



# State Water Resources Control Board

## Division of Drinking Water

Sent via email: mpudoffice@sti.net

March 4, 2024

PWS No. CA2210001

Susan Wages  
General Manager  
MARIPOSA PUBLIC UTILITY DIST  
P.O. Box 494  
MARIPOSA, CA 95338

### **ISSUANCE OF GENERAL ORDER FOR MONITORING OF PER- AND POLYFLUOROALKYL SUBSTANCES - MARIPOSA PUBLIC UTILITY DIST (PWS NO. CA2210001)**

As I am sure you are aware, there is increasing statewide concern regarding the possible contamination of drinking water supplies by perfluoroalkyl and polyfluoroalkyl substances (PFAS). In response, the State Water Resources Control Board (State Water Board or board) initiated a comprehensive effort to investigate the nature and scope of the issue. **As part of this effort, you are receiving this letter because one or more water sources for your public water system is required to be tested under Order DW 2024-0002-DDW (2024 Order). Please review the attached Order carefully to determine the applicable requirements. Water systems are eligible for free initial sampling and testing as described below.**

The Budget Act of 2022 appropriated funds to test for PFAS in community public water systems serving disadvantaged and severely disadvantaged communities to understand how PFAS impacts drinking water in your community. To this end, the Division of Drinking Water (DDW) contracted with the California State University, Sacramento’s Office of Water Programs (OWP) and Babcock Laboratories, Inc. to collect and analyze samples from your drinking water source for PFAS chemicals. As such, initial monitoring under this Order will be of no cost to your water system. The State Water Board strongly encourages your participation and requests that you cooperate and coordinate with the OWP representative to collect samples from your drinking water well. Please supply your certified Treatment or Distribution Operator to assist the sampling team with site access and to aid in pump and valve operations. Below are important dates to remember:

Deadline:	Requirement:
April 1, 2024	Register at <a href="https://pfas.owp.csus.edu">https://pfas.owp.csus.edu</a> 1. Accept free sampling services by OWP <b>and</b> designate your contact for scheduling <b>or</b> request self-sampling. 2. Respond within 30 days to confirm the sampling date.

E. JOAQUIN ESQUIVEL, CHAIR | ERIC OPPENHEIMER, EXECUTIVE DIRECTOR

Deadline:	Requirement:
August 31, 2026	Collect a PFAS sample from sources in Exhibit A of 2024 Order.

OWP will provide your water system with the laboratory results, public health information associated with the results, and guidance on any additional actions your water system may need to take. Your water system may be directed to take additional samples under this Order, or you may consider voluntary monitoring if any PFAS is detected. If directed by DDW, OWP will collect the additional samples at no cost to the water system. Voluntary monitoring will be at the expense of the water system, including confirmation samples.

Exhibit A (attached) lists the public water system sources that require testing under this Order. Exhibit B (attached) lists the PFAS chemicals targeted for monitoring, aligning with EPA analytical method 533, and provides minimum detection levels that will be achieved by the contract laboratory. By August 31, 2026, all public water systems listed in Exhibit A must have monitored the identified sources for PFAS chemicals listed in Exhibit B – unless otherwise directed by DDW. Additional monitoring may be required by December 31, 2026, if directed. If the listed source(s) are no longer in service, please notify your respective DDW District office immediately.

If your water system is monitoring under Order DW-2022-0001-DDW (2022 Order), samples collected under the 2024 Order may be used to comply with the 2022 Order for the corresponding quarter. Please confirm that samples under the 2024 Order have been collected before canceling the scheduled monitoring for the quarter under the 2022 Order to ensure that no quarter is missed.

In 2018, the Legislature passed, and the Governor signed, Assembly Bill 756 (AB 756). AB 756, which was codified as Health and Safety Code section 116378, provided the State Water Board with specific and increased authority to require public water systems to monitor for PFAS. AB756 also increases the public notification process by varying degrees based on the concentration of PFAS detected. DDW developed a Frequently Asked Questions (AB 756 FAQ) to assist water systems.

Detection of PFAS in your water may require a Governing Body Notification or Public Notification. The type of notification depends on the levels of PFAS detected. OWP will provide guidance in preparing appropriate notifications. However, if you need further assistance, contact your District or Local Primacy Agency (LPA) office.

Pursuant to Health and Safety Code section 116378, DDW is issuing the enclosed Order requiring testing for PFAS along with all additional analytes in the approved DDW testing methodology.

Links to additional resources are provided below:

AB756 FAQ:

[https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/documents/pfos\\_and\\_pfoa/pfas\\_ab756\\_factsheet.pdf](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/pfos_and_pfoa/pfas_ab756_factsheet.pdf)

The State Water Board's PFAS investigation website focused on drinking water with additional links to background information, previous investigation results, health information, Notification Levels, Response Levels, and other useful information:

[https://www.waterboards.ca.gov/pfas/drinking\\_water.html](https://www.waterboards.ca.gov/pfas/drinking_water.html)

The State Water Board's PFAS investigation home page which includes many useful links, including a listing of ELAP accredited labs to test for PFAS using EPA method 533:

<https://waterboards.ca.gov/pfas>

Any person who is aggrieved by this Order may file a petition with the State Water Board for reconsideration of this Order. Information regarding filing petitions may be found at:

[http://www.waterboards.ca.gov/drinking\\_water/programs/petitions/index.shtml](http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml)

The State Water Board appreciates the hard work of California's Public Water Systems in maintaining safe drinking water at all times. The information gathered from the enclosed Order will assist the State Water Board in its mission to protect water resources and to address risks to health caused by PFAS in drinking water.

