

**NOTICE OF PUBLIC HEARING AND INTENT TO ADOPT A
MITIGATED NEGATIVE DECLARATION**

The City of McFarland has completed an initial study of the possible environmental effects of the following described project and has determined that a Mitigated Negative Declaration is appropriate. It has been found that the proposed project, as described and proposed to be mitigated (if required), will not have a significant effect on the environment. This determination has been made according to the California Environmental Quality Act (CEQA), the State CEQA Guidelines, and the City of McFarland's CEQA Implementation Procedures. As mandated by State law, the minimum public review period for this document is 30 days. The document and documents referenced are available for review by contacting Curtis Skaggs of Dee Jaspar & Associates, Inc. (City Water Engineer) at (661) 393-4796.

PROJECT NAME

Browning Road Tank and Booster Pump Station Project

PROJECT LOCATION

The Browning Road project work is located on APN 201-130-18 at 760 Browning Road, McFarland, California in Section 7, T26S, R26E, M.D.B.&M.

The emergency standby diesel generators will be installed at the following locations:

Well 1 Tank & Booster Pump Station Site: APN 200-233-10 near the intersection of Sherwood Avenue and 2nd Street in McFarland, California in Section 12, T26S, R25E, M.D.B.&M.

Garzoli Well Site: APN 060-420-24 at 13101 Garzoli Avenue, McFarland, California in Section 11, T26S, R25E, M.D.B.&M.

Remote read meters will be installed as replacements to existing meters at each customer service throughout the City water distribution system.

PROJECT DESCRIPTION

The proposed project is for the City of McFarland and involves the construction of a 1,2,3-TCP treatment system, a 1.0 MG welded steel storage tank, a 2,500 gpm booster pumping station at the existing Browning Rd well site facility, installation of an emergency standby diesel generator at the existing Garzoli Well site and at the existing Well 1 Tank and Booster Pump Station site, and replacement of existing water meters with remote read meters throughout the water distribution system.

The Browning Road well site property is approximately 208-ft by 208-ft or approximately 1-acre and is enclosed by a 6-ft tall masonry block wall and site landscaping.

Subgrade preparation will involve over-excavation of 3-ft beneath and 5-ft beyond the concrete foundations for the 1,2,3-TCP treatment system, the 1.0 MG storage tank, and the diesel generators. The material will be compacted to 90% relative compaction to reduce the potential for settlement. The earthwork will involve moving approximately 295 cubic yards beneath the 1,2,3-TCP treatment system foundation, approximately 790 cubic yards beneath the storage tank, and approximately 50 cubic yards beneath each of the generators. The material will balance so there is no import or off-haul of dirt.

The site subgrade preparation is anticipated to involve approximately 20 working days. It is anticipated that the following pieces of equipment will be used during construction activities:

- Loader
- Backhoe
- Skip and Drag
- Sheepsfoot Compactor

The 1,2,3-TCP treatment system foundation is approximately 48.5-ft by 42.5-ft and 2-ft thick or approximately 155 cubic yards of concrete. The concrete ringwall foundation for the 1.0 MG storage tank is an approximate 87-ft outside diameter with the foundation being 2-ft wide and 2.5-ft deep or approximately 50 cubic yards. An oiled sand cushion will be installed inside the concrete ringwall foundation with 4-inch thick oiled sand over 6-inch Class II aggregate base compacted to 95% relative compaction. Three booster pump foundations will be constructed each approximately 3-ft wide by 6-ft long and 3-ft thick or approximately 2 cubic yards each. The diesel generator foundations are each 14-ft by 26-ft or approximately 14 cubic yards each.

The 1,2,3-TCP treatment system will involve the installation of six 10-ft diameter by 22-ft tall granular activated carbon pressure vessels to remove 1,2,3-TCP. The vessels will be installed so that three pairs of vessels operate in series. Twelve-inch diameter C900 DR18 PVC piping will be installed underground approximately 150-ft from the well discharge piping to the treatment system and then transition to fusion bonded epoxy lined and coated steel piping installed above ground surface for the influent piping to the vessels. Fusion bonded epoxy lined and coated steel piping will be installed for the effluent piping from the vessels and then transition below ground surface and fill the 1.0 MG storage tank. In addition, fusion bonded epoxy lined and coated steel piping will be installed for backwash and flushing water and transition to twelve-inch diameter C900 DR18 PVC piping below ground surface approximately 2,500-ft to an existing storm water retention basin. The pipe trench will be approximately 3-ft wide and approximately 5-ft deep.

The 1.0 MG welded steel storage tank will be approximately 85-ft in diameter and 32-ft tall with a gross storage volume of approximately 1,357,000 gallons and a net storage volume of approximately 1,000,000 gallons.

