

Attachment 10

Disadvantaged Community Assistance

Project B: Quail Valley Subarea 9 Phase I Sewer System Project (Eastern Municipal Water District)

Quail Valley is in the City of Menifee, adjacent to the City of Canyon Lake. It is a severely Disadvantaged Community, with a yearly Median Household Income (MHI) of \$31,650. Eastern Municipal Water District (EMWD) provides potable water to the area. EMWD proposes to install a sewer collection system in a portion of Subarea 9 of Quail Valley to replace the approximately 149 failing individual septic systems. The proposed Phase 1 sewer system would replace the septic systems and eliminate the resulting health hazards from surface and subsurface sewer effluent, which flow to nearby Canyon Lake Reservoir, a potable water supply for Elsinore Valley Municipal Water District (EVMWD), and a recreational facility for the citizens of Canyon Lake. There are also approximately 66 vacant lots in this area. The failing septic systems result in septic effluent running through the community and downstream to Canyon Lake. Canyon Lake has been listed as an impaired water body by the federal government, due to elevated levels of nitrates, phosphorus and pathogens. In wet weather conditions especially, children walk through the surface effluent on their way to school. Additionally, because of the failing septic systems, in some areas the soil between the surface and underlying bedrock has become saturated with septic effluent. Because the water lines in Quail Valley were constructed approximately 40 years ago, the potential exists for septic effluent to enter the potable water system. The hilly topography of the area creates challenges for design of a gravity sewer collection system. The 2010 sewer planning study commissioned by EMWD indicated that a gravity sewer system combined with a lift station and force main would provide the best solution in dealing with the topographic challenges.

EMWD commissioned an income survey for Quail Valley by Rural Community Assistance Corporation (RCAC) (copy of cover letter attached). RCAC determined the median household income (MHI) for all of the 1,339 parcels in Quail Valley, of which Subarea 9, Phase 1 is a part, to be \$31,650. This makes it a severely disadvantaged community, which is 60% of the statewide MHI, and is considerably lower than the value of \$48,706, which is 80% of the Statewide MHI. The Quail Valley Subarea 9 Phase 1 Sewer System will provide for proper conveyance of wastewater and will help eliminate a serious health hazard. The project will help increase home values, increase the ability to sell or improve properties, attract further development into the community, and help raise the standard of living of the community. Because of the costs involved, many of the existing septic systems are not properly maintained. Operation and maintenance of the sewer system will be performed by EMWD rather than the existing situation in which private owners maintain their individual septic systems.

The Quail Valley Subarea 9 Phase 1 Sewer System will help provide a reliable water supply, promote sustainable water solutions, and help ensure high quality water for all users by removing nutrients and pathogens from Canyon Lake. The project will also improve regional integration and coordination by engaging stakeholders in planning and implementation and increasing communication and coordination. Construction of a sewer system to replace failing individual septic systems will prevent contaminated ground and surface waters from entering Canyon Lake. Residents will not be exposed to the health risks associated with contaminated ground and surface water, and it will allow residents to improve existing residences, and build on unimproved lots.

A copy of a letter from the Quail Valley Environmental Coalition to EMWD dated September 14, 2012, which indicates support for the Project is attached. Also attached is a copy of the Memorandum of Understanding signed by EMWD, Elsinore Valley Municipal Water District, the Cities of Menifee and Canyon Lake, and the Quail Valley Environmental Coalition that outlines the support and responsibilities of the parties involved in moving the project forward.



September 14, 2012

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Mr. Scott Mann
President
Quail Valley Environmental Coalition
30098 Red Barn Place
Canyon Lake, CA 92587

Subject: Quail Valley Sub Area 9 Project

Dear Mr. Mann:

Eastern Municipal Water District (EMWD) is preparing an application to the Santa Ana Watershed Project Authority (SAWPA), to obtain Proposition 84 funding through the One Water One Watershed (OWOW) program. EMWD would like to include your agency as a supporter of this project.

The Quail Valley Phase 1 Sub Area 9 Project includes installation of a sewer collection system in Sub Area 9 of Quail Valley to replace the approximately 225 failing individual septic systems. The proposed sewer system would replace the septic systems and eliminate the resulting health hazards from surface and subsurface sewer effluent.

