

0226-29

RECEIVED WITH FEE
RECEIPT # 15152001

CEQA

Transmittal Memorandum for 2026

RECEIVED
KERN COUNTY

FEB 03 2026

AIMEE X. ESPINOZA
AUDITOR CONTROLLER-COUNTY CLERK
BY [Signature] DEPUTY

Attach **one** transmittal memorandum to the front of the original CEQA document. Clip copies in the back.
1) If notice requires F&W receipt, you must provide a minimum of 3 copies of the notice.
2) If notice does not require F&W receipt, you must provide a minimum of 2 copies of the notice.

TYPE OR PRINT CLEARLY

LEAD AGENCY City of McFarland

PROJECT TITLE Water System Improvement and Treatment Project

PROJECT APPLICANT City of McFarland

PHONE NUMBER (661) 792-3091

PROJECT APPLICANT ADDRESS: 401 W. Kern Avenue

CITY McFarland STATE CA ZIP CODE 93250

FILED
KERN COUNTY

FEB 04 2026

AIMEE X. ESPINOZA
AUDITOR CONTROLLER-COUNTY CLERK
BY [Signature] DEPUTY

WORK ORDER # _____ 30-Day Posting 35-Day Posting 45-Day Posting Other _____

CONTACT PERSON Yerlys Hernandez PHONE NUMBER (661) 792-3091

CHECK DOCUMENT BEING FILED:

- Notice of Availability.....No Fee
- Notice of Intent.....No Fee
- Notice of Preparation.....No Fee
- Notice of Public Hearing.....No Fee
- Other _____ No Fee
- Environmental Impact Report (EIR).....\$4227.50
 - Previously paid F&W (must attach F&W receipt) F&W Receipt Number# _____
 - DFG No Effect Determination (F&W letter must be attached).....No Fee
 - County Administrative Fee.....\$50.00
- Mitigated Negative Declaration or Negative Declaration.....\$3043.75
 - Previously paid F&W (must attach F&W receipt) F&W Receipt Number# _____
 - DFG No Effect Determination (F&W letter must be attached).....No Fee
 - County Administrative Fee.....\$50.00
- Notice of Exemption.....No Fee
 - County Administrative Fee.....\$50.00

TOTAL \$ 3,093.75

*Additional copies to be returned to: _____

*Method of return: Hold for pick-up/Call # _____ Interoffice Mail

PAYMENT METHOD: ALL APPLICABLE FEES MUST BE PAID AT THE TIME OF FILING

- JV – Ledger Account _____ Cost Center _____ Fund _____ Spend Category _____
- Money Order
- Check

Notice of Environmental Document
Posted by County Clerk on 02/04/2026
and for 30 days thereafter, Pursuant to
Section 21152(C), Public Resources Code

24339



Kern County
Auditor Controller

1115 Truxtun Avenue
Bakersfield, CA 93301-4639
Phone: 661-868-3599

Wednesday Feb 04 2026 02:06:11 PM

CEQA - NOD w/ Neg Dec 26339	3,043.75
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CEQA - County Clerk Fee 26339	50.00
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Total	3,093.75
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Telecheck 010172	3,093.75
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Thank you for your payment.
Have a great day!

Receipt #: 1677MCO-20260204-9

RECEIVED WITH FEE
RECEIPT # 15152001

Notice of Determination

Appendix D

To:

Office of Planning and Research
U.S. Mail: Street Address:
P.O. Box 3044 1400 Tenth St., Rm 113
Sacramento, CA 95812-3044 Sacramento, CA 95814

County Clerk
County of: Kern
Address: _____

From:

Public Agency: City of McFarland
Address: 401 W. Kern Avenue
McFarland, CA 93250
Contact: Yerlys Hernandez
Phone: 661-792-3091

Lead Agency (if different from above): _____

Address: _____

Contact: _____

Phone: _____

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2025111093

Project Title: Water System Improvement and Treatment Project

Project Applicant: City of McFarland

Project Location (include county): Kern

Project Description:

See attached.

**FILED
KERN COUNTY**

FEB 04 2026

**AIMEE X. ESPINOZA
AUDITOR CONTROLLER-COUNTY CLERK
BY [Signature] DEPUTY**

This is to advise that the City of McFarland has approved the above
(Lead Agency or Responsible Agency)

described project on 1/29/2026 and has made the following determinations regarding the above
(date)
described project.

