2018 Consumer Confidence Report Data — Carlsbad Desalination Plant Effluent Data Date: January 1, 2018 to December 31, 2018

				Data	Date: January 1, 2018	to December 31, Treatment Plant	2018
		State or				Effluent	
		Federal	PHG			Carlsbad	Major Sources in Drinking Water
Parameter	Units	MCL [MRDL]	(MCLG) [MRDLG]	State DLR	Range Average	Desalination Plant	
PRIMARY STANDARDS—Man CLARITY	datory l						
Combined Filter		TT = 0.1 (a)			Highest	0.15	
Effluent Turbidity MICROBIOLOGICAL	%	TT (a)	NA	NA	% d 0.1	98%	Soil runoff
Total Coliform Bacteria (b)	%	5.0	(0)	NA	Range Average	ND ND	Naturally present in the environment
E. coli	(c)	(c)	(0)	NA	Range	ND ND	Human and animal fecal waste
Heterotrophic Plate Count					Average Range	ND - 1.7	
	CFU/ml <mark>oocysts/</mark>		NA	NA	Average Range	0.4 NA	Naturally present in the environment
Cryptosporidium	200 L cysts/	TT	(0)	NA	Average Range	NA NA	Human and animal fecal waste
	200 L	TT	(0)	NA	Average	NA	Human and animal fecal waste
ORGANIC CHEMICALS Pesticides/PCBs							
Alachlor	ppb	2	4	1	Range Average	ND ND	Runoff from herbicide used on row crops
Atrazine	ppb	1	0.15	0.5	Range Average	ND ND	Runoff from herbicide used on row crops and along highways
		10			Range	ND	Runoff/leaching from herbicide used on rice,
Bentazon	ppb	18	200	2	Average Range	ND ND	alfalfa, and grapes Leaching of soil fumigant used on rice, alfalfa,
Carbofuran	ppb	18	1.7	5	Average Range	ND ND	and grapes
Chlordane	ppt	100	30	100	Average	ND ND	Residue of banned insecticide
2,4-D	ppb	70	20	10	Range Average	ND	Runoff from herbicide used on row crops, rangeland, lawns, and aquatic weeds
Dalapon	ppb	200	790	10	Range Average	ND ND	Runoff from herbicide used on rights-of-way, crops, and landscapes
Dibromochloropropane (DBCP)		200	1.7	10	Range Average	ND ND	Banned nematocide that may still be present in soils
	ppt				Range	ND	Runoff from herbicide used on soybeans,
Dinoseb	ppb	7	14	2	Average Range	ND ND	vegetables, and fruits Runoff from herbicide used for terrestrial
Diquat	ppb	20	15	4	Average Range	ND ND	and aquatic weeds Runoff from herbicide used for terrestrial
Endothall	ppb	100	94	45	Average	ND	and aquatic weeds
Endrin	ppb	2	1.8	0.1	Range Average	ND ND	Residue of banned insecticide and rodenticide
Ethylene Dibromide (EDB)	ppt	50	10	20	Range Average	ND ND	Petroleum refinery discharges; underground gas tank leaks
					Range	ND	
Glyphosate	ppb	700	900	25	Average Range	ND ND	Runoff from herbicide use
Heptachlor	ppt	10	8	10	Average Range	ND ND	Residue of banned insecticide
Heptachlor Epoxide	ppt	10	6	10	Average	ND	Breakdown product of heptachlor
Lindane	ppt	200	32	200	Range Average	ND ND	Runoff/leaching from insecticide used on cattle, lumber, and gardens
Methoxychlor	ppb	30	0.09	10	Range Average	ND ND	Runoff/leaching from insecticide uses
Molinate (Ordram)	ppb	20	1	2	Range Average	ND ND	Runoff/leaching from herbicide used on rice
			1		Range	ND	
Oxamyl (Vydate)	ppb	50	26	20	Average Range	ND ND	Runoff/leaching from insecticide uses Discharge from wood preserving factories
Pentachlorophenol	ppb	1	0.3	0.2	Average Range	ND ND	other insecticidal and herbicidal uses
Picloram Delyableringtod	ppb	500	500	1	Average	ND	Herbicide runoff
Polychlorinated Biphenyls (PCBs)	ppt	500	90	500	Range Average	ND ND	Runoff from landfills; discharge of waste chemicals
Simazine	ppb	4	4	1	Range Average	ND ND	Herbicide runoff
Thiobencarb	ppb	70	70	1	Range Average	ND ND	Runoff leaching from rice herbicide
2,4,5-TP				1	Range	ND	
