

Modesto Regional WTP – Title 22 Constituents

Analyte	Units	MCL	Results ¹					
			2013	2014	2015	2016	2017	2018
1,1,1,2-TETRACHLOROETHANE	µg/L	N/A	<0.5				<0.5	<0.5
1,1,1-TRICHLOROETHANE	µg/L	200					<0.5	<0.5
1,1,2,2-TETRACHLOROETHANE	µg/L	1	<0.5				<0.5	<0.5
1,1,2-TRICHLOROETHANE	µg/L	5	<0.5				<0.5	<0.5
1,1-DICHLOROETHANE	µg/L	5					<0.5	<0.5
1,1-DICHLOROETHENE	µg/L	6					<0.5	<0.5
1,1-DICHLOROPROPENE	µg/L	N/A					<0.5	<0.5
1,1,2TRICHLORO-1,2,2TRIFLUOROETHANE	µg/L	1200					<10.0	<10.0
1,2,3-TRICHLOROBENZENE	µg/L	N/A	<0.5				<0.5	<0.5
1,2,4 TRICHLOROBENZENE	µg/L	5	<0.5				<0.5	<0.5
1,2,4-TRIMETHYLBENZENE	µg/L	N/A	<0.5				<0.5	<0.5
1,2-DICHLOROBENZENE	µg/L	600					<0.5	<0.5
1,2-DICHLOROETHANE	µg/L	0.5					<0.5	<0.5
1,2-DICHLOROPROPANE	µg/L	5					<0.5	<0.5
1,3,5-TRIMETHYLBENZENE	µg/L	N/A	<0.5				<0.5	<0.5
1,3-DICHLOROBENZENE	µg/L	N/A	<0.5				<0.5	<0.5

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1,3-DICHLOROPROPANE	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-DICHLOROPROPENE	µg/L	0.5					<0.5	<0.5
1,4-DICHLOROBENZENE	µg/L	5					<0.5	<0.5
2, 4,5-T	ug/L	N/A	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-DICHLOROPROPANE	ug/L	N/A					<0.5	<0.5
2,4-D	ug/L	10	<10				<10	<10
2,4,5 TP (Silvex)	ug/L	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-BUTANONE	ug/L	N/A	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-CHLOROTOLUENE	µg/L	N/A	<0.5				<0.5	<0.5
2-HEXANONE	ug/L	N/A	<10	<10	<10	<10	<10	<10
3-HYDROXYCARBOFURAN	µg/L	N/A	<3.0				<3.0	<3.0
4-CHLOROTOLUENE	µg/L	N/A	<0.5				<0.5	<0.5
4-METHYL-2-PENTANONE	ug/L	N/A	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
ACETONE	ug/L	N/A	<10	<10	<10	<10	<10	<10
AGGRESSIVE INDEX	UNITS	N/A	11	11	11	11	11	11
ALACHLOR	µg/L	2					<1.0	<1.0
ALDICARB	ug/L	N/A	<3.0				<3.0	<3.0

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ALDICARB SULFONE	ug/L	N/A	<2.0				<2.0	<2.0
ALDICARB SULFOXIDE	ug/L	N/A	<3.0				<3.0	<3.0
ALUMINUM	µg/L	1000	<50	<50	<50	<50	<50	<50
ANTIMONY	µg/L	6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
ARSENIC	µg/L	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
ASBESTOS	MFL	7	NA				waived	waived
ATRAZINE	µg/L	1					<0.5	<0.5
BARIUM	µg/L	1000		<50	<50	<50	<50	<50
BENTAZON	µg/L	18	<2.0				<2.0	<2.0
BENZENE	µg/L	1					<0.5	<0.5
BENZO(a)PYRENE	µg/L	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BERYLLIUM	µg/L	4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
BICARBONATE	mg/L	NO STANDARD	36	37	28	27	31	37
BIS(2-EHTYLHEXYL ADIPATE)	ug/L	3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
BIS(2-EHTYLHEXYL PHTHALATE)	ug/L	3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
BROMACIL	µg/L	N/A	<10				<10	<10

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CHLORIDE	mg/L	600	3.3	3.9	4.2	4.5	3.1	2.9
CHLORINE RESIDUAL	mg/L	4		1.24	1.33	1.30	1.04	0.77
CHLOROBENZENE	µg/L	70					<0.5	<0.5
CHLOROETHANE	µg/L	N/A	<0.5				<0.5	<0.5
CHLOROFORM	µg/L	N/A		37			55	55
CHLOROMETHANE	µg/L	N/A	<0.5				<0.5	<0.5
CHROMIUM	µg/L	50	<10	<5.0	<5.0	<5.0	<10	<10
CHRYPTOSPORIDIUM	oocysts/L	.0075	ND					
CIS-1,2-DICHLOROETHYLENE	µg/L	6					<0.5	<0.5
CIS-1,3-DICHLOROPROPENE	µg/L	0.5					<0.5	<0.5
COLIFORM BACTERIA	MPN	<5% Positive					Absent	Absent
COLOR	UNITS	15	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
COPPER	µg/L	1000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
CYANIDE	µg/L	150	NA					
DALAPON	µg/L	200	<10				<10	<10
DIAZINON	µg/L	N/A	<0.25				<0.25	<0.25
DIBROMOCHLOROMETHANE	µg/L	N/A	<0.5	ND	ND	ND	<0.5	<0.5

