

AGENDA STAFF REPORT

MEETING NAME: REGULAR BOARD MEETING

MEETING DATE(S): August 18 & 22, 2022

FROM: BRIAN MACY – ASSISTANT GENERAL MANAGER

FOR: ACTION _____ DIRECTION _____ INFORMATION X



PUBLIC HEARING – REPORT ON PUBLIC HEALTH GOALS

STAFF RECOMMENDATION

It is recommended that the Board receive and file the report.

SUMMARY

Per the California Health and Safety Code – §116470(b), starting on or before July 1, 1998, and every three (3) years thereafter, public water systems serving more than 10,000 service connections that detect one or more contaminants in drinking water that exceed the applicable public health goal (PHG) shall prepare a brief written report in that does each of the following:

- Identifies each contaminant detected in drinking water that exceeds a PHG;
- Disclose the public health risk category;
- Describes the best available technology to remove the contaminants or reduce the concentration of the contaminants;
- Estimates the aggregate cost and the cost per customer of utilizing the best available technology;
- Briefly describes what action, if any a local water purveyor intends to take to reduce the concentration of the contaminant into drinking water supplies.

In accordance with requirements of California Health and Safety Code (California Safe Drinking Water Act of 1996, SB 1307), a public hearing must be held. The purpose of this public hearing is to allow the Board to accept and respond to public comments on the report. The public hearing notice was published in the Desert Sun on July 29, and August 5th, 2022.

ANALYSIS

This report is for calendar years 2019, 2020, and 2021. PHG's are non-enforceable goals established by the California Environmental Protection Agency (EPA) and the Office of Environmental Health Hazard Assessment (OEHHA). The attached report compares the District's three (3) public water systems water quality with PHG's and Maximum Contaminant Level (MCL). The District's water system complies with all health-based drinking water standards and MCL's required by the Division of Drinking Water and the USEPA. During this reporting period (2019-2021), the District analysed 34 different constituents which equated to approximately 273 samples being tested by State certified analytical laboratory. Out of the 34 constituents, there were three (3) constituents found at levels that exceeded the PHG, but were below the MCL for drinking water standards. The following is a breakdown of the constituents found:

Constituent	PHG	MCL	MSWD levels
Arsenic	0.004 ug/L	10 ug/L	Non-Detect – 2.6 ug/L
Uranium	0.43 pCi/L	20 pCi/L	Non-Detect – 13 pCi/L
Fluoride	1 mg/L	2 mg/L	0.45 – 1.20 mg/L

FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

There are no fiscal impacts to the District based on the report recommendations.

ATTACHMENTS

- Mission Springs Water District Report on System Water Quality Relative to Public Health Goals
- 2021 MSWD Water Quality Report (Consumer Confidence Report)
- Excerpt from California Health & Safety Code: Section 116470(b)
- ACWA April 2022 Suggested Guidelines for Preparation of Required Reports on PUBLIC HEALTH GOALS (PHGs) to satisfy requirements of California Health and Safety Code Section 116470(b)
- Health Risk Information for Public Health Goal Exceedance Reports