(Silvex)	ppb	50	3	1	Average Range	ND ND	Residue of banned herbicide Runoff/leaching from insecticide used on
Toxaphene Semi-Volatile Organic Compo	ppb unds	3	0.03	1	Average	ND	cotton and cattle
		TT	(0)	NIA	Range Average	NA	Water treatment chemical impurities
Acrylamide	NA	TT	(0)	NA	Average Range	NA ND	Water treatment chemical impurities Leaching from water storage tank linings
Benzo(a)pyrene	ppt	200	7	100	Average Range	ND ND	and distribution lines
Di(2-ethylhexyl)adipate	ppb	400	200	5	Average Range	ND ND	Discharge from chemical factories Chemical factory discharge; inert ingredient
Di(2-ethylhexyl)phthalate	ppb	4	12	3	Average	ND	in pesticides
Epichlorohydrin	NA	TT	(0)	NA	Range Average	ND ND	Water treatment chemical impurities
Hexachlorobenzene	ppb	1	0.03	0.5	Range Average	ND ND	Discharge from metal refineries & agrichemicals factories; wastewater chlorination reaction byproduct
		1		0.0	Range	ND	
Hexachlorocyclopentadiene 2,3,7,8-TCDD	ppb	50	2	1	Average Range	ND ND	Discharge from chemical factories Waste incineration emissions; chemical factory
(Dioxin) Volatile Organic Compounds	ppq	30	0.05	5	Average	ND	discharge
	nnh	4	0.15	0.5	Range	ND	Plastics factory discharge; gas tanks
Benzene	ppb	I			Average Range	ND ND	and landfill leaching Discharge from chemical plants and other industrial
Carbon Tetrachloride	ppt	500	100	500	Average Range	ND ND	waste
1,2-Dichlorobenzene	ppb	600	600	0.5	Average Range	ND ND	Discharge from industrial chemical factories
1,4-Dichlorobenzene	ppb	5	6	0.5	Average	ND	Discharge from industrial chemical factories
1,1-Dichloroethane	ppb	5	3	0.5	Range Average	ND ND	Extraction and degreasing solvent; fumigant
1,2-Dichloroethane	ppt	500	400	500	Range Average	ND ND	Discharge from industrial chemical factories
					Range	ND	
1,1-Dichloroethylene	ppb	6	10	0.5	Average Range	ND ND	Discharge from industrial chemical factories Industrial chemical factory discharge;
cis-1,2-Dichloroethylene	ppb	6	100	0.5	Average Range	ND ND	byproduct of TCE and PCE biodegradation Industrial chemical factory discharge;
trans-1,2-Dichloroethylene	ppb	10	60	0.5	Average	ND	byproduct of TCE and PCE biodegradation
Dichloromethane (Methylene Chloride)	ppb	5	4	0.5	Range Average	ND ND	Discharge from pharmaceutical and chemical factories
					Range	ND	Industrial chemical factory discharge;

1,2-Dichloropropane	ppb	5	0.5	0.5	Average	ND	primary component of some fumigants
1,3-Dichloropropene	ppt	500	200	500	Range Average	ND	Runoff/leaching from nematocide used on croplands
					Range	ND	Petroleum refinery discharge; industrial
Ethylbenzene Methyl-tert-butyl ether	ppb	300	300	0.5	Average Range	ND ND	chemical factories
(MTBE)	ppb	13	13	3	Average Range	ND ND	Gasoline discharge from watercraft engines Discharge from industrial, agricultural, and chemical
Monochlorobenzene	ppb	70	70	0.5	Average	ND	factories, and dry cleaners
Styrene	ppb	100	0.5	0.5	Range Average	ND	Rubber and plastics factories discharge; landfill leaching
1,1,2,2-Tetrachloroethane	ppb	1	0.1	0.5	Range Average	ND ND	Discharge from industrial, agricultural, and chemical factories; solvent uses
Tetrachloroethylene		- -			Range	ND	Discharge from factories, dry cleaners,
(PCE)	ppb	5	0.06	0.5	Average Range	ND ND	and auto shops
Toluene	ppb	150	150	0.5	Average Range	ND ND	Discharge from petroleum and chemical refineries
1,2,4-Trichlorobenzene	ppb	5	5	0.5	Average Range		Discharge from textile-finishing factories Metal degreasing site discharge; manufacture
