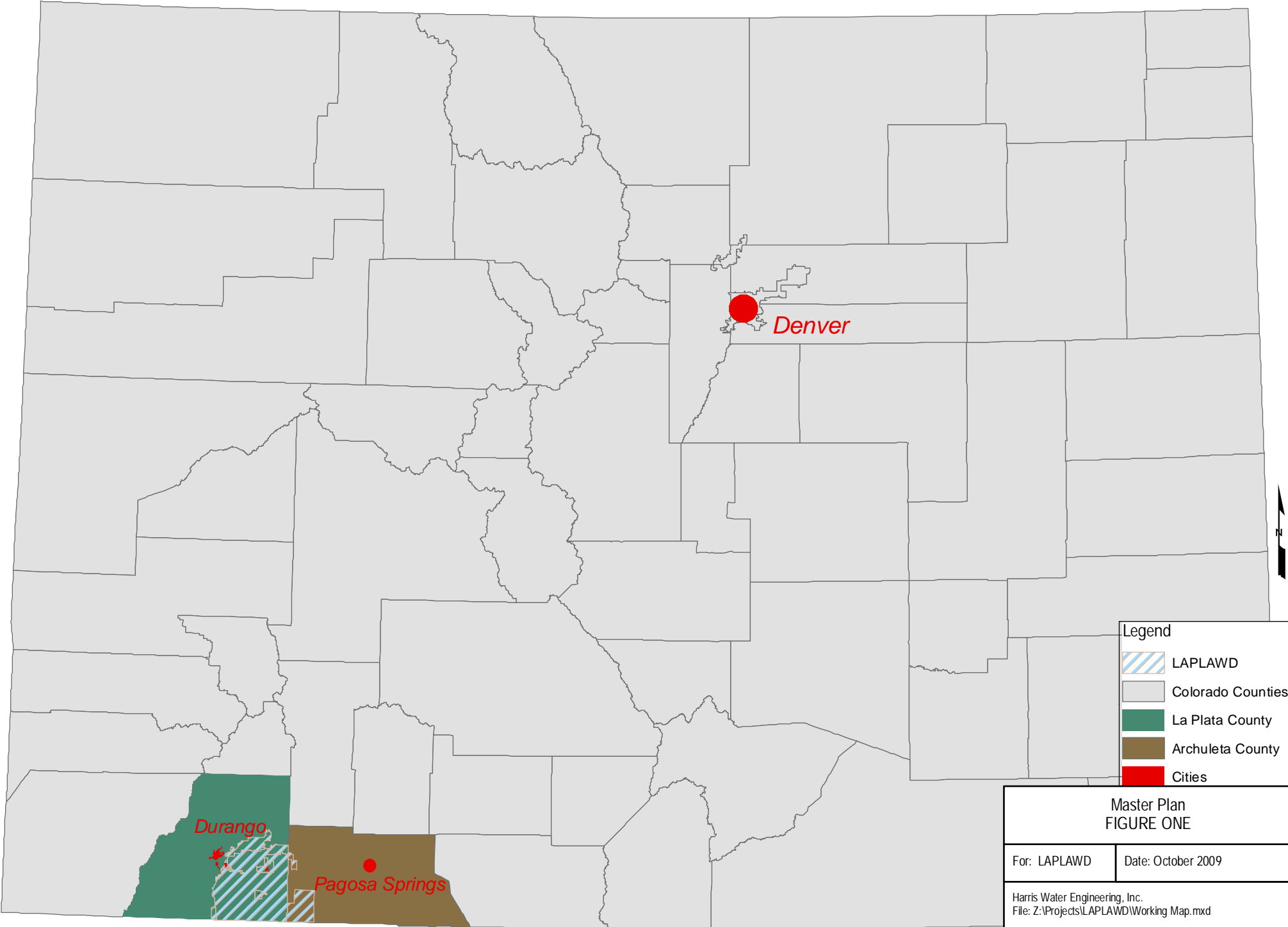
NTP = Notice to Proceed

PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

The payment method is fine with the District. The insurance requirements, Form W-9, and standard contract will also be followed as required for WSRA funding.

La Plata Archuleta Water District Location



La Plata Archuleta Water District Preliminary Pipeline Routing & Distribution System

As preliminary pipeline is completed in certain areas, then secondary routing will be constructed.

