



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7  
100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

DATE: June 1, 2018

TO: Neighbors and Interested Parties – Patterson Pass Water Treatment Plant

SUBJECT: **Public Workshop –  
Patterson Pass Water Treatment Plant Upgrades and Ozonation Project**

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You are receiving this information because you are a neighboring property owner, or because you have been identified as a potentially interested party.

The Alameda County Flood Control and Water Conservation District, Zone 7 (hereafter “Zone 7 Water Agency” or “Zone 7”) is proposing to design and construct the Patterson Pass Water Treatment Plant Upgrades and Ozonation Project on a Zone 7 Water Agency-owned parcel at the Patterson Pass Water Treatment Plant (PPWTP) facility. Enclosed you will find a project information sheet, which we hope will answer many of your questions.

We invite you to attend a public workshop on the project, which will be held at the treatment plant (**not at Zone 7’s main office**):

**Public Workshop for the  
Patterson Pass Water Treatment Plant Upgrades and Ozonation Project  
Tuesday, June 26, 2018, 7 to 8 pm  
8750 Patterson Pass Road, Livermore**

This workshop is an opportunity for you to learn more about the project and to ask questions to Zone 7 staff about the proposed design and construction, including construction-related traffic impacts.

An environmental review of the project is currently underway. We expect to send another notice to you very soon with information on how to find a copy of the environmental report and instructions on providing comments.

Project Contact:  
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# Patterson Pass Water Treatment Plant Upgrades and Ozonation Project



*June 1, 2018*

## **BACKGROUND**

The Alameda County Flood Control and Water Conservation District, Zone 7 (“Zone 7 Water Agency” or “Zone 7”) supplies drinking water to retailers serving about 240,000 people in Livermore, Pleasanton, Dublin, and, through special agreement with the Dublin San Ramon Services District, serving the Dougherty Valley area in San Ramon. These retail customers deliver water for municipal and industrial uses within their respective service areas. Zone 7 also supplies raw or untreated water for agricultural purposes to 3,500 acres, primarily consisting of vineyards in the southern portion of Livermore. Additionally, Zone 7 provides flood protection in eastern Alameda County and is the groundwater basin manager of the Livermore–Amador Valley groundwater basin.

The Patterson Pass Water Treatment Plant (PPWTP) is the site of two of three water treatment facilities owned and operated by Zone 7 (the others being the Del Valle Water Treatment Plant and the Mocho Groundwater Demineralization Plant). It is located at 8750 Patterson Pass Road east of Livermore, CA.

## **PROPOSED PROJECT**

Zone 7 is proposing to construct new facilities and modify existing ones at the PPWTP to incorporate ozonation disinfection technology in its potable water treatment processes and to increase production capacity and finished water storage capacity.

Ozonation disinfection technology has been identified as one that would be most effective to improve taste, remove odor, and improve overall water quality for water consumers in the Zone 7 service area. In addition to improving taste and odor, ozone is more effective than other water treatment technologies (such as powdered activated carbon, chlorine, and chloramines) in addressing algal byproducts and chemicals of emerging concern, including endocrine disruptors, as well as pharmaceutical and personal care product residues.

## **SCHEDULE (TENTATIVE)**

Project Design and Environmental Assessment	Late 2017 to Late 2018
Environmental Review: 30-Day Public Comment Period	Mid 2018
Construction Award	Late 2018
Construction Period	Early 2019 to Mid 2021

## QUESTIONS & ANSWERS

<p><b>Why is this project needed?</b></p>	<p>The addition of an ozonation facility at the Patterson Pass Water Treatment Plant (PPWTP) will help protect public health by addressing increasing concerns about the detection of cyanotoxins in parts of the State Water Project. In addition, the new ozonation facility will substantially reduce or eliminate taste and odor issues that have become a recurring problem in warm summer months due to algal blooms in source water supplies. In addition to improving water quality, the project will also increase production capacity and finished water storage capacity at the plant.</p>
<p><b>When will the project be constructed?</b></p>	<p>Construction is anticipated to begin in January 2019, and be completed in mid 2021 – a period of approximately 30-36 months.</p>
<p><b>Are you expanding the size of the plant?</b></p>	<p>For the most part, the Project would be constructed and operated within the existing PPWTP footprint.</p>
<p><b>Will this project generate a lot of traffic?</b></p>	<p>There would be approximately 3,000 Project-related truck deliveries distributed over the course of the anticipated 30-36 month construction period, ranging from large pieces of equipment, concrete deliveries, to daily deliveries of parts and tools. Some days there may be little or none, and others may have a lot. The proposed route is from Interstate Highway 580 to Greenville Road to Patterson Pass Road to the PPWTP access road. Whenever possible, construction traffic trips to and from the Project site would occur during non-commuter peak hours of 10:00 AM to 4:00 PM weekdays.</p>
<p><b>Will this project create new water supply that would result in additional housing in the valley?</b></p>	<p>The treated water supply from this Project would not increase the overall planned supply for Zone 7.</p>
<p><b>How will this project be funded?</b></p>	<p>The Project is estimated to cost \$92 million and is funded by water rates, new connection fees, and bonds.</p>