1,1,1-Trichloroethane	ppb	200	1,000	0.5	Average	ND	of food wrappings
1,1,2-Trichloroethane	ppb	5	0.3	0.5	Range Average	ND ND	Discharge from industrial chemical factories
Trichloroethylene (TCE)	ppb	5	1.7	0.5	Range Average	ND ND	Discharge from metal degreasing sites and other factories
Trichlorofluoromethane					Range	ND	Industrial factory discharge; degreasing solvent;
(Freon-11) 1,1,2-Trichloro-1,2,2-	ppb	150	1300	5	Average Range		propellant Discharge from metal degreasing sites and other
trifluoroethane (Freon-113)	ppm	1.2	4	0.01	Average Range	ND ND	factories; dry cleaning solvent; refrigerant Leaching from PVC piping; plastic factory
Vinyl Chloride	ppt	500	50	500	Average	ND	discharge; byproduct of TCE and PCE biodegradation
Xylenes	ppm	1.750	1.8	0.0005	Range Average	ND ND	Discharge from petroleum and chemical refineries; fuel solvent
INORGANIC CHEMICALS					Range	ND	Residue from water treatment process;
Aluminum	ppm	1	0.6	0.05	Average	ND	natural deposits erosion
Antimony	ppb	6	20	6	Range Average		Petroleum refinery discharges; fire retardants; solder; electronics
Arsenic	ppb	10	0.004	2	Range Average		Natural deposits erosion, glass and electronics
		7	7		Range	NA	Asbestos cement pipes internal corrosion;
Asbestos (f)	MFL	1	1	0.2	Average Range	ND	natural deposits erosion Oil and metal refineries discharge;
Barium	ppb	1,000	2,000	100	Average Range	ND ND	natural deposits erosion Discharge from metal refineries, aerospace,
Beryllium	ppb	4	1	1	Average Range	ND ND	and defense industries Internal corrosion of galvanized pipes;
Cadmium	ppb	5	0.04	1	Average	ND	natural deposits erosion
Chromium	ppb	50	(100)	10	Range Average	ND ND	Discharge from steel and pulp mills; natural deposits erosion
Chromium VI	ppb	10	0.02	1	Range Average		Runoff/leaching from natural deposits; discharge from industrial waste factories
				0.05	Range	ND	Internal corrosion of household pipes;
Copper	ppm	AL = 1.3	0.3	0.05	Average Range	ND ND	natural deposits erosion Discharge from steel/metal, plastic, and
Cyanide Fluoride (e)	ppb	150	150	100	Average Range		fertilizer factories Erosion of natural deposits;
Treatment-related	ppm	2.0	1	0.1	Average	0.72	water additive that promotes strong teeth
Lead	ppb	AL = 15	0.2	5	Range Average		House pipes internal corrosion; erosion of natural deposits
Mercury	ppb	2	1.2	1	Range Average	ND ND	Erosion of natural deposits; factory discharge; landfill runoff
Nickel	ppb	100	12	10	Range Average		Erosion of natural deposits; discharge from metal factories
					Range	ND	Runoff and leaching from fertilizer use; septic tank
Nitrate (as Nitrogen)	ppm	10	10	0.4	Average Range	ND ND	and sewage; natural deposits erosion Runoff and leaching from fertilizer use; septic tank
Nitrite (as Nitrogen)	ppm	1	1	0.4	Average Range	ND ND	and sewage; natural deposits erosion
Perchlorate	ppb	6	1	4	Average	ND	Industrial waste discharge Refineries, mines, and chemical
Selenium	ppb	50	30	5	Range Average	ND	waste discharge; runoff from livestock lots
Thallium	ppb	2	0.1	1	Range Average	ND ND	Leaching from ore processing; electronics
RADIOLOGICALS Gross Alpha					Range	ND	
Particle Activity	pCi/L	15	(0)	3	Average	ND	Erosion of natural deposits
Gross Beta Particle Activity	pCi/L	50 (I)	(0)	4	Range Average	ND ND	Decay of natural and man-made deposits
Radium-226	pCi/L	NA	0.05	1	Range Average	ND ND	Erosion of natural deposits
				1	Range	ND	
Radium-228 Combined	pCi/L	NA	0.019	•	Average Range	0.1804-0.7080	Erosion of natural deposits
Radium-226/228	pCi/L	5	(0)	NA	Average Range	0.4494 ND	Erosion of natural deposits
