

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: Perris Valley Regional Water Reclamation Facility Sidestream Treatment and Digester Gas Hydrogen Sulfide Removal Project
Project Location: 1301 Case Rd
City: Perris
County: Riverside

Description of Nature, Purpose, and Beneficiaries of Project:

The effects of community development in Eastern Municipal Water District's (EMWD) service area have led to increased nitrogen loading in the wastewater treatment system at Regional Water Reclamation Facilities (RWRF). The RWRF Sidestream Treatment Feasibility Study conducted in 2019 helped EMWD identify Perris Valley RWRF (PVRWRF) as a site for nitrogen reduction through sidestream treatment, which is used to lower high strength ammonia concentrated in reject water from biosolids dewatering. Sidestream treatment will help PVRWRF meet the effluent concentrations standards for nutrients without conducting major plant expansions. To increase the sidestream treatment's nitrogen removal efficiency and lower maintenance and operations costs, a digester gas hydrogen sulfide removal facility (DGHSRF) is to be added to the existing digester gas system at PVRWRF. This DGHSR will help reduce ferric chloride use and increase alkalinity to improve nitrogen removal efficiency of the sidestream treatment process while also reducing biogas emission to meet Air Quality Management District permit requirements. Beneficiaries of the project are EMWD ratepayers.

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

Exempt Status:

Categorical Exemption. 15301 (b)

Reasons why project is exempt:

Implementation of the project would result in the operation, repair and maintenance, and minor alterations of an existing facility with no expansion to the existing use and public utility service provided. The sidestream treatment and digester gas hydrogen sulfide removal facility will address the issue of excess nitrogen and help PVRWRF treat the influent of nutrient it receives in an efficient way and without expanding PVRWRF's design capacity.