Please register for free sampling services at [pfas.owp.csus.edu](https://pfas.owp.csus.edu).



If you have any questions regarding this required monitoring, please contact OWP at [pfas@owp.csus.edu](mailto:pfas@owp.csus.edu).

Sincerely,

Orlando Gonzalez, P.E.  
District Engineer  
Division of Drinking Water, DISTRICT 11 - MERCED  
STATE WATER RESOURCES CONTROL BOARD

**Exhibit A – List of Sources Subject to General Order No. DW 2024-0002-DDW**

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_010_010	WELL 205 RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_014_014	WELL 125 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_031_031	WELL 222-1 RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_036_036	WELL 225 - INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_044_044	WELL 232 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_046_046	WELL 234 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_050_050	WELL 238 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_054_054	WELL 242 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_056_056	WELL 244 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_057_057	WELL 245 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_073_073	WELL 258 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_079_079	WELL 264 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_081_081	WELL 266 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_087_087	WELL 271 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_089_089	WELL 273 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_096_096	WELL 280 - RAW

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_099_099	WELL 283 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_103_103	WELL 287 - INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_107_107	WELL 291 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_108_108	WELL 292 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_116_116	WELL 300 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_120_120	WELL 304 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_125_125	WELL 004A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_134_134	WELL 011A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_136_136	WELL 013A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_143_143	WELL 018A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_149_149	WELL 022A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_153_153	WELL 026A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_163_163	WELL 033A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_165_165	WELL 034A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_167_167	WELL 035A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_169_169	WELL 037 - RAW

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 170_170	WELL 038A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 175_175	WELL 042 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 176_176	WELL 043 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 178_178	WELL 044A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 191_191	WELL 057 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 194_194	WELL 060 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 198_198	WELL 064 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 200_200	WELL 066 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 202_202	WELL 068 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 206_206	WELL 072 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 207_207	WELL 073 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 208_208	WELL 074 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 209_209	WELL 075 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 210_210	WELL 076 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 211_211	WELL 077 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 212_212	WELL 078 - RAW

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 213_213	WELL 079 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 217_217	WELL 083A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 219_219	WELL 085 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 220_220	WELL 086 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 223_223	WELL 089A RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 225_225	WELL 091 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 230_230	WELL 096 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 231_231	WELL 097 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 232_232	WELL 098 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 234_234	WELL 100-1 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 237_237	WELL 103 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 238_238	WELL 104 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 239_239	WELL 105 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 250_250	WELL 118 (KVB WELL) - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 262_262	WELL 132 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 264_264	WELL 134 - RAW

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_266_266	WELL 138 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_268_268	WELL 143 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_270_270	WELL 136 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_273_273	WELL 161 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_274_274	WELL 147 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_275_275	WELL 153-1 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_276_276	WELL 164-1 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_277_277	WELL 142 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_278_278	WELL 144 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_280_280	WELL 055-2 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_281_281	WELL 140 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_293_293	WELL 153-2 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_294_294	WELL 155-1 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_296_296	WELL 178 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_299_299	WELL 182-1 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_313_313	WELL 088-2 - RAW



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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 316_316	WELL 174 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 319_319	WELL 184 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 320_320	WELL 185 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 321_321	WELL 187 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 324_324	WELL 175-2 - INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 325_325	WELL 176 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 326_326	WELL 151 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 327_327	WELL 141 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 335_335	WELL 192 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 336_336	WELL 193 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 338_338	WELL 062A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 340_340	WELL 137 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 344_344	WELL 169 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 347_347	WELL 198 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 348_348	WELL 180-1 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 349_349	WELL 180-2 - INF

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 356_356	WELL 199 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 359_359	WELL 164-2 INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 363_363	WELL 128 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 364_364	WELL 082-2 (RAW)
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 367_367	WELL 049A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 381_381	WELL 306 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 385_385	WELL 308 RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 386_386	WELL 146 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 392_392	WELL 171-2 RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 394_394	WELL 002B - INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 572_572	WELL 318 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 591_591	WELL 019B - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 596_596	WELL 069A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 598_598	WELL 047A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 608_608	WELL 322 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 611_611	WELL 004B - RAW

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 616_616	WELL 320 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 618_618	WELL 329 - INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 629_629	WELL 046A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 630_630	WELL 313 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 642_642	WELL 327 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 644_644	WELL 188 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 650_650	WELL 337 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 693_693	WELL 26B - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 695_695	WELL 135B - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 697_697	WELL 347 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 699_699	WELL 354 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 703_703	WELL 61A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 705_705	WELL 338-1 RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 710_710	WELL 220-2 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 712_712	WELL 226-3 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 721_721	WELL 015B - RAW

