CITY OF MANTECA
Engineering Department

Notice of Intent to Adopt an Initial Study Mitigated Negative Declaration for the Well 29 TCP Treatment Project

Date: July 14, 2023

To: Responsible Agencies, Interested Parties, and Organizations

Subject: City of Manteca Well 29 TCP Treatment Project—
CITY OF MANTECA, SAN JOAQUIN COUNTY

Lead Agency: City of Manteca, Engineering Department
1001 W. Center Street
Manteca, CA 95337

Project Title: Well 29 TCP Treatment Project

The City of Manteca (City) is the California Environmental Quality Act (CEQA) Lead Agency for the proposed City of Manteca Well 29 TCP Treatment Project (Proposed Project). The City has directed the preparation of an Initial Study/Mitigated Negative Declaration (IS/MND) in compliance with CEQA.

Project Location: Well 29 is located at 614 El Portal Avenue in Manteca, California on the west side of Yosemite Village Park. Well 29 was drilled in 2017. The Project Area consists of a small neighborhood park that is regularly mowed and maintained. Low grass covers the majority of the Project Area with landscape trees and shrubs around the perimeter, a small play structure and basketball court to the west, scattered picnic benches, and a preexisting well building located immediately adjacent to the basketball court.

Project Description: The project involves constructing a Granular Activated Carbon (GAC) water treatment system to treat the water produced by Well 29 located in Yosemite Village Park to remove 1,2,3-trichloropropane (TCP) to achieve a treated water concentration that complies with California State Water Resources Control Board (SWRCB) Compliance Order No. 01-10-21R-002. This Order requires compliance with California Code Regulations, Title 22, Section 64444 on or before April 10, 2024. The maximum contaminant level (MCL) for 1,2,3-Trichloropropane (TCP) is 0.005 micrograms per Liter (µg/L). The City is considering two Layout Options as described below.

Layout Option A would place six new 12-foot-diameter GAC treatment vessels directly to the east of the existing well site on a concrete pad measuring 40 by 60-feet. The new GAC system would tie into the existing Well 29 raw water discharge pipe, prior to arsenic treatment, via two new 12-inch pipes that would run approximately 90-feet southwest. The new GAC vessels would discharge backwash waste into an 8-inch pipe running approximately 255-feet from the GAC vessels to the existing backwash tank located adjacent to the arsenic treatment system. The existing site fencing would be continued around the new treatment facility, and two 16-foot sliding gates would be added for maintenance access. The hypochlorite injection point for potable water disinfection would be relocated from the existing wellhead to an above-grade injection point after

the GAC treatment system. A connection to the existing sanitary sewer system would be made in the street adjacent to the site with a new sanitary sewer maintenance hole. An additional maintenance hole and drain lines would be installed onsite for collecting wash water from the backwash process and excess water that must be drained during media change-outs from the GAC delivery truck. Media change outs are completed by sending a water and media slurry from the treatment vessels to the GAC delivery trucks. Excess water must be drained from the trucks after the slurry pumping operation is completed and before the truck may depart. The water utilized to generate the slurry is potable water. The existing driveway would be widened by 14-feet and additional pavement added to accommodate the truck turning radius. Option A would require removal of one ornamental tree located at the southeast corner of the existing Well 29 footprint.

Layout Option B would include the majority of the same infrastructure as Layout Option A but would be located directly north of the existing well site. Due to the location of Option B, a new 16-foot-wide access driveway would be required just north of the new infrastructure. Since this layout option would be placed where the existing basketball court is located, a new basketball court is being proposed east of the existing playground. Option B would not require tree removal as a part of the Proposed Project.

Findings/Determination: They City of Manteca has reviewed and considered the proposed project and has determined that the project will not have a significant effect on the environment with the incorporation of mitigation measures, as supported by evidence provided in the Initial Study. The City of Manteca hereby prepares and proposes to adopt a Mitigated Negative Declaration for this project.

Public Review Period: The public review and comment period for the Draft IS/MND will extend for 30 days starting **July 14, 2023** and ending **August 14, 2023, 5:00 pm PST**. Written comments and/or questions regarding the IS/MND may be directed in writing to:

City of Manteca Engineering Department
Attn: Elba Mijango, Associate Engineer
1001 West Center Drive
Manteca, CA 95337

or

tcpmitigation@manteca.gov

Document Availability: The Draft IS/MND can be viewed and/or downloaded at the following website:

https://www.manteca.gov/departments/engineering/project-information/-folder-60#docan768_1395_288