



Perris North Basin Implementation Plan

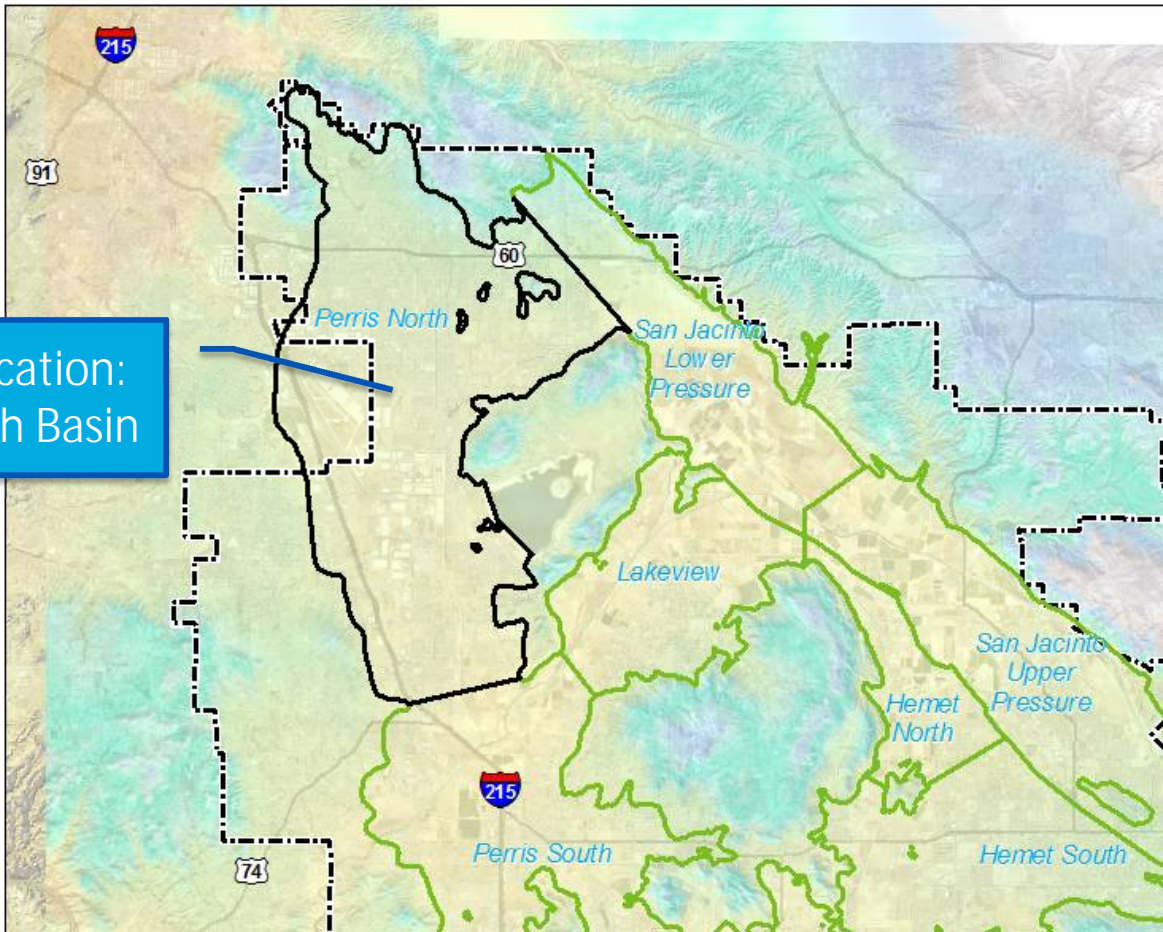
Brian Powell, P.E.