Strontium-90	pCi/L	8	0.35	2	Average Range	ND ND	Decay of natural and man-made deposits
Tritium	pCi/L	20000	400	1,000	Average	ND	Decay of natural and man-made deposits
Uranium	pCi/L	20	0.43	1	Range Average		Erosion of natural deposits
DISINFECTION BYPRODUCT	S, DISIN	FECTANT F	RESIDUAL	S, AND DISINFECTI		ECURSORS	
					Range	ND	
Total Trihalomethanes (TTHM)	ppb	80	NA	1.0	Range Average		Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM)		80 80	NA	1.0 1.0	Average Range Highest LRAA	ND ND ND	Byproduct of drinking water chlorination Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes	ppb ppb			1.0	Average Range Highest LRAA Range	ND ND ND ND	Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five)	ppb ppb ppb	80 80	NA NA	1.0 1.0	Average Range Highest LRAA Range Highest LRAA Range	ND ND ND ND ND ND	Byproduct of drinking water chlorination Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five)	ppb ppb ppb	80 80 60	NA NA NA	1.0 1.0 1.0	Average Range Highest LRAA Range Highest LRAA Range Average Range	ND ND ND ND ND ND ND ND ND	Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5)	ppb ppb ppb	80 80	NA NA	1.0 1.0	Average Range Highest LRAA Range Highest LRAA Range Average	ND ND ND ND ND ND ND ND ND	Byproduct of drinking water chlorination Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5)	ppb ppb ppb	80 80 60	NA NA NA	1.0 1.0 1.0	Average Range Highest LRAA Range Highest LRAA Average Average Range Highest LRAA Highest LRAA	ND ND ND ND ND ND ND ND ND ND ND ND	Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five)	ppb ppb ppb ppb	80 80 60 60	NA NA NA	1.0 1.0 1.0 1.0	Average Range Highest LRAA Range Highest LRAA Average Average Range Highest LRAA Range Highest LRAA Range Highest RAA	ND ND ND ND ND ND ND ND ND ND ND ND ND 1.80 - 3.44 3.08	Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Total Chlorine Residual Bromate	ppb ppb ppb ppb	80 80 60 60 60	NA NA NA NA	1.0 1.0 1.0 1.0 1.0	Average Range Highest LRAA Range Highest LRAA Range Average Range Highest LRAA Range Highest LRAA Range	ND ND	Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Drinking water disinfectant added for treatment Byproduct of drinking water ozonation
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Total Chlorine Residual Bromate DBP Precursors Control	ppb ppb ppb ppb	80 80 60 60 [4.0] 10	NA NA NA NA [4.0] 0.1	1.0 1.0 1.0 1.0 1.0 NA 1.0	Average Range Highest LRAA Range Highest LRAA Average Average Range Highest LRAA Range Highest LRAA Range Highest RAA Range Highest RAA Range	ND NA NA NA NA	Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Byproduct of drinking water chlorination Drinking water disinfectant added for treatment Byproduct of drinking water ozonation Various natural and man-made sources;
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Total Chlorine Residual Bromate	ppb ppb ppb ppb ppb	80 80 60 60 [4.0] 10 TT	NA NA NA NA [4.0] 0.1 NA	1.0 1.0 1.0 1.0 1.0 1.0 NA	Average Range Highest LRAA Range Highest LRAA Range Average Range Highest LRAA Range Highest LRAA Range Highest RAA Range Highest RAA Range Average	ND NA NA NA NA NA	Byproduct of drinking water chlorination Drinking water disinfectant added for treatment Byproduct of drinking water ozonation Various natural and man-made sources; TOC as a medium for the formation of disinfection byproducts