Connections for the new sewer system are proposed to be made to Elsinore Valley Municipal Water District's (EVMWD) sewage collection and treatment facilities. Studies prepared by EVMWD to evaluate whether their existing infrastructure could accommodate the additional flows concluded that flows from homes in the Subarea 9 of Quail Valley could be received without additional improvements to their system.

By signing and returning a copy of this letter, you will have indicated your agency's support of this project. Thank you, in advance, for your help and cooperation.

Sincerely,

Paul D. Jones II, P.E.
General Manager

Scott Mann, President
Quail Valley Environmental Coalition



RCAC
www.rcac.org

September 20, 2012

Paul Jones II, P.E. General Manager
Eastern Municipal Water District
2270 Trumble Road
Perris, CA 92572

Subject: *Eastern Municipal Water District –Quail Valley Median Household Income Survey Results*

Dear Mr. Jones:

The Eastern Municipal Water District requested that Rural Community Assistance Corporation (RCAC) perform an income survey of the Quail Valley service area in Perris, California. The purpose of this survey is to establish a median household income (MHI) level for grant and loan funding programs and sources.

The MHI for Quail Valley is **\$31,650** with a response rate of 29.5 percent.

There are a total of 1339 parcels within the project area. Of the 1339 parcels, 382 responded to the survey, resulting in a 28.5 percent response rate. A 13 percent response rate was the minimum required for the number of parcels surveyed. The 382 responses account for a 29.5 percent response rate.

The survey was designed and conducted per State and Federal guidelines established for the United States Department of Agriculture (USDA) Rural Development and the California Department of Public Health to determine Statewide Median Household Income Levels. The 2012 California statewide MHI is determined to be \$58,553. Disadvantaged households are set at 80 percent of the statewide MHI (80% of \$58,553 = \$46,842) and Severely Disadvantaged households are set at 60 percent of the statewide MHI (60% of \$58,553=\$35,132).

Please free feel to contact me if you have additional questions or need further assistance. I can be reached at phone: 916/549-3265, or e-mail: karenm@rcac.org.

Sincerely,

Karen D. McBride

Karen D. McBride
Rural Development Specialist-Environmental

CC. Stevan Palmer, RCAC, Rural Development Specialist II
Meghan Brown, State Water Resources Control Board
Bonnie Wright, Grant & Loan Administrator