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FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 728_728	WELL 56A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 730_730	WELL 345-2 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 732_732	WELL 58A-2 - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 752_752	WELL 236 A RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 761_761	WELL 369 -INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 763_763	WELL 370 - INF
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 769_769	WELL 210A - RAW
FRESNO	DISTRICT 11 - MERCED	CA1010007	CITY OF FRESNO	CA1010007_ 771_771	WELL 241-2 RAW
MADERA	DISTRICT 11 - MERCED	CA2000521	BROADVIEW TERRACE MUTUAL WATER COMPANY	CA2000521_ 004_004	WELL 04 - STANDBY
MADERA	DISTRICT 11 - MERCED	CA2000521	BROADVIEW TERRACE MUTUAL WATER COMPANY	CA2000521_ 006_006	WELL 06 - STANDBY
MADERA	DISTRICT 11 - MERCED	CA2000521	BROADVIEW TERRACE MUTUAL WATER COMPANY	CA2000521_ 008_008	WELL 07 - STANDBY
MADERA	DISTRICT 11 - MERCED	CA2000521	BROADVIEW TERRACE MUTUAL WATER COMPANY	CA2000521_ 012_012	WELL 08 - STANDBY
MADERA	DISTRICT 11 - MERCED	CA2000832	SKP PARK OF THE SIERRAS INC	CA2000832_ 003_003	WELL 4 SHOP
MADERA	DISTRICT 11 - MERCED	CA2010001	CHOWCHILLA CITY WATER DEPT	CA2010001_ 003_003	WELL 03 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010001	CHOWCHILLA CITY WATER DEPT	CA2010001_ 010_010	WELL 10 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010001	CHOWCHILLA CITY WATER DEPT	CA2010001_ 019_019	WELL 05A - RAW

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MADERA	DISTRICT 11 - MERCED	CA2010001	CHOWCHILLA CITY WATER DEPT	CA2010001_ 023_023	WELL NO. 1A
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 013_013	WELL 17 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 014_014	WELL 18 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 016_016	WELL 20 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 017_017	WELL 21 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 018_018	WELL 22 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 019_019	WELL 23 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 020_020	WELL 24 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 021_021	WELL 25 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 025_025	WELL 30 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 030_030	WELL 31 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 031_031	WELL 32 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010002	CITY OF MADERA	CA2010002_ 033_033	WELL 34 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010003	BASS LAKE WATER COMPANY	CA2010003_ 001_001	SCHOOL ROAD (GOVNMT CTR) - RAW
MADERA	DISTRICT 11 - MERCED	CA2010003	BASS LAKE WATER COMPANY	CA2010003_ 006_006	PINES WELL 01 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010004	MADERA CO CMD19- PARKWOOD	CA2010004_ 003_003	WELL 03

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MADERA	DISTRICT 11 - MERCED	CA2010006	MADERA CO SA3- PARKSDALE	CA2010006_001_001	WELL 01
MADERA	DISTRICT 11 - MERCED	CA2010006	MADERA CO SA3- PARKSDALE	CA2010006_002_002	WELL 02
MADERA	DISTRICT 11 - MERCED	CA2010006	MADERA CO SA3- PARKSDALE	CA2010006_003_003	WELL 03 (CHAVEZ SCHOOL)
MADERA	DISTRICT 11 - MERCED	CA2010006	MADERA CO SA3- PARKSDALE	CA2010006_004_004	WELL 04 - SELF HELP
MADERA	DISTRICT 11 - MERCED	CA2010012	CAL AM - RAYMOND	CA2010012_006_006	WELL 08
MADERA	DISTRICT 11 - MERCED	CA2010012	CAL AM - RAYMOND	CA2010012_016_016	WELL 11
MADERA	DISTRICT 11 - MERCED	CA2010012	CAL AM - RAYMOND	CA2010012_020_020	WELL 14
MADERA	DISTRICT 11 - MERCED	CA2010014	CAL AM - GOLDSIDE	CA2010014_002_002	GOLDSIDE WELL 02 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010014	CAL AM - GOLDSIDE	CA2010014_004_004	GOLDSIDE WELL 04 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010014	CAL AM - GOLDSIDE	CA2010014_009_009	GOLDSIDE WELL 06 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010014	CAL AM - GOLDSIDE	CA2010014_011_011	GOLDSIDE WELL 07 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010801	VALLEY STATE PRISON	CA2010801_001_001	WELL 01 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010801	VALLEY STATE PRISON	CA2010801_002_002	WELL 02 - RAW
MADERA	DISTRICT 11 - MERCED	CA2010801	VALLEY STATE PRISON	CA2010801_007_007	WELL 401
MARIPOSA	DISTRICT 11 - MERCED	CA2210001	MARIPOSA PUBLIC UTILITY DIST	CA2210001_007_007	IW WELL 01
MARIPOSA	DISTRICT 11 - MERCED	CA2210001	MARIPOSA PUBLIC UTILITY DIST	CA2210001_013_013	IW WELL 07