The booster pump station will have 30-inch diameter fusion bonded epoxy lined and coated steel piping for the suction manifold and 24-inch diameter fusion bonded epoxy lined and coated steel piping for the discharge manifold. Three booster pumps will be installed. Two booster pumps will have a capacity of 650 gpm each with 40 hp motors and a variable frequency drive. The third booster pump will have a capacity of 1,200 gpm with a 60 hp motor and a variable frequency drive. The booster pump station will connect to the 1.0 MG storage tank on the suction side and will connect to the existing hydropneumatic tank on the discharge side.

The treatment system, welded steel storage tank, and booster pump station facility will be painted a neutral color (tan) to prevent corrosion and be aesthetically pleasing.

The installation of emergency standby diesel generators at the Garzoli site and the Well 1 Tank and Booster Pump Station site will involve trenching and installation of underground electrical conduits from the existing electrical panel to the generator. The trenches will be approximately 12-inches wide and 24-inches deep. Modifications to the existing electrical will be made to add an automatic transfer switch. The diesel generators will be set and anchored to a concrete foundation.

The City has existing water meters installed throughout the water distribution system for residential customers and commercial customers. There are a total of approximately 2,900 meters. These meters will be removed and replaced with remote read meters.

The construction activity is anticipated to involve approximately 18 months. However, equipment will not run continually or on a daily basis throughout this entire construction period. It is anticipated that the following heavy pieces of equipment will be used during construction activities:

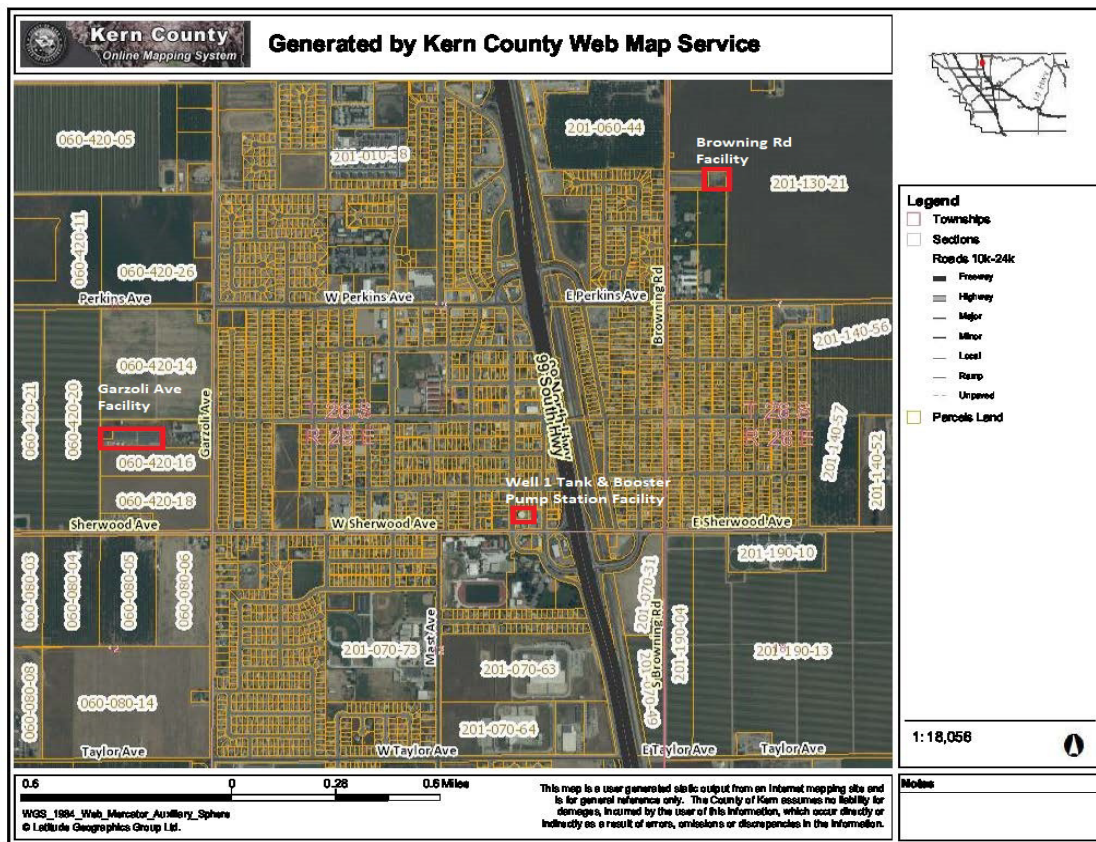
- Excavator
- Loader
- Backhoe
- Crane
- Concrete Trucks
- Concrete Pumper
- Generator
- Air Compressor
- Small Tools
- Welding Truck
- Service Trucks

Construction of the project is anticipated to span an approximate 18 to 24 month period.

COMMENT PERIOD

Comment Period Begins: August 21, 2023

Comment Period Ends: September 22, 2023



Vicinity Map of Project