

Eastern Municipal Water District

2270 Trumble Road
P.O. Box 8300
Perris, CA 92572-8300



Notice of Exemption

To: Riverside County Clerk
2724 Gateway Drive
Riverside, CA 92507

Project Title: San Jacinto Valley Regional Water Reclamation Facility Digester Gas Handling Improvements
Project Location: 770 North Sanderson Avenue
City: San Jacinto
County: Riverside

Description of Nature, Purpose, and Beneficiaries of Project:

San Jacinto Valley Regional Water Reclamation Facility’s (SJVRWRF) digester gas system has been experiencing recurring issues with the pressure in the digesters caused by the gas flow exceeding the compressor’s capacity. This triggers alarms and requires the SJVRWRF operations staff to manually adjust the valves, diverting the excess gas to the flare. Gas buildup in the gas storage sphere is also flared off due to low usage. This manual operation presents a safety concern. Much of the anaerobic digester equipment is also nearing the end of its useful life.

The scope of the project includes the installation of two new compressors, a glycol chiller and heat exchanger system, the replacement of the existing scrubbers and media, and the addition of motorized valves at key points in the system to enhance automation. Additionally, modifications to operational setpoints will be made to increase efficiency and the construction of an outdoor enclosure will protect the new equipment and staff. Beneficiaries of the project are SJVRWRF operations staff and EMWD ratepayers.

Public Agency Approving and Carrying Out Project: Eastern Municipal Water District

Exempt Status:


Categorical Exemption. 15301(a)

Reasons why project is exempt:

This class of exemption covers the repair and maintenance of an existing public facility involving no expansion of SJVRWRF’s design capacity. The project will install new equipment and replace existing equipment as a solution to the excess pressure build up in the digesters. The enhancements to automation will allow the equipment to run without staff interference, addressing the safety concern. Overall, the modifications will be made to increase efficiency of the gas digester system without increasing SJVRWRF’s rated capacity.