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MARIPOSA	DISTRICT 11 - MERCED	CA2210001	MARIPOSA PUBLIC UTILITY DIST	CA2210001_015_015	MPUD WELL 06
MARIPOSA	DISTRICT 11 - MERCED	CA2210001	MARIPOSA PUBLIC UTILITY DIST	CA2210001_016_016	MPUD WELL 05
MARIPOSA	DISTRICT 11 - MERCED	CA2210002	PONDEROSA BASIN MUTUAL WTR CO	CA2210002_007_007	WELL 06
MARIPOSA	DISTRICT 11 - MERCED	CA2210002	PONDEROSA BASIN MUTUAL WTR CO	CA2210002_011_011	WELL 10
MARIPOSA	DISTRICT 11 - MERCED	CA2210002	PONDEROSA BASIN MUTUAL WTR CO	CA2210002_012_012	WELL 11
MARIPOSA	DISTRICT 11 - MERCED	CA2210002	PONDEROSA BASIN MUTUAL WTR CO	CA2210002_014_014	WELL 12
MARIPOSA	DISTRICT 11 - MERCED	CA2210851	CDF & FP - MT. BULLION	CA2210851_002_002	LOWER WELL (WELL 02)
MARIPOSA	DISTRICT 11 - MERCED	CA2210851	CDF & FP - MT. BULLION	CA2210851_007_007	WELL 04 - RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_001_001	WELL 01 - EMERGENCY ONLY
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_003_003	WELL 04 - RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_004_004	WELL 05 - RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_006_006	WELL 07 - RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_007_007	WELL 08 - RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_009_009	WELL 09 - RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_020_020	WELL 10 IF-RAW
MARIPOSA	DISTRICT 11 - MERCED	CA2210900	CEDAR LODGE RESORT	CA2210900_022_022	WELL NO. 12 IF

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MARIPOSA	DISTRICT 11 - MERCED	CA2210903	FISHCAMP MUTUAL WATER COMPANY	CA2210903_002_002	WELL 02 (KELLER WELL)
MARIPOSA	DISTRICT 11 - MERCED	CA2210903	FISHCAMP MUTUAL WATER COMPANY	CA2210903_003_003	WELL 01 (TRIANGLE WELL)
MARIPOSA	DISTRICT 11 - MERCED	CA2210903	FISHCAMP MUTUAL WATER COMPANY	CA2210903_004_004	WELL 04 (MILLER WELL) STANDBY
MARIPOSA	DISTRICT 11 - MERCED	CA2210906	MARIPOSA PINES MUTUAL	CA2210906_005_005	WELL 03
MARIPOSA	DISTRICT 11 - MERCED	CA2210921	WHISPERING PINES APARTMENTS	CA2210921_006_006	WELL 05 - STBY
MARIPOSA	DISTRICT 11 - MERCED	CA2210925	YOSEMITE TERRACE ESTATES	CA2210925_002_002	WELL 02
MERCED	DISTRICT 11 - MERCED	CA2400053	EL NIDO MOBILE HOME PARK	CA2400053_013_013	WELL NO. 3 - BY N ENTRANCE, DRILLED 1993
MERCED	DISTRICT 11 - MERCED	CA2400053	EL NIDO MOBILE HOME PARK	CA2400053_014_014	WELL NO. 4 - NW CORNER, DRILLED 8/06
MERCED	DISTRICT 11 - MERCED	CA2400084	EVERGREEN MOBILE HOME PARK	CA2400084_001_001	WELL 01 - N. OF MAIN APT. BLDG.
MERCED	DISTRICT 11 - MERCED	CA2400128	COUNTRY CLUB COUNTY WD	CA2400128_001_001	WELL 1-STANDBY-120 FROM RD-RESLEEVE 01
MERCED	DISTRICT 11 - MERCED	CA2400128	COUNTRY CLUB COUNTY WD	CA2400128_011_011	WELL 2-MAIN WELL-20 FROM RD.
MERCED	DISTRICT 11 - MERCED	CA2400167	BALLICO CSD	CA2400167_001_001	WELL 1-PARK ST. NEAR BROADWAY
MERCED	DISTRICT 11 - MERCED	CA2400172	JOHN LATORACCA CORRECTIONAL FACILITY	CA2400172_002_002	WELL 2 N OF ADULT-WEST WELL
MERCED	DISTRICT 11 - MERCED	CA2410001	CITY OF ATWATER	CA2410001_013_013	WELL 13 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410001	CITY OF ATWATER	CA2410001_014_014	WELL 14 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410001	CITY OF ATWATER	CA2410001_015_015	WELL 15 - RAW



<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MERCED	DISTRICT 11 - MERCED	CA2410001	CITY OF ATWATER	CA2410001_017_017	WELL 17 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410001	CITY OF ATWATER	CA2410001_019_019	WELL 19 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410003	CITY OF GUSTINE	CA2410003_006_006	WELL 05 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410003	CITY OF GUSTINE	CA2410003_007_007	WELL 06 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410003	CITY OF GUSTINE	CA2410003_014_014	WELL 07 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_008_008	WELL 08 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_009_009	WELL 09 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_011_011	WELL 11-B - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_012_012	WELL 12 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_013_013	WELL 13 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_025_025	WELL 16 - KISHI WELL - RAW
MERCED	DISTRICT 11 - MERCED	CA2410004	CITY OF LIVINGSTON	CA2410004_028_028	WELL NO. 17 SUN VALLEY RAW
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_001_001	WELL 01
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_003_003	WELL 03
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_006_006	WELL 06
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_010_010	WELL 10