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DIBROMOCHLOROPROPANE (DBCP)	µg/L	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
DIBROMOMETHANE	µg/L	N/A	<0.5				<0.5	<0.5
DICAMBA	µg/L	N/A	<1.5				<1.5	<1.5
DICHLORODIFLUOROMETHANE	µg/L	N/A	<0.5				<0.5	<0.5
DICHLOROMETHANE	ug/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DI-ISOPROPYL ETHER	ug/L	N/A					<3.0	<3.0
DIMETHOATE	µg/L	N/A	<10				<10	<10
DINOSEB	µg/L	7					<2	<2
DIQUAT	µg/L	20	NA				<4.0	<4.0
EHTYLENE DIBROMIDE	ug/L	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
ENDOTHALL	µg/L	100	NA				<45	<45
ENDRIN	µg/L	2.0					<0.1	<0.1
ETHYL BENZENE	µg/L	300	0.52				<0.5	<0.5
ETHYL-t-BUTYL ETHER	ug/L	NO STANDARD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
FLUORIDE	mg/L	2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
FOAMING AGENTS (MBAS)	mg/L	0.5	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
GLYPHOSATE	ug/L	700	<25				<25	<25

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MERCURY	µg/L	2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2
METHOMYL	µg/L	N/A	<2				<2	<2
METHOXYCHLOR	µg/L	40					<10	<10
METHYLENE BLUE ACTIVE SUBSTANCES	mg/L	N/A		ND	ND	ND	ND	ND
METOLACHLOR	µg/L	N/A	<0.5				<0.5	<0.5
METRIBUZIN	µg/L	N/A	<0.5				<0.5	<0.5
MOLINATE	ug/L	20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MTBE	µg/L	5	<0.5f)	<0.5f)	<0.5f)	<0.5f)	<0.5	<0.5
NAPHTHALENE	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
N-BUTYLBENZENE	µg/L	N/A	<0.5				<0.5	<0.5
NICKEL	µg/L	100	<10.0	10	<10	<10	<10	13
NITRATE (AS NO3)	mg/L	45	<1				<0.23	<0.23
NITRATE + NITRITE	mg/L	10	<1	<1	<1	<1	<0.23	<0.23
NITRITE (AS N)	µg/L	1000	<50				<50	<50
N-PROPYLBENZENE	µg/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ODOR THRESHOLD	UNITS	3	8	ND	ND	ND	ND	ND
OXAMYL	µg/L	50					<20	<20

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O-XYLENE	µg/L	N/A					<0.5	<0.5
PENTACHLOROPHENOL	µg/L	1					<0.2	<0.2
PERCHLORATE	ug/L	6	<2.0	<2	<2	<2	<2	<2
pH	UNITS	NO STANDARD	8.5	8.51	8.49	8.47	8.1	8.1
PICLORAM	µg/L	500					<1	<1
P-ISOPROPYLTOLUENE	µg/L	N/A	<0.5				<0.5	<0.5
POTASSIUM	mg/L	NO STANDARD	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
PROPACHLOR	ug/L	N/A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RADIUM 226 & 228 COMBINED ⁴	pCi/L	5 ***	NA	NA	NA	NA	NA	NA
SEC-BUTYLBENZENE	µg/L	N/A	<0.5				<0.5	<0.5
SELENIUM	µg/L	50	<2.0	<2	<2	<2	<2	<2
SILVER	µg/L	50	<10.0	<10	<10	<10	<10	<10
SIMAZINE	µg/L	4					<1	<1
SODIUM	mg/L	NO STANDARD	4.4	4.7	6.3	6.2	4.4	5.1
SPECIFIC CONDUCTANCE	umhos/cm ²	2200	84	87	54	80.1	76	91
STRONTIUM 90 ⁴	pCi/L	8	NA	NA	NA	NA	NA	NA

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TRICHLOROETHYLENE	µg/L	5	<0.5				<0.5	<0.5
TRICHLOROFLUOROMETHANE	µg/L	150					<0.5	<5.0
TRITIUM	pCi/L	20,000	NA					
TURBIDITY	UNITS	0.5	0.03	0.067	0.047	0.056	0.16	0.17
URANIUM	pCi/L	20	NA	NA	NA	NA		
VINYL CHLORIDE	µg/L	0.5	<0.5				<0.5	<0.5
ZINC	µg/L	5000	<50.0	<50	<50	<50	<50	<50

¹ All samples collected from raw water sample tap.

² Secondary Standards.

³ Criterion based on CTR.

⁴ Sampled every 9 years.