EMWD Contact: Joe Broadhead

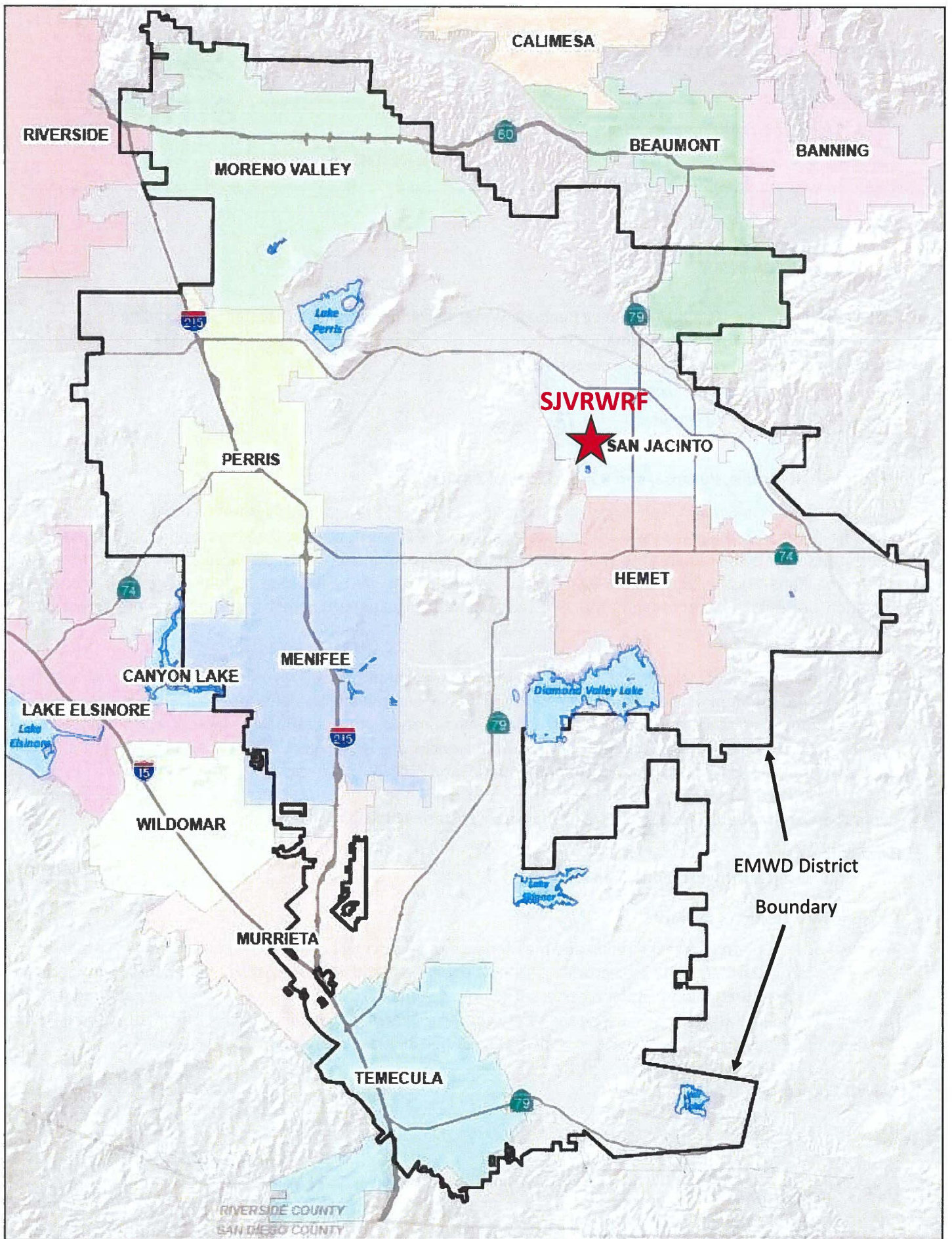
Phone: (951) 928-3777, ext 4545

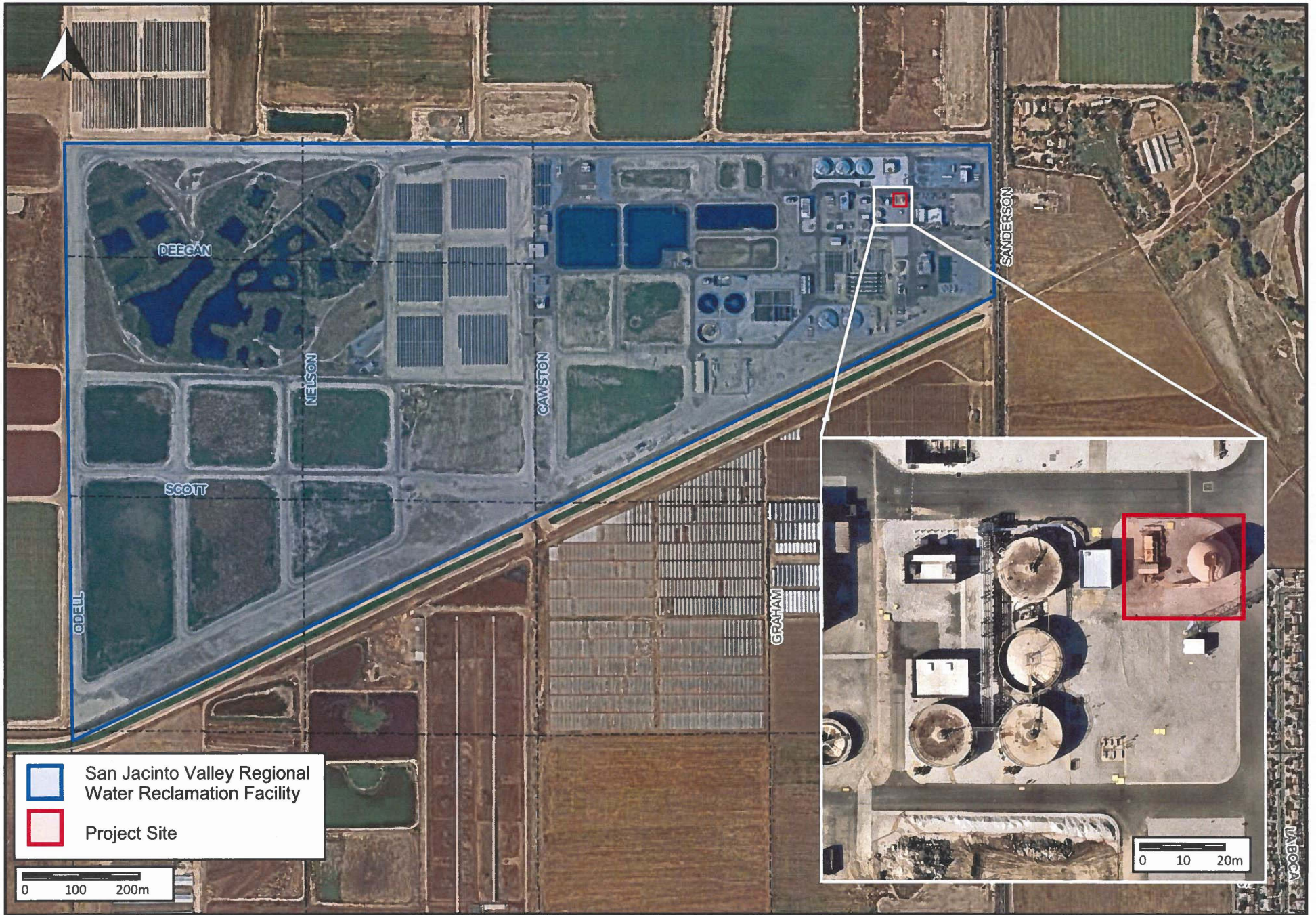


Joe Broadhead
Principal Water Resources Specialist

5-14-25

Date





SJVRWRF Digester Gas Handling Improvements

EXHIBIT 2: SITE LOCATION MAP