



REVISED

ITEM NO.  
7

## BOARD MEMORANDUM

**DATE:** June 3, 2019  
**TO:** Board of Directors  
**FROM:** Mike Alvord *MA*  
Director of Operations & Maintenance  
**SUBJECT:** Approve Receiving and Filing the Public Notification of PFOS and PFOA Notification Level Exceedances

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### SUMMARY AND DISCUSSION

In March 2019, State Water Resources Control Board, Division of Drinking Water (DDW) issued a Source Investigation Order to California Water Systems with impacted drinking water sources identified by the 2013 – 2015 Third Unregulated Contaminant Monitoring Rule (UCMR3). In accordance with this Order, Santa Clarita Valley Water Agency (SCV Water) is required to sample 15 drinking water wells for Per- and Polyfluoroalkyl Substances (PFAS) for 4 consecutive quarters beginning in the second quarter of 2019.

There are no regulatory standards for any PFAS compounds. However, in June 2018, California's Office of Environmental Health Hazard Assessment (OEHHA) and DDW established interim notification levels (NL) for two PFAS compounds, Perfluorooctane sulfonic acid (PFOS) at 14 nanograms per liter (ng/L) and Perfluorooctanoic acid (PFOA) at 13 ng/L and a response level for PFOS and PFOA combined of 70 ng/L.

On May 9, 2019, SCV Water collected the first round of quarterly samples for PFAS and received detection results above the NL for both PFOS and PFOA. Therefore, in accordance with State law (Health and Safety §116455) SCV Water is required to notify the governing bodies of any local agencies whose jurisdictions include areas supplied with their drinking water. This includes SCV Water Board of Directors, Santa Clarita City Council, and the Los Angeles County Board of Supervisors. In addition, SCV Water will provide consumer notice in its annual Consumer Confidence Report.

In addition to this notification, based on current DDW standards, we understand that DDW has been reviewing the Notification Level and Response Level values for PFAS compounds and may have new guidance for water purveyors in the near future. We will update the Board and any further required notification shortly after that guidance becomes available.

### FINANCIAL CONSIDERATIONS

None.

### RECOMMENDATION

That the Board of Directors receive and file the attached public notification of PFOS and PFOA notification level exceedances.

Attachment

*MGS*

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This is to notify you that several of SCV Water's wells have been found to contain the chemicals in the class of per- and polyfluoroalkyl substances (PFAS), specifically, perfluorooctanoic acid (PFOA) and/or perfluorooctanesulfonic Acid (PFOS) which exceed the State Water Resources Control Board-Division of Drinking Water (DDW) notification levels (NL) and PFOA/PFOS combined Response Level (RL). The NL for PFOA is 14 nanograms per liter (ng/L), the NL for PFOS is 13 ng/L, and the RL for PFOA+PFOS is 70 ng/L. These levels were found in sampling conducted in May 2019 as a result of State requirements for PFAS monitoring. Below is a table listing the wells and their exceedances:

WELL	PFOS	PFOA	Combined
	Notification Levels (ng/L)		Response Level (ng/L)
	13	14	70
Valley Center	35	44	78
Santa Clara	20	31	51
N	14	27	41
N7	20	20	40
N8	14	16	30
S6	11	26	37
S7	19	29	48
S8	20	22	44

On July 13, 2018, after independent review of the available information on the risks, DDW established NLs of 13 ng/L for PFOS and 14 ng/L for PFOA, and an RL for PFOS+PFOA of 70 ng/L. These levels are consistent with the recommended interim levels based on health effects data from the California Office of Environmental Health Hazard Assessment (OEHHA).

Based on the current evaluation of recent human and animal toxicity data, exposure to PFOA and PFOS in tap water over certain levels may result in adverse health effects including hepatotoxicity, immunotoxicity, thyroid toxicity, reproductive toxicity, and cancer (pancreatic and liver).

DDW recommends that consumers receiving water exceeding the NL and RL be notified. DDW also recommends that sources with PFOA or PFOS with a combined concentration in excess of 70 ng/L be removed from service. Because of this, SCV Water has decided to remove the Valley Center Well from service.

