

SEWER AUTHORITY MID-COASTSIDE
Staff Report

Subject / Title

Receive Summary of and Discuss Alternatives For Recycled Water Project – Phase 2.

Staff Recommendation:

Receive Summary of and Discuss Alternatives For Recycled Water Project – Phase 2.

Fiscal Impact:

None.

Discussion/Report:

At the last SAM Board Meeting, Director Lohman suggested that the Recycled Water Committee start discussions on Phase 2 of the Recycled Water project.

In general, Phase 2 of the recycled water project is comprised of the planning, permitting, design, and construction necessary to produce recycled water beyond the production limit of Phase 1. At the current level of planning, that would be a production rate somewhere from 0.6 million gallons per day (MGD) up to SAM's maximum flow.

The previous Carollo reports considered two options for two levels of recycled water production:

- Option 1 - Average Daily Dry Weather Flow – approximately 1.65 MGD, and
- Option 2 - All flow – up to 3.0 MGD

Because of the larger output and the variation in SAM's flow, storage (most likely off-site) was identified as a necessary element of Option 2. The Pilarcitos Creek Restoration Workgroup studies also considered producing tertiary treated recycled water for the entire SAM's output, including wet weather flows, up to 15 MGD.

Subsequent studies by SRT Consultants further refined Phase 2 as a 1.65 MGD facility potentially serving several irrigation customers selected by the Board, including but not limited to the Nurserymen's Exchange, Daylight Farms, and Skylawn cemetery. A 1.65 MGD facility has been identified as having sufficient capacity to serve the six main potential recycled water customers as directed by the Board. Phase 2 would also include a substantial pipeline network for the recycled water distribution.

There are no attachments to this staff report.