April 11, 2019

Background

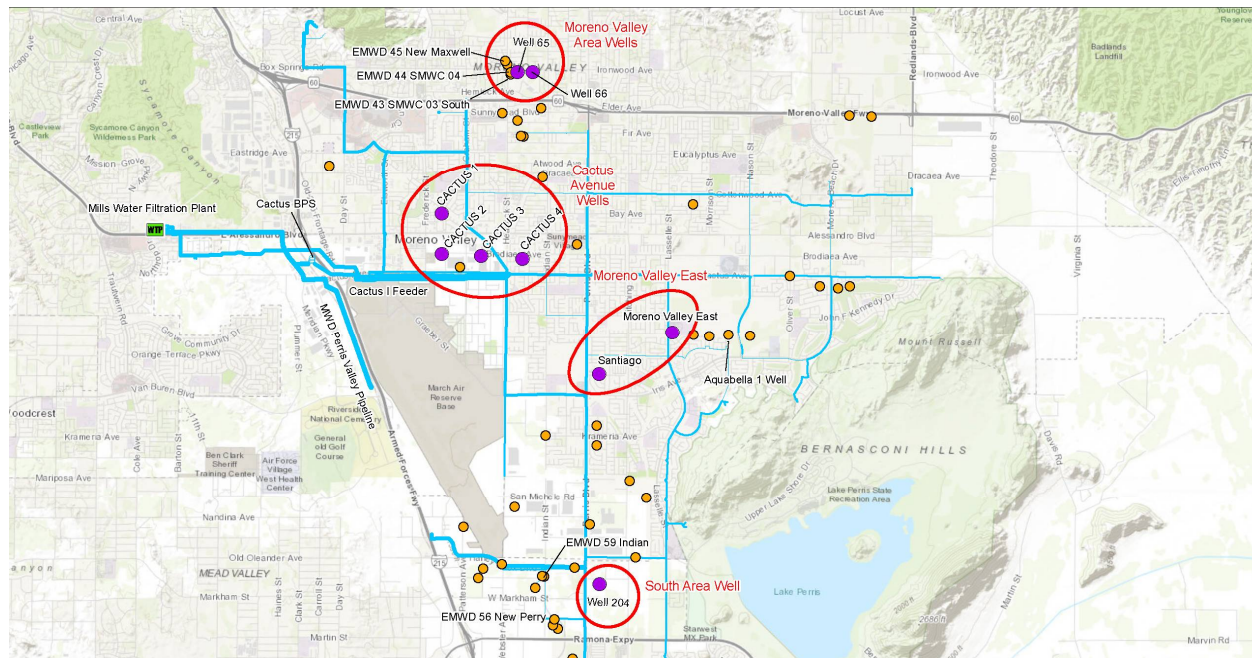
EMWD has been pursuing opportunities for additional groundwater resources in Perris North Groundwater Management Zone (Perris North) in the Moreno Valley area.

Project Location:
Perris North Basin



Groundwater Conditions

- Rising groundwater levels with various contaminants
- Since 2016, EMWD developed and advocated a proposed program to capture and treat contaminated groundwater within the Perris North Basin
- Proposed program includes series of extraction wells in the vicinity of MARB, pipelines, and treatment facilities to capture up to 6,700 acre-feet per year



Grant Funding Application

- In pursuit of Proposition 1 Grant Funding, EMWD submitted a Concept Proposal to the State Water Resources Control Board (SWRCB) in August 2018
- EMWD has focused the proposed program on groundwater cleanup, basin protection and water supply production
- In March of 2019, EMWD submitted a full application for proposed program requesting \$36M grant funding (50% of program costs)
- Support letters received from U.S. Air Force, Department of Water Resources, MWD, Senator Roth, and Governor's Military Council

Grant Timeline

- Notification of application result by Summer 2019
- If successful, funding agreement may be finalized by late 2019
- Deadline for program costs eligible for reimbursement is June 2023
- Need to position program to advance expeditiously and maximize grant funding
- Program calibration including development of Implementation Plan to facilitate CEQA review and preliminary/final design

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Scope of work:

- Project management
- Wells and facilities siting
- Preliminary pipeline alignments
- Wells and treatment facilities layout
- Groundwater modeling
- Update costs estimates
- Prioritize and sequence program components

Negotiated with Kennedy Jenks Consultants (\$145,730) and Woodard & Curran (\$158,188) from competitively selected as-needed services list to prepare planning and groundwater modeling studies

Recommendations

Approve and authorize the following:

1. Execution by the General Manager, or his designee, of the District's standard form of contract with Kennedy Jenks Consultants, of Murrieta, California, in an amount not to exceed \$145,730 for treatment site siting and preliminary pipeline alignments;
2. Execution by the General Manager, or his designee, of the District's standard form of contract with Woodard & Curran, of Sacramento, California, in an amount not to exceed \$158,188 for groundwater modeling and well siting; and
3. Appropriation of \$374,000 to fund the Perris North Basin Implementation Plan.



Contact Information

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