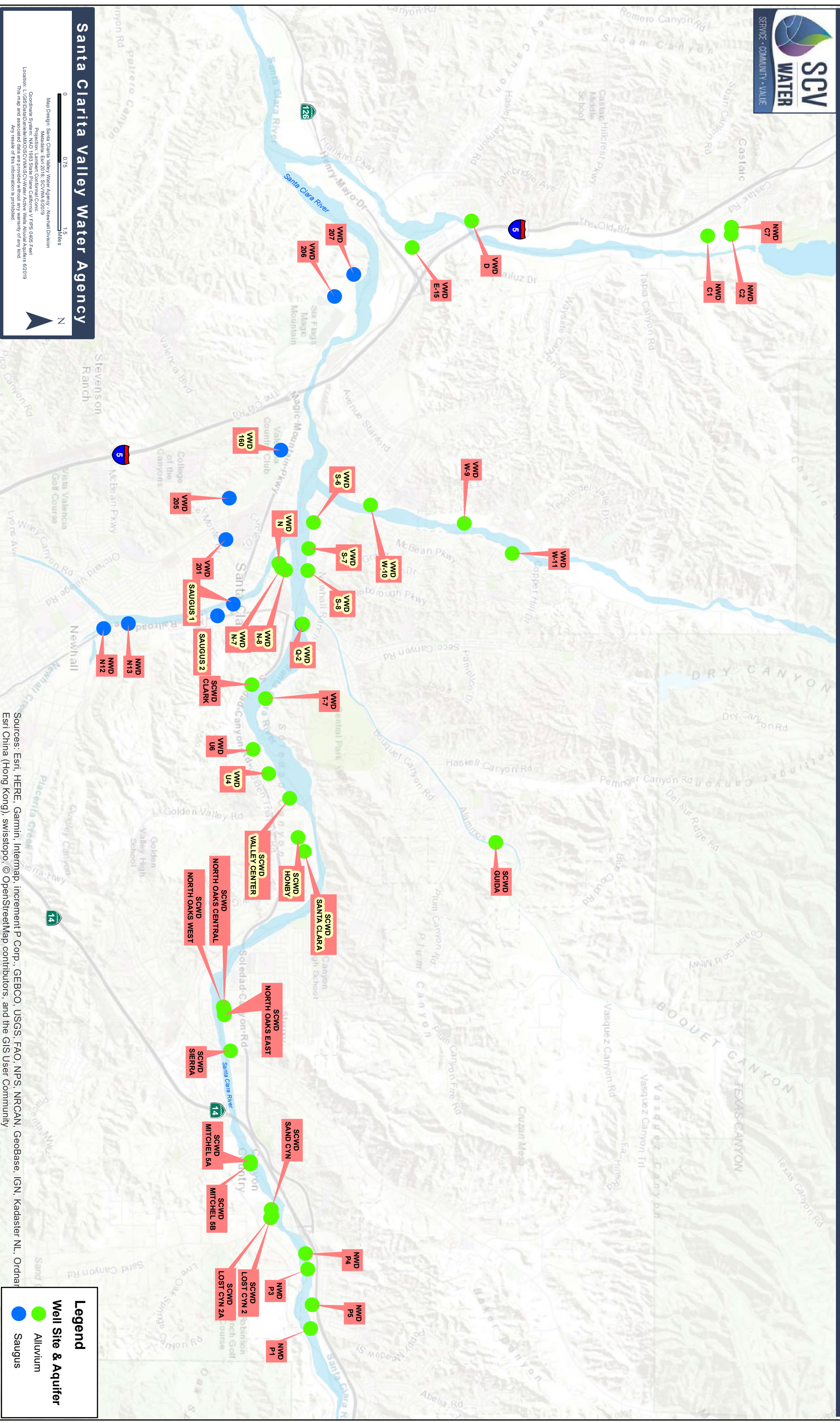
Per- and polyfluoroalkyl substances (PFAS) are a large group of human-made substances, which include PFOS and PFOA that do not occur naturally in the environment and are resistant to heat, water, and oil. PFAS have been used extensively in surface coating and protectant formulations due to their unique ability to reduce the surface tension of liquids. PFOA and PFOS are no longer manufactured or imported into the United States; however, there could be some imported goods containing trace amounts of these substances.

State law requires public water systems to notify local governing bodies whenever a well exceeds a maximum contaminant level, notification level, or a response level. Our system is providing this notification to both the Santa Clarita City Council and County of Los Angeles Board of Supervisors.

Anyone with questions about this notice should contact Ryan Bye, Water Quality/Regulatory Compliance Supervisor for SCV Water, at (661) 388-4988.



# Santa Clarita Valley Water Agency Production Wells



## Santa Clarita Valley Water Agency

Map Design: Santa Clarita Valley Water Agency - Newhall Division  
 Metadata: Esri 2018, SCVWA 6/2019  
 Projection: Lambert Conformal Conic  
 Coordinate System: NAD 1983 State Plane California V FIPS 4005 Feet  
 Location: Live Oak Springs Canyon  
 This map and associated data are provided without any warranty of any kind.  
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**Legend**

**Well Site & Aquifer**

- Alluvium
- Saugus

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community