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_011_011	WELL 11 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_012_012	WELL 12
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_013_013	WELL 13 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_014_014	WELL 14 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410005	CITY OF LOS BANOS	CA2410005_027_027	WELL 15
MERCED	DISTRICT 11 - MERCED	CA2410006	DELHI CWD	CA2410006_005_005	WELL 05 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410006	DELHI CWD	CA2410006_007_007	WELL 07 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410007	PLANADA CSD	CA2410007_001_001	WELL 01-A
MERCED	DISTRICT 11 - MERCED	CA2410007	PLANADA CSD	CA2410007_004_004	WELL 03-A
MERCED	DISTRICT 11 - MERCED	CA2410007	PLANADA CSD	CA2410007_005_005	WELL 04
MERCED	DISTRICT 11 - MERCED	CA2410007	PLANADA CSD	CA2410007_007_007	WELL 06
MERCED	DISTRICT 11 - MERCED	CA2410008	CAL AM - MEADOWBROOK	CA2410008_004_004	WELL 04
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_001_001	WELL 01A - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_003_003	WELL 01C - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_004_004	WELL 02A - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_005_005	WELL 02B - RAW

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_008_008	WELL 03C - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_011_011	WELL 05B - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_015_015	WELL 08 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_016_016	WELL 09 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_021_021	WELL 14 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_022_022	WELL 07C - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_023_023	WELL 02C - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_042_042	WELL 16 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_048_048	WELL 15 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_057_057	WELL 20 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410009	CITY OF MERCED	CA2410009_058_058	WELL 21 - RAW
MERCED	DISTRICT 11 - MERCED	CA2410010	WINTON WATER & SANITARY DIST	CA2410010_013_013	WELL 14
MERCED	DISTRICT 11 - MERCED	CA2410010	WINTON WATER & SANITARY DIST	CA2410010_014_014	WELL 15
MERCED	DISTRICT 11 - MERCED	CA2410010	WINTON WATER & SANITARY DIST	CA2410010_019_019	WELL 17 - ACTIVE RAW
MERCED	DISTRICT 11 - MERCED	CA2410011	LE GRAND COMM SERVICES DIST	CA2410011_002_002	WELL 01A
MERCED	DISTRICT 11 - MERCED	CA2410011	LE GRAND COMM SERVICES DIST	CA2410011_005_005	WELL 04

<b>County</b>	<b>Regulating Agency</b>	<b>PWS ID</b>	<b>Water System Name</b>	<b>PSCode</b>	<b>Source Name</b>
MERCED	DISTRICT 11 - MERCED	CA2410012	HILMAR COUNTY WATER DISTRICT	CA2410012_004_004	WELL 04 (COX) - RAW - STANDBY
MERCED	DISTRICT 11 - MERCED	CA2410018	SANTA NELLA COUNTY WATER DISTRICT	CA2410018_003_003	WELL 01
MERCED	DISTRICT 11 - MERCED	CA2410700	CASTLE AIRPORT	CA2410700_010_010	WELL 10
MERCED	DISTRICT 11 - MERCED	CA2410700	CASTLE AIRPORT	CA2410700_012_012	WELL 12

**Exhibit B - CONSUMER CONFIDENCE REPORT DETECTION LEVELS (CCRDL) and ADVISORY LEVELS**

	<b>Constituent</b>	<b>CCRDL<sup>1</sup>, ng/L</b>	<b>Notification Level, ug/L or ng/L</b>	<b>Response Level, ug/L or ng/L</b>	<b>Exceedance Methodology<sup>2</sup></b>
1	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	5			
2	1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	5			
3	1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	3			
4	1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	5			
5	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	3			
6	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2			
7	hexafluoropropylene oxide dimer acid (HFPO-DA) (GenX)	5			
8	nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	20			
9	perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	3			
10	perfluoro-3-methoxypropanoic acid (PFMPA)	4			
11	perfluoro-4-methoxybutanoic acid (PFMBA)	3			
12	perfluorobutanesulfonic acid (PFBS)	3	0.5 ug/L	5 ug/L	Single or confirmed sample <sup>2a</sup>
13	perfluorobutanoic acid (PFBA)	5			
14	perfluorodecanoic acid (PFDA)	3			
15	perfluorododecanoic acid (PFDoA)	3			

