



NOTICE OF ENVIRONMENTAL COMMITTEE MEETING

Responsible for matters of stewardship of the District's property including: Urban Water Management Plans; Water Conservation Programs; Classis Watershed Education Grants; Watershed Management; Resource Management and other environmental related matter.

NOTICE IS HEREBY GIVEN that the San Lorenzo Valley Water District has called a meeting of the Environmental Committee to be held Thursday, **December 12, 2019 at 9:30 a.m.** at the Operations Building, 13057 Highway 9, Boulder Creek, California.

AGENDA:

1. Convene Meeting/Roll Call
2. Oral Communications:
This portion of the agenda is reserved for Oral Communications by the public for items that are not on the Agenda. Any person may address the Committee at this time, on any subject that lies within the jurisdiction of this committee. Normally, presentations must not exceed five (5) minutes in length, and individuals may only speak once during Oral Communications. No actions may be taken by the Committee on any Oral Communications presented; however, the Committee may request that the matter be placed on a future agenda. Please state your name and town/city of residence at the beginning of the statement for the record.
3. Old Business:
Members of the public will be given the opportunity to address each scheduled item prior to Committee action. The Chairperson of the Committee may establish a time limit for members of the public to address the Committee on agenda items.
 - A. ENVIRONMENTAL PLANNER POSITION UPDATE
Discussion by the Committee regarding the Environmental Planner position.
 - B. FIRE MANAGEMENT RFQ
Discussion by the Committee regarding the District's Fire Management Plan.
 - C. INTEGRATED PEST MANAGEMENT PLAN UPDATE
Discussion and possible action by the Committee regarding the District's Integrated Pest Management Plan.
4. New Business:
Members of the public will be given the opportunity to address each scheduled item prior to Committee action. The Chairperson of the Committee may establish a time limit for members of the public to address the Committee on agenda items.
 - A. THANK PUBLIC MEMBERS FOR SERVING 2019
Discussion by the Committee regarding the 2019 Public Members of the Committee.

- 5. Informational Material:
 - A. STAFF REPORT FROM THE WATER TREATMENT AND SYSTEM SUPERVISOR – Regarding PFOA/PFOS
- 6. Adjournment

In compliance with the requirements of Title II of the American Disabilities Act of 1990, the San Lorenzo Valley Water District requires that any person in need of any type of special equipment, assistance or accommodation(s) in order to communicate at the District's Public Meeting can contact the District Office at (831) 338-2153 a minimum of 72 hours prior to the scheduled meeting.

Agenda documents, including materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet, are available for public inspection and may be reviewed at the office of the District Secretary, 13060 Highway 9, Boulder Creek, CA 95006 during normal business hours. Such documents may also be available on the District website at www.slvwd.com subject to staff's ability to post the documents before the meeting.

Certification of Posting

I hereby certify that on December 5, 2019, I posted a copy of the foregoing agenda in the outside display case at the District Office, 13060 Highway 9, Boulder Creek, California, said time being at least 24 hours in advance of the meeting of the Environmental Committee of the San Lorenzo Valley Water District in compliance with California Government Code Section 54956.

Executed at Boulder Creek, California, on December 5, 2019.

Holly B. Hossack, District Secretary
San Lorenzo Valley Water District

MEMO

To: Environmental Committee
From: District Manager
Prepared By: Water Treatment and Systems Supervisor
Subject: PFOA/PFOS Monitoring Summary at Quail Hollow Wells
Date: November 14th, 2019

Recommendation:

This PFOA and PFOS Monitoring Summary is for informational purposes only. No action is needed at this time.

Background:

From the EPA Fact Sheet:

