Foothill Municipal Water District(FMWD)
2022 WATER QUALITY REPORT TO FMWD MEMBER AGENCIES

WEYMOUTH refers to the Metropolitan Water District's Weymouth Water Treatment Plant in the city of La Verne.
FM-1 refers to the FMWD-Metropolitan Water District connection in the city of Pasadena.

		WEYMOUTH EFFLUENT Range/Average	FM-1	REGULATORY STANDARDS State (Federal) MCL	PHG	State DLR (RL)	Major Sources in Drinking Water
SOURCE WATER							
% of State Project Water % of Groundwater		0-100/68		NA	NA	NA	
PRIMARY STANDARDS - Mandatory Health-Related Standards							
CLARITY							
Combined Filter Effluent (CFE) Turbidity (a)	NTU % ≤ 0.3	**0.03 (highest)** **100%**	***NA***	**TT**	**NA**	**NA**	Soil runoff
MICROBIOLOGICAL (b)							
Total Coliform Bacteria (c)	% Positive	**0-0.4/0%** distribution system-wide	***0%***	**5.0**	**MCLG = 0**	**NA**	Naturally present in the environment
Escherichia coli (E. coli)(c,d)	Number	**0%** distribution system-wide	***0%***	**1**	**MCLG = 0**	**NA**	Human and animal fecal waste
Heterotrophic Plate Count (e)	CFU/ mL	**ND-1/ND**	***ND***	**TT**	**NA**	**(1)**	Naturally present in the environment
Cryptosporidium	Oocyst 200 L	**ND**	***NA***	**TT**	**MCLG = 0**	**(1)**	Human and animal fecal waste
Giardia	Cysts 200 L	**ND**	***NA***	**TT**	**MCLG = 0**	**(1)**	Human and animal fecal waste
INORGANIC CHEMICALS							
Nitrite (as Nitrogen)	ppm	**ND**	***ND***	**1**	**1**	**0.4**	Runoff & leaching from fertilizer use; septic tank and sewage; erosion of natural deposits
DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BY-PRODUCTS PRECURSORS (m)							
Total Trihalomethanes (TTHM)	ppb	**26-35/30** Distribution system-wide (i)	***24-29***	**80**	**NA**	**1**	By-product of drinking water disinfection
Sum of Five Haloacetic Acids (HAA5)	ppb	**1.5-6.1/5.4** Distribution system-wide (i)	***4.3-5.9***	**60**	**NA**	**1**	By-product of drinking water disinfection
Total Chlorine Residual	ppm	**1.4-2.9/2.4** highest RAA Distribution system-wide	***2.0-2.7***	**[4.0]**	**[4.0]**	**NA**	Drinking water disinfectant added for treatment

DEFINITION OF TERMS AND FOOTNOTES

Footnotes

(a) FMWD recieves 100% of water from the Metropolitan Water District of Southern California's Weymouth Treatment Plant.

(b) Per the State's Surface Water Treatment Rule, treatment techniques that remove or inactivate *Giardia* cysts will also remove HPC bacteria, *Legionella,* and viruses. *Legionella* and virus monitoring is not required.

(c) Compliance is based on monthly samples from treatment plant effluents and the distribution system.

(d) The MCL for *E. coli* is based on any of the following conditions: Coliform-positive routine and repeat samples with either of them positive for *E. coli*; failure to analyze a repeat sample following an *E. coli*-positive routine sample; or a coliform-positive repeat sample is not tested for the presence of *E. coli*.

(e) All distribution system samples had detectable total chlorine residuals, so no HPC analysis was required. Metropolitan monitors HPC bacteria to ensure treatment process efficacy.

(m) Compliance with the State and Federal MCLs is based on RAA or LRAA, as appropriate. Plant core locations for TTHM and HAA5 are service connections specific to each of the treatment plant effluents.

revised 6/16/22