	Constituent	CCRD <sup>1</sup> , ng/L	Notification Level, ug/L or ng/L	Response Level, ug/L or ng/L	Exceedance Methodology <sup>2</sup>
16	perfluoroheptanesulfonic acid (PFHpS)	3			
17	perfluoroheptanoic acid (PFHpA)	3			
18	perfluorohexanesulfonic acid (PFHxS)	3	3 ng/L	20 ng/L	Single or confirmed sample <sup>2b</sup>
19	perfluorohexanoic acid (PFHxA)	3			
20	perfluorononanoic acid (PFNA)	4			
21	perfluorooctanesulfonic acid (PFOS)	4	6.5 ng/L	40 ng/L	QRAA <sup>2c</sup>
22	perfluorooctanoic acid (PFOA)	4	5.1 ng/L	10 ng/L	QRAA <sup>2c</sup>
23	perfluoropentanesulfonic acid (PFPeS)	4			
24	perfluoropentanoic acid (PFPeA)	3			
25	perfluoroundecanoic acid (PFUnA)	2			

NOTES:

1. The CCRDL is based on the US EPA UCMR 5 minimum reporting levels (MRLs) for 25 EPA 533 constituents. Reference: <https://www.epa.gov/system/files/documents/2022-02/ucmr5-factsheet.pdf>
2. The specific methodology to determine response level exceedances is dependent on the PFAS analyte and health endpoint. An exceedance may be determined by a single or confirmed sample, by calculating a quarterly running annual average (QRAA), or as prescribed in the PFAS analytes Notification Level Issuance by DDW
  - a. Single or confirmed sample for PFBS: If laboratory analysis results exceed the response level, the water system will have an option to conduct a confirmation sample within 30 days of being notified of the result by the laboratory. If a

confirmation sample is collected and analyzed, results will be averaged within that quarter to determine if the confirmed detection is greater than the response level.

- b. Single or confirmed sample for PFHxS: If the laboratory analysis result exceeds the response level (RL), the laboratory will notify the PWS within 48 hours of obtaining the result. The water system could request to the laboratory the use of the field duplicate to confirm the results. If the duplicate is analyzed, the result will be averaged. If the average result is higher than the RL, report the result to State Water Resource Control Board (SWRCB) within 48 hours of receiving the results. If the average does not exceed the RL, inform the SWRCB of the results within seven days of the receipt of the confirmation sample analytical result.
  - c. QRAA: Using the QRAA method, the water system must calculate a quarterly running annual average (QRAA). The QRAA means the average of sample results taken at an individual source, treatment effluent, or delivered water locations for the identified source during four calendar quarters. The QRAA is re-calculated each quarter using the most recent four quarters of results. A single sample may result in the exceedance of the response level. If any sample would cause the QRAA to exceed a response level, the water source would be deemed to have exceeded the response level. If sampling has just begun and there are less than 4 quarters of results to average, then the other quarters will be considered to have a zero value and the quarterly results would be divided by four.
3. Shaded cells represent the analytes that DDW is requesting health-based recommendations and advisory levels.

**STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF DRINKING WATER**

**ORDER DW 2024-0002-DDW**

**GENERAL ORDER REQUIRING MONITORING FOR PER AND  
POLYFLUOROALKYL SUBSTANCES  
CALIFORNIA HEALTH AND SAFETY CODE SECTION 116378**

The State Water Resources Control Board (“State Water Board” or “Board”), acting by and through its Division of Drinking Water (“Division”), hereby issues General Order No. DW 2024-0002-DDW (hereinafter “Order”) pursuant to section 116378 of the Health and Safety Code, as set forth below:

1. WHEREAS, Assembly Bill 756 (2019-Garcia), approved by the Governor on July 31, 2019, and codified as Health and Safety Code section 116378, authorizes the State Water Board to require public water systems to monitor for per and polyfluoroalkyl substances (“PFAS”), in accordance with conditions set by the Board; and
2. WHEREAS, the Budget Act of 2022 appropriated funds to test for PFAS in community public water systems serving disadvantaged and severely disadvantaged communities, the California State University, Sacramento’s Office of Water Programs (OWP) and Babcock Laboratories, Inc. will collect and analyze samples for PFAS chemicals from drinking water sources under this order at no cost to the water system; and
3. WHEREAS, Health and Safety Code section 116378, subdivision (a) requires a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code to perform the analysis of any material required by an order issued pursuant to Health and Safety Code section 116378; and



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4. WHEREAS, an order issued pursuant to Health and Safety Code section 116378 may apply to an individual public water system, specific groups of water systems, or to all public water systems; and
5. WHEREAS, pursuant to Health and Safety Code section 116378, Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code does not apply to an order issued to groups of public water systems or all public water systems; and
6. WHEREAS, Health and Safety Code section 116378, subdivision (c)(1) states that if monitoring results in a confirmed detection, then a community water system or a nontransient-noncommunity water system must report that detection in the annual consumer confidence report. Section 116378, subdivision (c)(1) further states that unless the water source is taken out of use or new data become available to show that the applicable response level is no longer being exceeded, the community or nontransient-noncommunity water system will provide notice of the exceedance of the response level in the water system's consumer confidence report; and
7. WHEREAS, Health and Safety Code section 116378, subdivision (c)(2) states that in addition to the notice required by subdivision (c)(1), for PFAS with notification levels, a community water system or nontransient-noncommunity water system must report a detection which exceeds the notification level as required by Health and Safety Code section 116455; and
8. WHEREAS, Health and Safety Code section 116378, subdivision (c)(3) states that for PFAS with response levels where a detected level of a PFAS chemical exceeds the response level, a community water system or nontransient-noncommunity public water system must take the water source out of use, provide treatment or blending of the source, or provide public notification as specified therein; and