EMWD Contact: Joe Broadhead

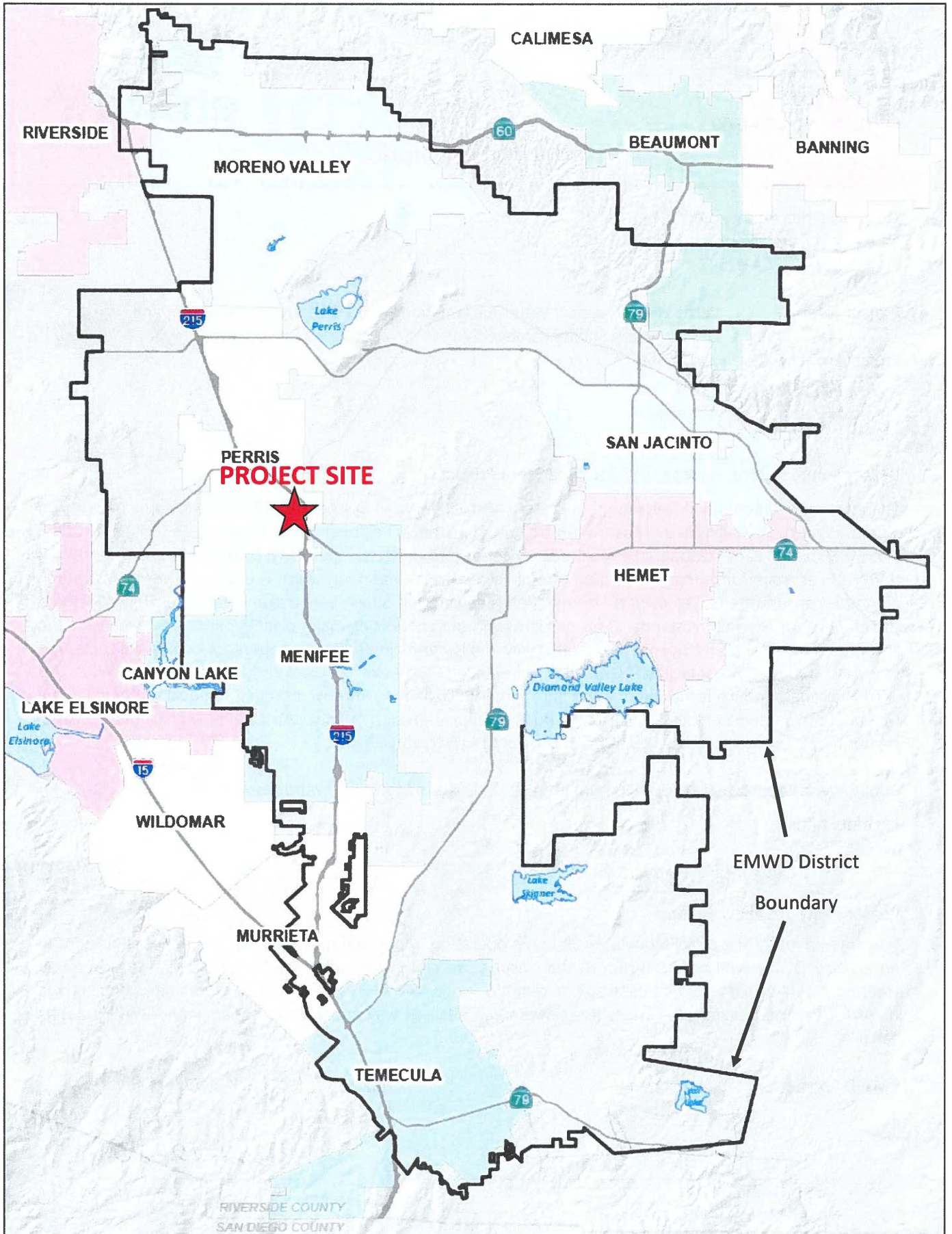
Phone: (951) 928-3777, ext 4545



Joe Broadhead
Principal Water Resources Specialist

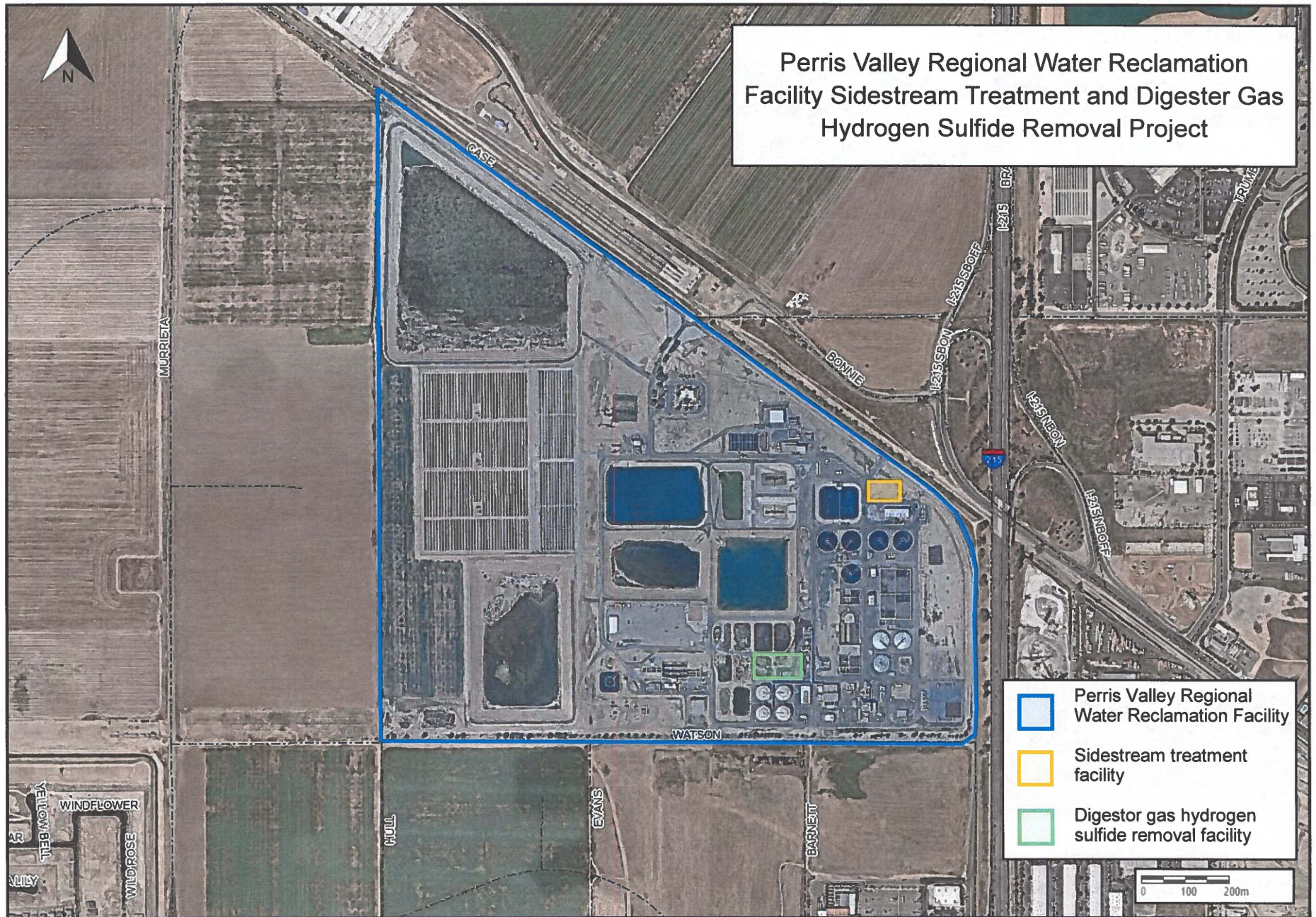
2-12-25

Date



PVRWRF Sidestream Treatment and Digester Gas Hydrogen Sulfide Removal

EXHIBIT 1: REGIONAL LOCATION MAP



PVRWRF Sidestream Treatment and Digester Gas Hydrogen Sulfide Removal

EXHIBIT 2: SITE LOCATION MAP



PVRWRF Sidestream Treatment and Digester Gas Hydrogen Sulfide Removal

EXHIBIT 3: SITE LOCATION MAP