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Total Chlorine Residual Bromate DBP Precursors Control as Total Organic Carbon (TOC	ppb ppb ppb ppb ppb	80 80 60 60 [4.0] 10 TT	NA NA NA NA [4.0] 0.1 NA	1.0 1.0 1.0 1.0 1.0 NA 1.0	Average Range Highest LRAA Range Highest LRAA Range Average Range Highest LRAA Range Highest LRAA Range Highest RAA Range Highest RAA Range Average	ND NA NA NA NA ND ND	Byproduct of drinking water chlorination Drinking water disinfectant added for treatment Byproduct of drinking water ozonation Various natural and man-made sources; TOC as a medium for the formation of disinfection byproducts Residue from water treatment process; natural deposits erosion
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Total Chlorine Residual Bromate DBP Precursors Control as Total Organic Carbon (TOC SECONDARY STANDARDS	ppb ppb ppb ppb ppb ppb	80 80 60 60 [4.0] 10 TT	NA NA NA NA [4.0] 0.1 NA S	1.0 1.0 1.0 1.0 1.0 1.0 1.0 NA 1.0 0.30	Average Range Highest LRAA Range Highest LRAA Range Average Range Highest LRAA Range Highest LRAA Range Highest RAA Range Highest RAA Range Average	ND NA ND S55.2-118	Byproduct of drinking water chlorination Drinking water disinfectant added for treatment Byproduct of drinking water ozonation Various natural and man-made sources; TOC as a medium for the formation of disinfection byproducts Residue from water treatment process;
Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Total Trihalomethanes (TTHM) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Haloacetic Acids (five) (HAA5) Total Chlorine Residual Bromate DBP Precursors Control as Total Organic Carbon (TOC SECONDARY STANDARDS— Aluminum	ppb ppb ppb ppb ppb	80 80 60 60 [4.0] 10 TT ic Standard	NA NA NA NA [4.0] 0.1 NA S 0.6	1.0 1.0 1.0 1.0 1.0 1.0 0.0 0.05	Average Range Highest LRAA Range Highest LRAA Range Average Range Highest LRAA Range Highest LRAA Range Highest RAA Range Highest RAA Range Average Average Range Average Range	ND NA NA NA NA ND ND NA NA NA NA NA NA NA NA NA ND ND	Byproduct of drinking water chlorination Drinking water disinfectant added for treatment Byproduct of drinking water ozonation Various natural and man-made sources; TOC as a medium for the formation of disinfection byproducts Residue from water treatment process; natural deposits erosion Runoff/leaching from natural deposits;

Copper ppm 1.0 0.3 0.05 Average ND deposits erosion, wood preservatives leaching. Foaming Agents ppm 0.5 NA NA Average ND Municipal and industrial waste discharges Iron ppm 0.3 NA 0.1 Average ND Leaching from natural deposits; industrial waste discharges Manganese ppm 0.5 NL = 500 20 Average ND Leaching from natural deposits; MTBE ppb 5 13 3 Average ND Gasoline discharge from wateroraft engines Silver ppb 100 NA 1 Average ND Industrial discharges Silver ppb 100 NA 10 Average ND Industrial discharges Sulfate ppm 500 NA 0.5 Average ND Industrial discharges Sulfate ppm 500 NA 0.5 Average ND Industrial wastes Sulfate							
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Odor Threshold TON 3 NA 1 Average ND Naturally-occurring organic materials Silver ppb 100 NA 10 Average ND Industrial discharges Sectific Conductance µS(m) 1.600 NA 10 Average ND Industrial discharges Sulfate ppm 500 NA 0.5 Average 12.2 Industrial wastes Sulfate ppm 500 NA 0.5 Average ND Industrial wastes Thiobencarb ppb 1 70 1 Average ND Runoff/leaching from natural deposits; Total Disolved Solids Image Image 119-333 Runoff/leaching from natural deposits; Turbidity NTU 5 NA 0.1 Average ND Runoff/leaching from natural deposits; Turbidity NTU 5 NA 0.1 Average ND an indicator of the effectiveness of our filtration system Zinc ppm 5.00 NA 0.1 Average ND nudustrial wastes OTHER PARAMETERS Image NA 0.05 Average ND nudustrial wastes OTHER PARAMETERS Image							