**ORDER DW 2024-0002-DDW**

9. WHEREAS, among other things, Health and Safety Code section 116455 requires that within 30 days of a confirmed detection of a contaminant found in drinking water delivered by a public water system for human consumption that is in excess of a notification level set by the State Water Board, the public water system which supplies water directly to the end user must notify the public water system's governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the water system. A local agency means a city or county. If the water system is a water company regulated by the California Public Utilities Commission ("Commission"), then the water system must also notify the Commission; and
10. WHEREAS, on August 22, 2019, pursuant to Health and Safety Code section 116455, the State Water Board: (1) updated the notification level for perfluorooctanoic acid ("PFOA") from 0.000014 mg/L to 0.0000051 mg/L; (2) updated the notification level for perfluorooctanesulfonic acid ("PFOS") from 0.000013 mg/L to 0.0000065 mg/L; and
11. WHEREAS, on August 22, 2019, the Division requested the development of Public Health Goals (PHG) from the Office of Environmental Health and Hazard Assessment (OEHHA) for PFOA and PFOS; and
12. WHEREAS, on February 6, 2020, pursuant to Health and Safety Code section 116455, the State Water Board: (1) changed the response levels from a total combined PFOA and PFOS concentration of 0.000070 mg/L to 0.000010 mg/L for PFOA and 0.000040 mg/L for PFOS; and
13. WHEREAS, on March 5, 2021, pursuant to Health and Safety Code section 116455, the State Water Board established a perfluorobutane sulfonic acid (PFBS) notification level of 0.0005 mg/L and response level of 0.005 mg/L; and
14. WHEREAS, on October 31, 2022, pursuant to Health and Safety Code section 116455, the State Water Board established a perfluorohexane sulfonic acid

## ORDER DW 2024-0002-DDW

(PFHxS) notification level of 0.000003 mg/L and response level of 0.000020 mg/L; and

15. WHEREAS, by and through this Order, the State Water Board is exercising its authority under Health and Safety Code section 116378 to require those public water systems listed in Exhibit A to this Order to monitor for PFAS in accordance with the conditions set forth below.

THEREFORE, the State Water Board, by and through its Division of Drinking Water, hereby orders the public water systems listed in Exhibit A to this Order, and if not listed, receives at a later date a Notice of Applicability, to monitor for PFAS as follows:

1. On or before April 1<sup>st</sup>, 2024, register at <https://pfas.owp.csus.edu>. Indicate if requesting free sampling services provided by California State University Sacramento's Office of Water Programs (OWP) and designate your contact for scheduling or if intending to self-sample. Not all self-sampling requests will be granted. If selected to self-sample, free sampling kits will be provided, including shipping to and analysis by DDW's contracted laboratory.
2. If using OWP's free sampling services, OWP will propose a sampling date for each well. Respond within 30 days via email or phone to confirm the sampling date or reach a mutually agreed sampling date for all wells to be sampled under this order.
3. On or before August 31<sup>st</sup>, 2026, collect a sample, or if using OWP's free sampling services, provide access for sample collection, from the sources listed in Exhibit A to be analyzed for PFAS.
4. If directed by DDW, collect additional samples from the sources listed in Exhibit A to be analyzed for PFAS on or before December 31<sup>st</sup>, 2026.
5. Samples collected under paragraphs No. 3 and 4 above must be analyzed by DDW's contracted laboratory. All other samples, including confirmation samples, must be analyzed using a laboratory accredited by the California Environmental

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Laboratory Accreditation Program (ELAP) for analysis of PFAS using EPA Method 533. The laboratory must conduct and report electronically a complete analysis for all PFAS analytes under EPA Method 533.

6. Use OWP's free sampling services for monitoring under paragraphs No. 3 and 4 above unless otherwise directed by DDW.
7. Provide a certified Treatment or Distribution Operator to assist the sampling team with site access and to aid in pump and valve operations if using OWP's free sampling services.
8. Attend training and follow all instructions if selected to self-sample.
9. A PFAS detection is a positive finding of a quantifiable amount above the established detection level requirement for any PFAS analyte tested pursuant to this Order. For the purposes of meeting the requirements in Health and Safety Code section 116378, the established detection level requirement for each PFAS analyte will be identified as the Consumer Confidence Report Detection Level (CCRDL). The detection level requirement for each PFAS constituent for which monitoring is required in this Order is identified by the State Water Board and attached to this Order.
10. If a laboratory reports the detection of PFAS in any sample at a concentration greater than the established Detection Level per analyte in Exhibit B, the CCRDL, the water system will have the option of voluntarily collecting one or two confirmation samples within 30 days of being notified of the initial detected result by the laboratory.
11. If a PFAS detection is followed by a confirmation sample with a result less than the Detection Level, a second confirmation sample may be taken by the water system. Both the first and second voluntary confirmation samples must be collected within 30 days of the notification by the laboratory of the initial detected sample result. An initial detected result will be disregarded if both confirmation

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samples do not show the detection of the PFAS contaminant. If no confirmation sample – or only one confirmation sample – is collected, the initial detection must be presumed to be confirmed.

