

EXHIBIT 4-B



Notification of PFOA and PFOS Detection

To: Aaron Blair, City Manager of Sand City
Ben Harvey, City Manager of Pacific Grove
Charles McKee, Monterey County Chief Administrative Officer
Chip Rerig, City Manager of Carmel
Craig Malin, City Manager of Seaside
Hans Uslar, City Manager of Monterey
James A Boothe, CPUC
Jeffrey Hoyne, City Manager of Del Rey Oaks

From: Jack Wang, Ph.D.

Cc: Todd Brown, Chris Cook, Catherine Stedman and Garry Hofer, California American Water
Jonathan Weininger, Querube Moltrup, DDW
Cheryl Sandoval, Monterey County Health Department

Date: January 4, 2021

Per General Order No. DW2020-0003-DDW, California American Water (Cal Am) Monterey Water System (PSWID No. CA2710004) is required to conduct quarterly monitoring for per and polyfluoroalkyl substances (collectively, PFAS) at the following wells starting from Quarter 4 of 2020:

Well PS Code	Well Name
2710004-024	ORD GROVE WELL 02 -RAW
2710004-029	PLAYA WELL 03
2710004-050	LUZERN WELL 02 -RAW
2710004-075	BAY STREET WELL 01 (BRACKISH) RAW
2710004-076	BAY STREET WELL 02 (BRACKISH) RAW
2710004-077	TIOGA STREET WELL 04 (BRACKISH) RAW
2710004-083	TIOGA ST WELL 05 (BRACKISH) RAW

On December 1, 2020, Cal Am was informed by the American Water Central Laboratory that for samples collected on November 19, 2020, several wells had a detection of perfluorooctanoic acid (PFOA) or perfluorooctane sulfonic acid (PFOS). Some of the detections exceeded the notification level of 5.1 parts per trillion (ppt) for PFOA or 6.5 ppt for PFOS. Cal Am conducted confirmation sampling on December 9, 2020 and the initial detections at these wells were confirmed on December 17, 2020. The following table lists the wells that had exceeded the PFOA notification level:

Well PS Code	Well Name	Average PFOA (ppt)	Average PFOS (ppt)
2710004-029	PLAYA WELL 03	6.8	5.7
2710004-075	BAY STREET WELL 01 (BRACKISH) RAW	7.9	6.4
2710004-076	BAY STREET WELL 02 (BRACKISH) RAW	7.5	5.7

The notification pursuant to Health and Safety Code Section 116455 requires Cal Am to provide local agencies and the California Public Utilities Commission this notice within 30 days of receiving the results of the confirmation sample. Below is the required information for the notification:

- **Drinking Water Source:** Playa Well 03, drawing water from the Seaside Groundwater Basin. The well is located at 1237 Playa Avenue in Seaside, California. Bay Street Wells are brackish water wells located between the Pacific Ocean and Bay Street in Sand City, California.
- **Origin of Contaminant, if known:** Unknown at this time. PFOA has been used extensively in consumer products such as carpets, clothing, fabrics for furniture, paper packaging for food, and other materials (e.g., cookware) designed to be waterproof, stain-resistant or non-stick. In addition, they have been used in fire-retarding foam and various industrial processes.
- **Maximum Contaminant Level:** None. The Maximum Contaminant Level is the regulatory threshold over which water purveyors are in violation of the Safe Drinking Water Act.
- **Response Level:** 10 ppt for PFOA and 40 ppt PFOS. At the Response Level, a water purveyor is required to remove the impacted source from service or justify continued use of the source.
- **Notification Level:** 5.1 ppt for PFOA and 6.5 ppt PFOS. The Notification Level is the concentration at which the water purveyor is required to give this notice. To imagine one part per trillion, it is the equivalent of 1 second in 32,000 years.
- **Detected Concentrations:** See the information listed in the table above.
- **Operational Status of Well:** These wells are active and available to use for production as needed to meet system demand. Water from Bay Street wells is further treated at the Sand City Reverse Osmosis Treatment Plant and no PFAS was detected after the treatment.
- **Health Effects of PFOA:** Exposure to PFOA above certain levels may result in adverse health effects, including harmful effects to a developing fetus or infant, the immune system and liver, and cancer. In May 2016, the United States Environmental Protection Agency (U.S. EPA) issued a lifetime health advisory for PFOS and PFOA for drinking water at 70 parts per trillion and offers a margin of protection for all persons throughout their life from adverse health effects resulting from exposure to PFOA and PFOS in drinking water. The Office of Environmental Health Hazard Assessment (OEHHA) is recommending that the State Water Resources Control Board (SWRCB) set the notification levels for PFOA and PFOS at the lowest levels at which they can be reliably detected in drinking water using currently available and appropriate technologies.

At this time, there is no action required of our customers. While the concentration of PFOA is above the Notification Level (5.1 ppt), the combined concentration of PFOA and PFOS is significantly below the EPA lifetime health advisory level. Cal Am will continue to routinely monitor for PFOA and PFOS at the wells at the frequency recommended by the Division of Drinking Water.

If you have any questions, please contact Dr. Jack Wang at (831) 646-3269 or by email at jack.wang@amwater.com.