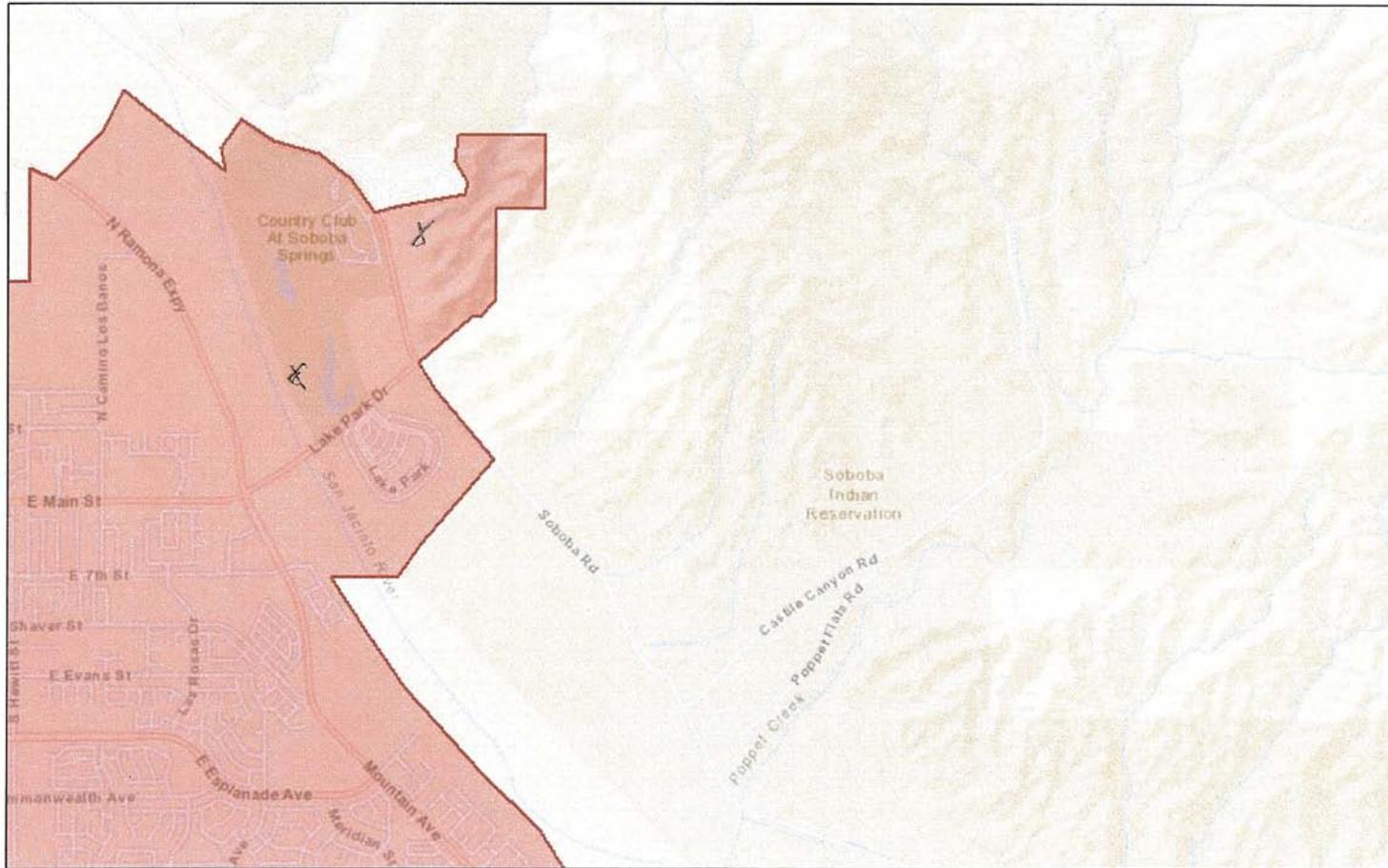
Project R: Soboba Band of Luiseño Indians Wastewater Project (Soboba Tribe)

The Development Plan (i.e. feasibility study) will determine if, how, and where the Soboba Band of Luiseño Indians will construct a wastewater treatment facility on the reservation. The service area of the wastewater management facility includes areas covered by SAWPA's DAC map exhibiting disadvantaged communities in Madera and Riverside County. The map can be found in this document.

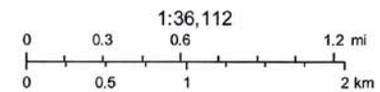
If the feasibility study determines that Soboba can move ahead with the construction of the wastewater treatment facility, the facility will address critical water needs such as the wastewater treatment and water reclamation inclusive of: cultural/archeological issues, environmental impact considerations, general regulatory considerations, effluent disposal options and limitations, discharge and recycling of wastewater to agricultural and other reuse of water after treatment. Further, the Tribal lands and surrounding disadvantaged communities will be served properly by a wastewater treatment facility which will reduce reliance on tanks being pumped out with the risk of ground seepage and contamination. Again, how much of an impact the facility can have will be determined by the feasibility study.

Additionally, Soboba owns and operates a sanitary sewer system and wastewater disposal is accomplished through the use of two fifty thousand (50,000) gallon septic tanks with homes served by individual septic tanks. The potential for failure of septic tanks and ground seepage of pathogens or pollutants to groundwater which affects drinking water (Soboba relies on Wells) is detrimental to Soboba's health and well being. Septic tanks need to be pumped out to reduce this risk and old tanks or improper records of location can make this extremely difficult. Another issue to consider as population and growth occurs is density. Systems that are sited in densities that exceed the treatment capacity of regional soils and systems that are poorly designed, installed, operated or maintained can cause problems.

DACs - Madera County to Riverside County (14 Counties) - Beta 1.0



September 20, 2012



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, IPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

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