PFOA (perfluorooctanoic acid) and PFOS (perfluorooctanesulfonic acid) are fluorinated organic chemicals that are part of a larger group of chemicals referred to as perfluoroalkyl substances (PFASs). PFOA and PFOS have been the most extensively produced and studied of these chemicals. They have been used to make carpets, clothing, fabrics for furniture, paper packaging for food and other materials (e.g., cookware) that are resistant to water, grease or stains. They are also used for firefighting at airfields and in a number of industrial processes. Because these chemicals have been used in an array of consumer products, most people have been exposed to them. Between 2000 and 2002, PFOS was voluntarily phased out of production in the U.S. by its primary manufacturer. In 2006, eight major companies voluntarily agreed to phase out their global production of PFOA and PFOA-related chemicals, although there are a limited number of ongoing uses. Scientists have found PFOA and PFOS in the blood of nearly all the people they tested, but these studies show that the levels of PFOA and PFOS in blood have been decreasing. While consumer products and food are a large source of exposure to these chemicals for most people, drinking water can be an additional source in the small percentage of communities where these chemicals have contaminated water supplies. Such contamination is typically localized and associated with a specific facility, for example, an industrial facility where these chemicals were produced or used to manufacture other products or an airfield at which they were used for firefighting.

On March 13th, 2019, the SLVWD was given a monitoring order by the State Water Resources Control Board, Division of Drinking Water (DDW) to monitor on a quarterly basis for PFOA and PFOS at Quail Hollow Well 4a and 5a. Quail Hollow Wells 4a and 5a were specifically listed in this order for because they are at risk for potential contamination by PFAS due to their proximity with a landfill known to receive PFAS products. This monitoring order established an interim notification level for PFOA at 14 nanograms per liter (ng/L, or parts per trillion) and an interim notification level for PFOS at 13 ng/L. Notification levels are non-regulatory, health-based advisory levels established for contaminants in

drinking water for which maximum contaminant levels have not been established. Notification levels are established as precautionary measures for contaminants that may be considered candidates for establishment of maximum contaminant levels, but have not yet undergone or completed the regulatory standard setting process prescribed for the development of maximum contaminant levels and are not drinking water standards.

On August 22nd, 2019, DDW issued updated notification levels of 6.5 ng/L for PFOS and 5.1 ng/L for PFOA, which supersede the interim notification levels established on the March 13th, 2019 monitoring order.

Monitoring Summary:

On April 29th, 2019, the first round of PFOA and PFOS samples were collected. The results of this sampling event were the following:

Sample Location	Sample Date	PFOA (ng/L)	PFOS (ng/L)
Quail Well 4a	4/29/2019	ND*	ND*
Quail Well 5a	4/29/2019	ND*	5.3

*Note: ND= Non Detect. The Level of Detection for the EPA method used to analyze samples for PFOA/PFOS is 2 ng/L.

Following this sampling event, the sample taps at Quail Well 4a and Quail Well 5a were taken apart and inspected. It was discovered that both sample taps had Teflon tape wrapped around the threading as a measure to prevent the taps from leaking. Teflon tape is likely to contain PFAS and can be a potential source of contamination to samples. The sample taps at both Quail Well 4a and 5a were replaced with bare threaded sample taps.

The second quarterly PFOA and PFOS sampling event occurred on July 29th, 2019. Results for this sampling event were the following:

Sample Location	Sample Date	PFOA (ng/L)	PFOS (ng/L)
Quail Well 4a	7/29/2019	ND*	ND*
Quail Well 5a	7/29/2019	ND*	ND*

*Note: ND= Non Detect. The Level of Detection for the EPA method used to analyze samples for PFOA/PFOS is 2 ng/L.

The next quarterly PFOA and PFOS sampling event occurred on October 14th, 2019. Results for this sampling event were the following:

Sample Location	Sample Date	PFOA (ng/L)	PFOS (ng/L)
Quail Well 4a	7/29/2019	ND*	ND*
Quail Well 5a	7/29/2019	ND*	2.0

*Note: ND= Non Detect. The Level of Detection for the EPA method used to analyze samples for PFOA/PFOS is 2 ng/L.

The District will continue to monitor for PFOA and PFOS on a quarterly basis at Quail Wells 4a and 5a, pursuant to the DDW monitoring order. Should any sample results should exceed the

respective notification level for PFOA or PFOS, the District will proceed with notification of customers, in conjunction with the DDW.

Definitions:

PFAS: Perfluoroalkyl substances. An umbrella term to describe a large group of fluorinated organic chemicals.

PFOA: Perfluorooctanoic acid.

PFOS: Perfluorooctanesulfonic acid.

ng/L: Nanograms per liter. One ng/L is equivalent to one part per trillion. For reference, one part per trillion is equivalent to one grain of sand in an Olympic sized swimming pool.

ND: Non Detect.