

**Summary Form for Electronic Document Submittal****Form F**

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: \_\_\_\_\_

Project Title: Pixley Public Utility District TCP Mitigation Project GAC Treatment at Wells 3A, 4, 5, & 6Lead Agency: Pixley Public Utility DistrictContact Name: Amanda RodariEmail: pixleypud@gmail.com Phone Number: (559) 757-3878Project Location: unincorporated community of Pixley Tulare County  
*City* *County*

Project Description (Proposed actions, location, and/or consequences).

See attached Project Description.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

See attached Mitigation, Monitoring, and Reporting Program Plan.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

No known areas of controversy.

Provide a list of the responsible or trustee agencies for the project.

Not applicable

# PROJECT DESCRIPTION

## Project Title

Pixley Public Utility District TCP Mitigation Project GAC Treatment at Wells 3A, 4, 5, & 6

## Lead Agency Name and Address

Pixley Public Utility District  
232 East Davis Avenue  
Pixley, CA 93256

## Contact Person and Phone Number

### Lead Agency Contact

Amanda Rodari  
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### CEQA Consultant

Provost & Pritchard Consulting Group  
Briza Sholars, Environmental Project Manager  
(559) 449-2700

## Project Location

The proposed Project is located at four existing well sites in Tulare County, California, within and near the unincorporated community of Pixley. The Project is located approximately 210 miles southeast of Sacramento and 38 miles northwest of Bakersfield. The centroid of the Project site is 35° 57' 53.82" W, 119° 17' 45.58" W. The Project is located on Assessor's Parcel Numbers (APNs) 299-084-001, 299-150-034, 298-060-023, 298-060-026, and 314-080-030. The Area of Potential Effect (APE) used for biological and cultural surveys is 16 acres, approximately four (4) acres at each site to allow for access and staging areas.

## General Plan Designation and Zoning

Project Area	General Plan Designation	Zoning District
<b>WELL 3A SITE (APN 299-084-001)</b>	Residential (Low Density)	R-1 (Single-Family Residential)
<b>WELL 4 SITE (APN 299-150-034)</b>	Commercial	C-2 (General Commercial)
<b>WELL 5 SITE (APNS 298-060-023/026)</b>	Residential (Low Density)	R-1 (Single-Family Residential)
<b>WELL 6 SITE (APN 314-080-030)</b>	Valley Agriculture	M-1 (Light Manufacturing)

## Description of Project

### Project Background and Purpose

The District is responsible for providing domestic water to the residents within the community of Pixley. The District currently has 815 connections within its service area. The District solely relies on groundwater for its source of water supply. Currently, the District owns and operates five active wells that are connected directly to its water distribution system. These wells are known as Well 3A, Well 4, Well 4A, Well 5, and Well 6. The most recent improvements to the District's water supply infrastructure resulted in the abandonment of a previous well (Well 2A) and the construction of Well 4A. Well 4A and Well 4 are located on the same site; however, the two wells utilize a bypass switch and are not operated at the same time. Together, the District's wells have a total maximum production efficiency of approximately 2,700 GPM or 3.88 MGD.<sup>1</sup>

The carcinogenic synthetic organic contaminant 1,2,3-Trichloropropane (TCP) has been detected at levels higher than the maximum contaminant level (MCL) within the water supply from Wells 3A, 4, 5, and 6.<sup>2</sup> On April 7, 2020, a feasibility study was prepared to investigate and determine what measures could be taken to treat the existing wells and bring them back into compliance. 1,2,3, TCP is an exclusively man-made synthetic organic chemical and a carcinogen. TCP was used as a component in agricultural soil fumigants applied over large areas of the Central Valley, including Tulare County. TCP is heavier than water, very slow to biodegrade naturally, and is sparingly volatile – all characteristics that make it persistent in the groundwater and difficult to treat. The Project would help remediate TCP contamination for Wells 3A, 4, 5, and 6 to ensure compliance with the MCL for drinking water consumption.

