Project Consistency with the Upper Pit IRWMP

Each of these three projects is identified as a Tier 1 implementation project in the IRWMP. This means that both the Project Review Committee (PRC) as well as the RWMG identified it as a priority project meeting the goals and objectives identified by the RWMG in the IRWMP.

The PRC purposefully considered issues, objectives, and resource management strategies, among other Guideline-compliance considerations, when developing and refining projects. Projects often address multiple objectives and sometimes multiple resources management strategies identified in the IRWMP, and these projects have been thoughtfully developed to address cost savings, energy conservation (where possible), and climate adaptation.

The table below shows how the three projects included in this grant application are compliant with IRWMP objectives and resource management strategies (RMS), and indicates how the projects were strategically constructed to better answer regional needs and priorities.

Project	Regional Objectives Met	RMS Used	Strategic Considerations
Bieber Tank Refurbishment	**5A.** Conduct at least two water-supply infrastructure projects that could include: leak detection and repair; distributions system pipeline replacement; creation of supply redundancy; water tank storage repair/replacement; and meter calibration, repair, and replacement that help improve the integrity of local water supply. **5C.** Provide conservation education via water bills throughout the watershed by designing a series of outreach materials that can be used by all water purveyors.	**Surface Storage – Regional and Local**: The Bieber water tank is an integral component of the community's water system and is in need of significant repair efforts. Without this tank there would be no community water source. **Drinking Water Treatment and Distribution**: Will restore the water tank in Bieber to ensure that water of good quality continues to be available to the community.	The Project Review Committee specifically included Bieber in this package because of the fact, a DAC despite the lack of an official of flexibility in interpreting data within the DWR system. This project is critical to the community and the lack of a match for this particular need for the project benefits. There is no alternative project that will meet the project objectives. While the RWMG decided not to rank objectives, this is a high priority project for this community.
McArthur Tank Installation	**5A.** Conduct at least two water-supply infrastructure projects that could include: leak detection and repair; distributions system pipeline replacement; creation of supply redundancy; water tank storage repair/replacement; and meter calibration, repair, and replacement that help improve the integrity of local water supply. **5C.** Provide conservation education via water bills throughout the watershed by designing a series of outreach materials that can be used by all water purveyors.	**Surface Storage – Regional and Local**: The McArthur water tank expands the storage capacity of the FRVCSD by 1 full day of supply, increasing pressure throughout the system to meet fire demands. **Drinking Water Treatment and Distribution**: Will increased pressure throughout the system to avoid infiltration and contamination.	Use of water tanks to augment supply, increase operational flexibility, and address great within the DAC communities across the region. Therefore, recruiting new projects using a similar methodology was not required because this integration (i.e.: replacement/installation of tanks) had already been identified as a strategy across the region. There is no alternative project that will meet the project objectives within a limited available budget. Preliminary engineering did identify other alternatives (water tower and a remote elevated tank), but the proposed project was the least expensive option. This project has multiple benefits to the jurisdiction (pressure management, supply augmentation, and adding flexibility to the system) and meets a variety of their needs. While the RWMG decided not to rank objectives, this is a high priority project for DACs.
Leak Detection and Repair	**5A**. Conduct at least two water-supply infrastructure projects	**Urban Water Use Efficiency**: Conducts supply-side system	This project has integrated the needs of three water purveyors and will meet those needs through the purchase of a single set of leak

	that could include: leak detection and repair; distributions system pipeline replacement; creation of supply redundancy; water tank storage repair/replacement; and meter calibration, repair, and replacement that help improve the integrity of local water supply. **5C**. Provide conservation education via water bills throughout the watershed by designing a series of outreach materials that can be used by all water purveyors.	efficiency improvements, including leak detection and repair and replacement of water delivery infrastructure for customers of community service districts and towns Implements the RMS portfolio, but does not diversify it	detection equipment and provision of a joint training event. This will maximize the investment of grant funds and will create a redundancy in the region, as far as knowledge sharing and the availability of qualified operators. While the RWMG decided not to rank objectives, the DAC communities involved in the process have rated leak detection as a high priority project among those submitted; hence the expansion of the project from one to three communities. This model of purchasing equipment that can be used by multiple communities is a regional strategy whose success will be built upon wherever applicable. This concept of creating an economy of scale was developed as a result of this project and will be applied elsewhere.