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Corrosivity Range 0.05 - 0.53 Elemental balance in water; affected							
(as Saturation Index) SI NA NA NA Average 0.29 by temperature, other factors							
Range 42.2 - 70.9							
Total Hardness ppm NA NA Average 54 Image 0.464 - 1.100 Image 0.464 - 1.100 Image							
Magnesium ppm NA NA Average 0.685 pH Range 8.01 - 8.66							
pH Units NA NA NA Average 8.54							
Range 1.04-3.70							
Potassium ppm NA NA NA Average 2.44							
Range NA							
Radon pCi/L NA NA 100 Average NA							
Range 16.2 - 78.4							
Sodium ppm NA NA NA Average 54.2							
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TOC ppm TT NA 0.30 Highest RAA NA TOC as a medium for the formation of disinfection byproduc	ts						
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(Freon 12) ppb NL = 1,000 NA 0.5 Average ND Industrial waste discharge							
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(ETBE) ppb NA NA 3 Average NA Used as gasoline additive							
tert-Amyl-methyl ether Range NA							
(TAME) ppb NA NA 3 Average NA Used as gasoline additive							
tert-Butyl alcohol NA MTBE breakdown product; used as gasoline							
(TBA) ppb NL = 12 NA 2 Average NA additive							
ABBREVIATIONS AND FOOTNOTES							

Abbreviations

AI	Aggressiveness Index	MCL	Maximum Contaminant Level
AL	Action Level	MCLG	Maximum Contaminant Level Goal
CDPH	California Department of Public Health	MFL	Million Fibers per Liter
CFU	Colony-Forming Units	MRDL	Maximum Residual Disinfectant Level
DBP	Disinfection Byproducts	MRDLG	Maximum Residual Disinfectant Level Goal
DLR	Detection Limits for Purposes of Reporting	NA	Not Applicable
LRAA	Locational Running Annual Average; highest	ND	Not Detected
	LRAA is the highest of all Locational Running	NL	Notification Level
	Annual Averages calculated as average of	NTU	Nephelometric Turbidity Units
	all samples collected within a 12-month	pCi/L	picoCuries per Liter
	period	PHG	Public Health Goal
MBAS	Methylene Blue Active Substances	ppb	parts per billion or micrograms per liter (μ g/L)

Footnotes

- (a) The reverse osmosis filter effluent turbidity must be equal to or less than
 0.1 NTU in 95% of the measurements taken each month, shall not exceed 0.5 NTU in more than two (2) consecutive 15-minute samples and shall not exceed 1.0 NTU at any time. Turbidity is an indicator of the effectiveness of the filters.
- (b) Total coliform MCLs: No more than 5.0% of the monthly samples may be total coliform-positive. Compliance is based on the combined distribution system sampling from all the treatment plants.
- (c) E. coli MCL: The occurrence of two consecutive total coliform-positive samples, one of which contains E. coli, constitutes an acute MCL violation. The MCL was not violated.
- (d) All product water tank effluent samples collected had detectable total chlorine residuals and no HPC was required. HPC reporting level is 1 CFU/ml. Values are based on monthly median per State guidelines and recommendations.
- (e) Fluoride samples that were below target ranges were blended with other water supply sources to maintain compliance in water distributed to consumers.
- (f) Not used
- (g) Boron analysis is included as seawater is a natural source for this constituent.