### Project Description

The District proposes four water treatment systems at four well sites for the remediation of 1,2,3-TCP. Each system would include similar improvements to the existing well sites. Project components would include the following:

#### Well 3A Site

- GAC wellhead treatment system
  - Includes two 12' diameter GAC vessels
  - Includes 10,000-gallon hydropneumatic tank
  - Includes approximately 300 linear feet of new storm drain pipeline from the Well 3A site south along Walnut Street to the existing storm water basin at the intersection of Walnut and Holste Ave.
  - Includes sand separator with sand separator pit
  - Includes 12.5% sodium hypochlorite (NaOCl) chemical building and chemical storage building (100-gallon storage drum)
  - Includes site asphalt paving approximately 9,000 square feet (SF)
  - Includes new access road that would be 15' wide and approximately 70' long

#### Well 4 Site

- GAC wellhead treatment system
  - Includes two 12' diameter GAC vessels

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<sup>1</sup> (County of Tulare Resource Management Agency 2015)

<sup>2</sup> (State Water Board 2023)

- Includes approximately 400 linear feet of new storm drain pipeline from the Well 4 site west along Compton Avenue to Main Street. The water main in the alley behind the Well 4 site would be replaced
- Includes sand separator with sand separator pit
- Includes 12.5% sodium hypochlorite (NaOCl) chemical building and chemical storage building (100-gallon storage drum)
- Includes site asphalt paving approximately 13,800 square feet (SF)
- Includes new access road that would be 15' wide and approximately 145' long

### **Well 5 Site**

- GAC wellhead treatment system
  - Includes two 12' diameter GAC vessels
- Includes approximately 650 linear feet of new treated water and storm drain pipelines from the Well 5 treatment parcel, west along Compton Ave to S Cedar Street
  - New raw water pipeline between the Well 5 parcel and the Well 5 treatment parcel
  - Includes sand separator with sand separator pit
  - Includes 12.5% sodium hypochlorite (NaOCl) chemical building and chemical storage building (100-gallon storage drum)
  - Includes site asphalt paving approximately 13,300 square feet (SF)
  - Includes new access road that would be 15' wide and approximately 80' long

### **Well 6 Site**

- GAC wellhead treatment system
  - Includes two 12' diameter GAC vessels
  - Includes approximately 200 linear feet of new storm drain pipeline
  - Includes sand separator with sand separator pit
  - Includes 12.5% sodium hypochlorite (NaOCl) chemical building and chemical storage building (100-gallon storage drum)
  - Excavation at the ponding basin north of the Well 6 site to provide more capacity

### **Construction Schedule**

Construction is anticipated to occur simultaneously lasting approximately 16 months.

### **Equipment**

Construction equipment would likely include an excavator, backhoe/loader, concrete truck, concrete pumper. Construction would require one super, one foreman, two operators, four laborers/carpenters/masons.

### **Operation and Maintenance**

The operation and maintenance (O&M) of the Project would be consistent with that of the District's other similar facilities and with what presently takes place at the well sites. O&M would continue to be performed by District staff.

# CHAPTER 5 MITIGATION, MONITORING, AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program (MMRP) has been formulated based upon the findings of the Initial Study/Mitigated Negative Declaration (IS/MND) for the Project in Tulare County. The MMRP lists mitigation measures recommended in the IS/MND for the Project and identifies monitoring and reporting requirements.

**Table 5-1: Mitigation, Monitoring, and Reporting** Program presents the mitigation measures identified for the Project. Each mitigation measure is numbered with a symbol indicating the topical section to which it pertains, a hyphen, and the impact number. For example, AIR-2 would be the second mitigation measure identified in the Air Quality analysis of the IS/MND.

The first column of **Table 5-1: Mitigation, Monitoring, and Reporting** Program identifies the mitigation measure. The second column, entitled “When Monitoring is to Occur,” identifies the time the mitigation measure should be initiated. The third column, “Frequency of Monitoring,” identifies the frequency of the monitoring of the mitigation measure. The fourth column, “Agency Responsible for Monitoring,” names the party ultimately responsible for ensuring that the mitigation measure is implemented. The last columns will be used by the Lead and Responsible Agencies to ensure that individual mitigation measures have been complied with and monitored.