1. The project [will will not] have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
 A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [were were not] made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [was was not] adopted for this project.
5. A statement of Overriding Considerations [was was not] adopted for this project.
6. Findings [were were not] made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at:

City of McFarland, 401 W. Kern Avenue, McFarland, CA 93250

Signature (Public Agency): [Signature] Title: Public Works Director

Date: 2/2/2026 Date Received for filing at OPR: _____

Authority cited: Sections 21083, Public Resources Code.
Reference Section 21000-21174, Public Resources Code.

Notice of Environmental Document
Posted by County Clerk on 02/04/2026
and for 30 days thereafter Pursuant to
Section 21152(C), Public Resources Code

26339

CITY OF MCFARLAND
WATER SYSTEM IMPROVEMENT & TREATMENT PROJECT

I. PROJECT DESCRIPTION

The proposed project is for the City of McFarland (City) and involves drilling and equipping a new municipal water well, construction of an oxidation, coagulation, filtration iron removal water treatment system, construction of a welded steel water storage tank and booster station, and a connection to the existing City distribution system.

The well site property is approximately 100-ft by 400-ft or approximately 0.9-acres. The site is currently a vacant, unimproved lot. The earthwork will involve moving approximately 1,000 cubic yards which will be off-hauled for disposal off site as directed by the City.

The site grading 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
- Excavator
- Skip and Drag
- Sheepsfoot Compactor
- Rammax Compactor
- Whacker Packers

The site earthwork requirements include over-excavation to 18-inches below proposed concrete foundations and will be recompact to 90% relative compaction to reduce the potential for settlement. Concrete foundations will be constructed for the deep well pump and motor, the booster pump foundations, the skid-mounted LayneOx treatment system, storage tank foundations, chemical building foundations, electrical foundation, and the hydropneumatic tank footings.

The well site property will be secured with approximately 930-ft of 8-ft tall masonry block wall and include drive gates and a personnel gate to Elmo Highway for site access. The well site will be surfaced with a combination of ¾" Class II aggregate base and hot mix asphalt paving, with the limits being the perimeter block wall.

The well is planned to be drilled to an approximate depth of 900-ft using the reverse rotary method. Water quality zone testing will be performed in the well pilot hole. The well construction work will include installing a 50-ft deep, 36-inch diameter steel conductor, drilling a 17 ½ - inch diameter pilot hole,

performing geophysical logging, water quality depth sampling, reaming of the pilot hole to 28-inch diameter, installation of 16-inch diameter steel casing, installation of gravel pack, installation of a bentonite annular seal, and well development. The initial development water will be disposed of in a 20,000-gallon tank and removed from the site. The development water will then be discharged to the existing adjacent storm drain sump. It is expected that the completed well will exceed the secondary drinking water standard for iron and that well head treatment in the form of oxidation, coagulation, and filtration will be used to remove iron.

The production well drilling phase will involve the drilling, construction, and development of a new municipal water supply well. It is anticipated to involve approximately 90 working days with active well drilling taking place 24 hours per day, seven days per week for approximately 45 of those working days. It is anticipated that the following pieces of equipment will be used during construction activities:

- Well Drilling Rig with Pipe Trailer
- Mud Pits
- Backhoe
- Loader
- Forklift

The deep well will have a 10-ft by 10-ft by 30-in thick concrete foundation and be equipped with a vertical turbine pump and vertical hollowshaft electric motor with a variable speed drive. The well will have a 10-ft by 10-ft by 11-ft high removable metal enclosure building for noise attenuation. The 12-inch well discharge piping will be metered using an electromagnetic flow meter.

The well discharge flow will be divided so that approximately two-thirds of the flow is conveyed to a skid-mounted LayneOx iron treatment system with a concrete foundation that is 68-ft by 19-ft by 24-in thick. The remaining one-third of the well flow will bypass the LayneOx iron treatment system. The bypass flow rate will be regulated using an automatic modulating control valve and will be blended with the treated flow from the LayneOx iron removal treatment system.

The blended flow will be conveyed into an AWWA D100 welded steel storage tank that will be constructed with a concrete ringwall foundation and oiled sand cushion. The storage tank dimensions will be 60-ft diameter and 24-ft side shell height. The storage tank outlet piping will be 18-inch diameter steel piping that feeds the suction header for three horizontal centrifugal split-case booster pumps. Each booster pump will have a concrete foundation that is 3-ft by 6-ft by 36-in thick. The booster pumps are each equipped with variable speed drives. Two of the pumps are 50hp and the third pump is 100hp. The pump discharge piping then enters a 12-in diameter discharge header. The discharge header enters a 3,000-gallon hydropneumatic pressure vessel which will be anchored to two concrete

footings each 13-ft long by 5-ft wide by 24-in thick. The 12-inch diameter booster station piping will transition below ground after the pressure vessel and transition to 12-inch C900 PVC pipe that will connect to the existing 12" PVC City distribution system water main that runs along the north side of the well site on the south side of Elmo Highway.