12. If the PFAS detection is confirmed, results of the initial and confirmation samples will be averaged to determine if the confirmed detection is greater than the applicable notification level and/or response level. For calculation purposes, a result below the established detection level will be assigned a value of zero when averaging.
13. If the PFAS detection is confirmed, the detection must be reported in the water system's annual consumer confidence report.
14. If the results of a PFAS detection are confirmed to exceed a notification level, the water system must report the detection as required by Health and Safety Code section 116455. Section 116455 notification is required within 30 days after the water system is first informed by the laboratory of a confirmed detection of the contaminant that exceeds the notification level. As required by section 116455, if the public water system is a retail water system, then the person operating the retail water system must notify the retail water system's governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the retail water system. If the public water system is a wholesale water system, then the person operating the wholesale water system must notify the wholesale water system's governing body and the water systems that are directly supplied with that drinking water.
15. The specific methodology to determine response level exceedances is dependent on the PFAS analyte and health endpoint. An exceedance may be determined by calculating a quarterly running annual average (QRAA), a single or confirmed sample, or as prescribed in the PFAS analytes Notification Level Issuance by DDW. To determine whether monitoring shows an exceedance of a

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response level, refer to the appropriate methodology of the PFAS analyte.

Exhibit B provides a summary of this information but may not be inclusive as new advisory levels are issued.

16. To determine whether monitoring shows an exceedance of a response level for those PFAS analytes that do not use the QRAA method, either a single sample or a confirmed sample is used to determine if the response level is exceeded. Except for PFHxS, if laboratory analysis detects the presence of a constituent in any sample above the response level, the water system will have an option to conduct a confirmation sample within 30 days of being notified of the result by the laboratory. If a confirmation sample is collected and analyzed, all results will be averaged. For PFHxS, if laboratory analysis detects the presence of a constituent in any sample above the response level, the water system will not have an option to conduct a confirmation sample and can request to the laboratory the use of the field duplicate to confirm the results. If the duplicate is analyzed, the result will be averaged.
17. To determine whether monitoring shows an exceedance of a response level for those PFAS analytes using the QRAA method, the water system must calculate a QRAA. The QRAA means the average of sample results taken at an individual source, treatment effluent, or delivered water locations for the identified source during four calendar quarters. The QRAA is re-calculated each quarter using the most recent four quarters of results. A single sample may result in the exceedance of the response level. If any sample would cause the QRAA to exceed a response level, the water source would be deemed to have exceeded the response level. If sampling has just begun and there are less than 4 quarters of results to average, then the other quarters will be considered to have a zero value and the quarterly results would be divided by four. If a system takes more than one sample in a quarter, the average of all the results for that quarter must

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be used when calculating the running annual average. If a system with at least 4 quarterly results does not have four consecutive quarters of monitoring, the running annual average must be based on the 4 most recent results.

18. If any monitoring is undertaken pursuant to this Order results in a concentration of PFAS in the water entering the distribution system that exceeds a response level, the water system must either (1) take the source out of service immediately; (2) utilize treatment or blending; or (3) provide public notification of the response level exceedance. Additionally, the exceedance of the response level must be reported in the annual consumer confidence report.
19. In addition to the sources listed in this Order, public water systems that provide treatment (for example, blending, granular activated carbon, ion exchange, or reverse osmosis treatment) can also voluntarily sample the treated or delivered water to determine notification requirements. If treated water or delivered water samples are proposed to be voluntarily collected, please contact the local DDW district office for input on sampling location and configuration.
20. Public notification for community or nontransient-noncommunity water systems that are delivering water exceeding a response level must meet the requirements of Health and Safety Code section 116378 and either take the source out of use or complete the public notification requirements.
21. The results of all analyses conducted pursuant to this Order must be reported to the Board by the analyzing laboratory using the EDT (Electronic Data Transfer) process in accordance with Section 64469 of Title 22 of the California Code of Regulations. Analytical results must be reported no later than the 10th day of the month following the month in which laboratory analysis was completed.

The State Water Board reserves the right to make modifications to this Order as it may deem necessary to protect public health and safety.

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### SEVERABILITY

The requirements of this Order are severable, and each public water system listed in Exhibit A must comply with each and every provision thereof notwithstanding the effectiveness of any provision.

### FURTHER ENFORCEMENT ACTION

The California Safe Drinking Water Act authorizes the State Water Board to issue a citation or order with the assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California Safe Drinking Water Act or any regulation, permit, standard, citation, or order issued or adopted thereunder including. The California Safe Drinking Water Act also authorizes the State Water Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Water Board, and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the State Water Board.



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Darrin Polhemus, Deputy Director  
State Water Resources Control Board  
Division of Drinking Water

\_\_\_\_\_  
March 4, 2024

Date

Exhibit A – List of Sources Subject to General Order DW 2024-0002-DDW  
Exhibit B - Consumer Confidence Report Detection Levels (CCRDL) and Advisory Levels