Legend

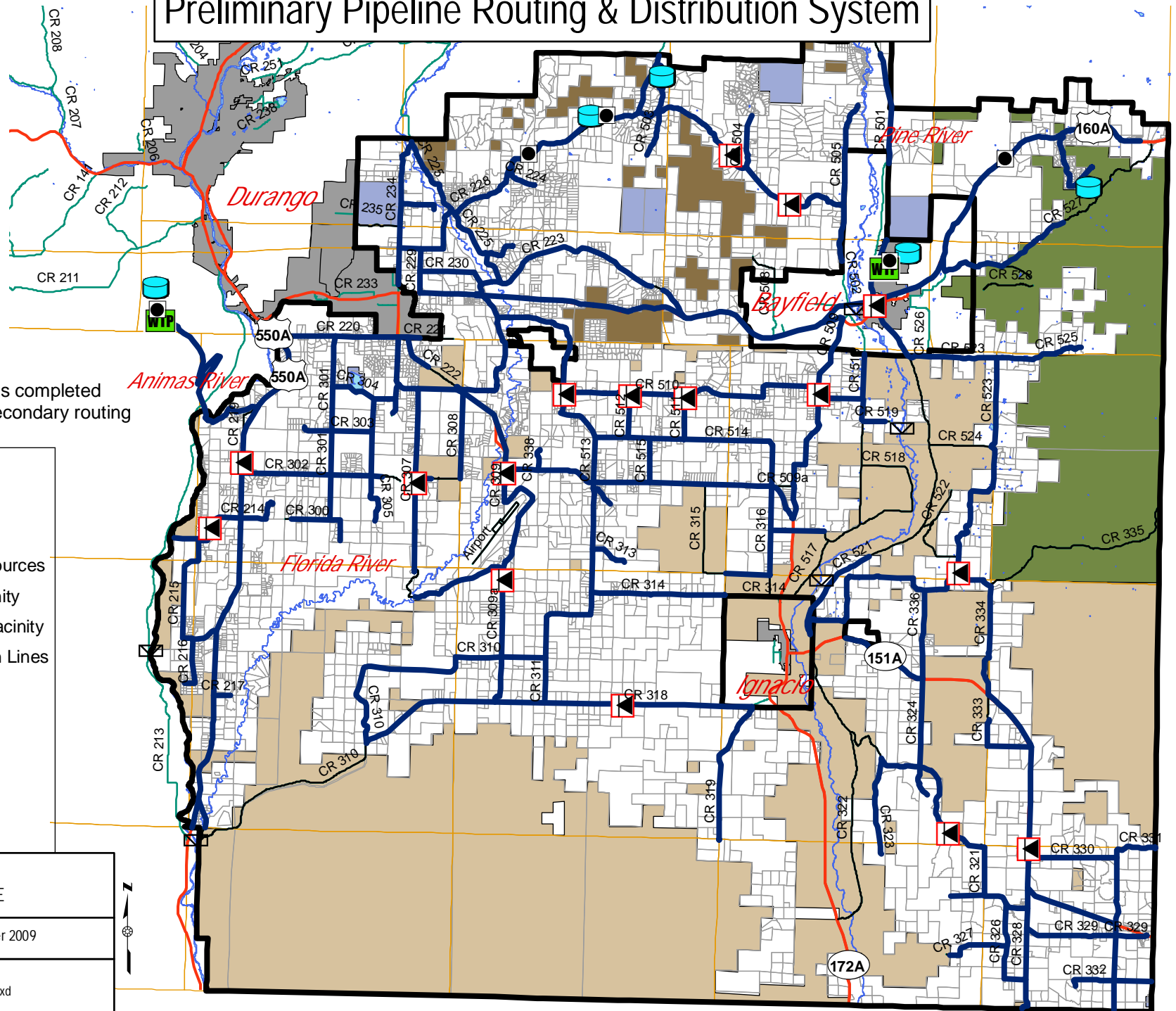
- Pumps
- ◻ PRVs
- ◻ Alternate Water Sources
- WTP TP - General Vacinity
- Tanks - General Vacinity
- Distribution & Main Lines
- Twn_Rng
- Cities
- BIA
- BLM
- COLORADO
- USFS

Master Plan
FIGURE NINE

For: LAPLAWD

Date: October 2009

Harris Water Engineering, Inc.
File: Z:\Projects\LAPLAWD\exclusions.mxd



CONCEPTS FOR BASIN EVALUATION AND PRIORITIZATION

This is an attachment to the standard WSRA application to address the specific information request of the Southwestern Basin Roundtable:

Required:

- A. Projects must be submitted on an application form used by the State IBCC and CWCB. All applicable sections must be completed. *See attached application.*
- B. Projects must address the values encompassed by the SW Basin Bylaws, especially the following goals and objectives:
- Seek the involvement of all interested parties and stakeholders.
 - Propose methods or projects, both structural and non-structural, for meeting any future needs as well as utilizing any unappropriated waters.
 - Promote the protection, conservation, and use of water in the Southwestern Colorado Roundtable area.
 - Promote the socio-economic sustainability of the Southwestern Colorado Roundtable area.
 - Promote the protection and conservation of the natural environment, including the protection of open space.
- C. Provide the financial details of the plan, including cost sharing and other possible funding sources. Give a financial overview and rough timeline for completion of the project.