In addition, there will be a 144,000-gallon backwash tank with dimensions of 32-ft diameter and 24-ft side shell height. The tank will be an AWWA D100 welded steel storage tank on a concrete ringwall foundation and oiled sand cushion. The backwash tank will drain the supernatant back to the well discharge for treatment and/or drain to the City sewer.

There will be two fiber-reinforced polymer (FRP) chemical enclosure buildings to house the dual-walled chemical storage tanks, duplex chemical feed pump skids, and the continuous reagent-free pH and chlorine analyzer.

The first FRP building (18 ft × 12 ft) will provide protection for the 550-gallon chlorine storage tank, the 150-gallon ferric chloride storage tank, and the duplex chemical feed pump skids. These pumps will inject chlorine and ferric chloride for chemical pre-treatment of the raw groundwater prior to filtration through the LayneOx media.

The second FRP building (10 ft × 12 ft) will house the 550-gallon sulfuric acid storage tank and the duplex chemical feed pump skid used for sulfuric acid injection. This system will provide pre-treatment pH adjustment upstream of the LayneOx filter media vessels.

The well and treatment facility will be painted a neutral color (tan) and site landscaping installed around the perimeter of the site for it to be aesthetically pleasing and blend in with the adjacent community and neighborhood.

The well equipping and site development phase is anticipated to involve approximately 12 months. However, the equipment will not run continually or daily throughout this entire construction period. It is anticipated that the following heavy pieces of equipment will be used for approximately 180 working days during construction activities:

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

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

The well site will be routinely visited by a City operator – typically once per day to check on the operation and inspect for any issues along with the preparation of a daily report. Routine maintenance operations will include:

- Well Lubrication Check - daily
- Chlorine Tank Level Check – daily
- Sulfuric Acid Tank Level Check – daily
- Ferric Chloride Tank Level Check – daily
- Chlorine Residual Check – daily
- pH Check – daily
- Iron Level Check – daily
- Water Production Reading Check – daily
- Booster Pump check – monthly
- Well water level measurements – monthly
- Air Conditioning service – annually
- Site Cleanup - quarterly

A back-up emergency generator will also be installed as part of this project.



State of California - Department of Fish and Wildlife
2026 ENVIRONMENTAL DOCUMENT FILING FEE CASH RECEIPT
 DFW 753.5a (REV. 01/01/26) Previously DFG 753.5a

Print **StartOver** **Save**

RECEIPT NUMBER:
 15 — 02/04/2026 — **15152001**
 STATE CLEARINGHOUSE NUMBER (If applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY CITY OF MCFARLAND	LEAD AGENCY EMAIL	DATE 02/04/2026
COUNTY/STATE AGENCY OF FILING Kern	DOCUMENT NUMBER 26339	

PROJECT TITLE

WATER SYSTEM IMPROVEMENT AND TREATMENT PROJECT

PROJECT APPLICANT NAME CITY OF MCFARLAND	PROJECT APPLICANT EMAIL	PHONE NUMBER (661)792-3091
PROJECT APPLICANT ADDRESS 401 W. KERN AVENUE	CITY MCFARLAND	STATE CA
		ZIP CODE 93250

PROJECT APPLICANT (Check appropriate box)

- Local Public Agency
 School District
 Other Special District
 State Agency
 Private Entity

CHECK APPLICABLE FEES:

- | | | | |
|---|------------|----|----------|
| <input type="checkbox"/> Environmental Impact Report (EIR) | \$4,227.50 | \$ | 0.00 |
| <input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND) | \$3,043.75 | \$ | 3,043.75 |
| <input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW | \$1,437.25 | \$ | 0.00 |
|
 | | | |
| <input type="checkbox"/> Exempt from fee | | | |
| <input type="checkbox"/> Notice of Exemption (attach) | | | |
| <input type="checkbox"/> CDFW No Effect Determination (attach) | | | |
| <input type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy) | | | |
| <hr/> | | | |
| <input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only) | \$850.00 | \$ | 0.00 |
| <input checked="" type="checkbox"/> County documentary handling fee | | \$ | 50.00 |
| <input type="checkbox"/> Other | | \$ | |

PAYMENT METHOD:

- Cash
 Credit
 Check
 Other

TOTAL RECEIVED \$ 3,093.75

SIGNATURE

x

AGENCY OF FILING PRINTED NAME AND TITLE

M. CEDENO, KERN COUNTY CLERK, FSS