**Table 5-1: Mitigation, Monitoring, and Reporting Program**

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
<b>Biological Resources</b>						
<b>BIO-1</b>	<b>(Avoidance):</b> The project’s construction activities will occur, if feasible, between September 16 and January 31 (outside of the nesting bird season) to avoid impacts to nesting birds.	September 16 to January 31	Once, as determined needed by qualified biologist during construction activities	PPUD with assistance of a qualified biological subconsultant	Biologist Report	
<b>BIO-2</b>	<b>(Pre-construction Surveys):</b> If activities must occur within nesting bird season (February 1 to September 15), a qualified biologist will conduct a pre-construction survey within five calendar days prior to the start of construction at each APE for nesting migratory birds within up to 50 feet outside of the APEs and for other nesting raptors within up to 450 feet outside of the APEs. All raptor nests would be considered “active” upon the nest-building stage. If no active nests are observed, no further action is required.	February 1 to September 15	Once, as determined needed by qualified biologist during construction activities	PPUD with assistance of a qualified biological subconsultant	Biologist Report	
<b>BIO-3</b>	<b>(Avoidance Buffers):</b> On discovery of any active nests near work areas, a qualified biologist will determine appropriate avoidance buffer distances based on applicable CDFW and/or USFWS guidelines, the biology of the species, conditions of the nest(s), and the level of project disturbance.	Prior to construction activities	Once, Prior to ground disturbing activities and the start of construction	PPUD with assistance of a qualified biological subconsultant	Biologist Report	
<b>Cultural Resources</b>						
<b>CUL-1</b>	<b>(Archaeological Remains):</b> Should archaeological remains or artifacts be unearthed during any stage of project activities, work in the area of the discovery shall cease until the area is evaluated by a qualified archaeologist. If mitigation is warranted, the project proponent shall abide by recommendations of the archaeologist.	During construction	Daily during construction activities	PPUD		

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
<b>CUL-2</b>	<b>(Human Remains):</b> In the event that human remains are discovered on the Project site, the Tulare County Coroner must be notified of that discovery (Health and Safety Code Section 7050.5) and all activities in the immediate area if the find or in any nearby area reasonably suspected of overlie adjacent human remains must cease until appropriate and lawful measures have been implemented. If the Coroner determines that the remains are not recent, but rather of Native American origin, the Coroner shall notify the NAHC in Sacramento within 24 hours to permit the NAHC to determine the most likely descendent of the deceased Native American.	During construction	Daily during construction activities	PPUD		
<b>Tribal Cultural Resources</b>						
<b>TCR-1</b>	<b>(Cultural Awareness Training):</b> Prior to construction and any ground disturbing activities, a Cultural Awareness Training Program shall be provided to all construction managers and construction personnel prior to commencing ground disturbance work at the project site. The training shall be prepared and conducted by a qualified archaeologist to the satisfaction of the District. The training shall be a length of time adequate to explain applicable statues, regulations, enforcement provisions; the prehistoric and historic environmental setting and context, local tribal groups; show sample artifacts; and what prehistoric and historic archaeological deposits look like at the surface and when exposed during construction. The training may be discontinued to new workers to the site when ground disturbance is completed. Construction personnel shall not be permitted to operate equipment within the construction area unless they have attended	Prior to construction or any ground disturbing activities	One Cultural Awareness Training prior to construction or any ground disturbing activities	PPUD		



<b>Mitigation, Monitoring, and Reporting Program</b>						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	the training. A list of the names of all personnel who attended the training, and copies of the signed acknowledgement forms shall be submitted to the District for their review and approval.					
TCR-2	(Curation Agreement) It is recommended that the District execute a curation agreement with the Santa Rosa Rancheria – Tachi Yokut Tribe for the Project. The tribe will provide the curation agreement document prior to ground disturbing activities. It is further recommended that they be contacted if any archaeological discoveries are made during Project construction and implementation.	Once prior to construction	Daily during construction activities	PPUD		