To assist the Southwest Roundtable in determining whether and to what extent a proposed project meets the values set forth in the Bylaws, the following questions should be addressed separately as can reasonably be answered by the applicant.

1. What benefit(s) does the project provide? Are there multiple purposes?

Note: this does not mean that a single purpose project would be rejected, but for major funding requests, addressing multiple use needs would be an advantage.

The project is an IPP that has been advancing from inception to the initiation of construction with the assistance of WSRA funds. WSRA has provided funding that has allowed the project to reach the construction phase and it is appropriate to complete the funding cycle by also providing a portion of the construction funds. The project will provide an adequate supply of good quality drinking water to areas of LaPlata County initially and eventually Archuleta County that presently do not have such water. The District and the Town of Bayfield are cooperating on an expanded water treatment plant that will reduce the construction and operation costs of both entities.

2. Outline the steps needed for completion of the project. What permit issues must be overcome? How will funds acquired in this process be used to accomplish the final goal?

The LaPlata County and federal environmental permits to construct the portion of the pipelines using WSRA funds have been submitted and if not issued by the time this application is submitted, are imminent. The funds requested in this application have not and will not be used for the permitting but entirely for construction.

3. For prioritization of different proposals and assessment of the merits of the plan, can this project be physically built with this funding. Are further studies needed before actual construction is commenced(if the project anticipates construction)? Will these studies or additional steps delay the completion of the project substantially?

The requested funds are entirely for construction which will commence at the time or shortly after the funds are available.

4. How does the proposal envision and anticipate support from its beneficiaries or from other sources in addition to the funding requested here? Would a loan reasonably address the needs of the applicant or, with a grant, should a recommendation be added to assess the future project status for ability to repay a portion of the grant?

The District has held three successful elections of residents of the District: August 2008 to form the District; May 2010 to assess a mill levy and "de-Bruce"; November 2011 to authorize debt. All three elections have been successful which clearly indicates the support of the beneficiaries of the water system. The pipelines are for treated water and therefore not eligible for CWCBA loans.

5. What is the ability of the sponsor to pay for the project? What actions have been taken to secure local funding? Are there supporting factors which overcome the sponsor's inability to pay? (These could be related to basin water needs and compact considerations).

The District has a mill levy that will over time pay for the project facilities. The use of WSRA funds for construction will reduce the time to construct the facilities.

6. What alternative sources of water or alternative management ideas have you considered? Are there water rights conflicts involving the source of water for the project? If so, please explain.

There are no conflicts, the project is ready for construction.

7. How has public input been solicited and is there local support for the project? Have the beneficiaries solicited funding, letters or other documentation to demonstrate support?

Refer to the answer to question #4 and the three elections that have been held.

8. Is there opposition to the project? If there is opposition, how have those concerns been addressed?

Refer to the answer to question #4 and the three elections that have been held.

9. How does the project affect the protection and conservation of the natural environment, including the protection of open space?

Not applicable.

10. What is the impact of the proposed action on other non-decreed values of the stream or river? Non-decreed values may include things such as non-decreed water rights or uses, recreational uses and soil/land conservation practices.

The water source is the existing Vallecito Reservoir and water is treated at an existing water treatment plant, so there is no impact to non-decreed values.

11. How does the project relate to **local** land use plans? If conflicts exist, how will these be addressed?

The District service plan was approved by the LaPlata County Board of Commissioners prior to the three elections. The service plan was negotiated with the County to comply with its land use plans.

12. Identify any intrabasin conflicts and how they will be addressed.

No conflicts.

13. Identify any interbasin impacts and how any conflicts would be addressed.

No conflicts.

14. How does the project support agricultural development or protect the existing agricultural economy?

(1) Presently new home developments are mostly constructed on irrigated land because of the availability of well water is most likely. The District rural water system provides a source of water that is not dependent on irrigation recharged well water so the developments can be placed on non-irrigated land. (2) Many ranchers haul water during the non-irrigation season for livestock in and around their homesteads, the water system will provide a less expensive and easily accessible livestock water supply. (3) The District is a partner with the Pine River Irrigation District to provide the water and the Los Pinos Ditch company to deliver water to the treatment plant. In both cases the District is providing substantial financial payments to those entities that will be used to assist in keeping the irrigation costs affordable.