YUIMA MWD - Wholesalers 2015 Water Quality Information

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR	Testing date: 2015 Range Average	Combined Sources Yuima IDA	Imported Colorado State Project	Major Sources in Drinking Water
PRIMARY STANDARDS--Mandatory Health-Related Standards								
CLARITY								
Combined Filter	NTU	TT-1			Highest	NA	0.10	
Effluent Turbidity	%	TT(a)	NA	NA	%<0.3	NA	100	Soil runoff
MICROBIOLOGICAL								
Total Coliform					Range	ND	ND-0.2	
Bacteria (b)	%	5.0	(0)	NA	Average	ND	ND	Naturally present in the environment
						ND	ND	
E. coli	(c)	(c)	(0)	NA		ND	ND	Human and animal fecal waste
Heterotrophic Plate Count					Range	TT	TT	
(HPC) (d)	CFU/mL	TT	NA	NA	Average	TT	TT	Naturally present in the environment
	Oocysts/				Range	NA	ND	
Cryptosporidium	200 L	TT	(0)	NA	Average	NA	ND	Human and animal fecal waste
	Cysts/				Range	NA	ND	
Giardia	200 L	TT	(0)	NA	Average	NA	ND	Human and animal fecal waste
ORGANIC CHEMICALS								
Pesticides/PCBs								
					Range	ND	ND	
Alachlor	ppb	2	4	1	Average	ND	ND	Runoff from herbicide used on row crops
					Range	ND	ND	Runoff from herbicide used on row crops
Atrazine	ppb	1	0.15	0.5	Average	ND	ND	and along highways
					Range	ND	ND	Runoff/leaching from herbicide used on rice,
Bentazon	ppb	18	200	2	Average	ND	ND	alfalfa, and grapes
					Range	ND	ND	Leaching of soil fumigant used on rice, alfalfa,
Carbofuran	ppb	18	1.7	5	Average	ND	ND	and grapes
					Range	ND	ND	
Chlordane	ppt	100	30	100	Average	ND	ND	Residue of banned insecticide
					Range	ND	ND	Runoff from herbicide used on row crops,
2,4-D	ppb	70	20	10	Average	ND	ND	range land, lawns
					Range	ND	ND	Runoff from herbicide used on rights-of-way,
Dalapon	ppb	200	790	10	Average	ND	ND	crops, and landscapes
Dibromochloropropane					Range	NC	ND	Banned nematocide that may still be present
(DBCP)	ppt	200	1.7	10	Average	NC	ND	in soils
					Range	ND	ND	Runoff from herbicide used on soybeans,
Dinoseb	ppb	7	14	2	Average	ND	ND	vegetables, and fruits
					Range	ND	ND	Runoff from herbicide used for terrestrial
Diquat	ppb	20	15	4	Average	ND	ND	and aquatic weeds
					Range	ND	ND	Runoff from herbicide used for terrestrial
Endothall	ppb	100	94	45	Average	ND	ND	and aquatic weeds
					Range	ND	ND	
Endrin	ppb	2	1.8	0.1	Average	ND	ND	Residue of banned insecticide and rodenticide
Ethylene Dibromide					Range	NC	ND	Petroleum refinery discharges; underground
(EDB)	ppt	50	10	20	Average	NC	ND	gas tank leaks
					Range	ND	ND	
Glyphosate	ppb	700	900	25	Average	ND	ND	Runoff from herbicide use
					Range	ND	ND	
Heptachlor	ppt	10	8	10	Average	ND	ND	Residue of banned insecticide
					Range	ND	ND	
Heptachlor Epoxide	ppt	10	6	10	Average	ND	ND	Breakdown product of heptachlor
					Range	ND	ND	Runoff/leaching from insecticide used on cattle,
Lindane	ppt	200	32	200	Average	ND	ND	lumber, and gardens
					Range	ND	ND	
Methoxychlor	ppb	30	0.09	10	Average	ND	ND	Runoff/leaching from insecticide uses
					Range	ND	ND	
Molinate (Ordram)	ppb	20	1	2	Average	ND	ND	Runoff/leaching from herbicide used on rice
					Range	ND	ND	
Oxamyl (Vydate)	ppb	50	26	20	Average	ND	ND	Runoff/leaching from insecticide uses
					Range	ND	ND	Discharge from wood preserving factories
Pentachlorophenol	ppb	1	0.3	0.2	Average	ND	ND	other insecticidal and herbicidal uses
					Range	ND	ND	
Picloram	ppb	500	500	1	Average	ND	ND	Herbicide runoff
Polychlorinated					Range	ND	ND	
Biphenyls (PCBs)	ppt	500	90	500	Average	ND	ND	Runoff from landfills; discharge of waste chemicals

YUIMA MWD - Wholesalers 2015 Water Quality Information

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR	Testing date: 2015 Range Average	Combined Sources Yuima IDA	Imported Colorado State Project	Major Sources in Drinking Water
					Range	ND	ND	
Simazine	ppb	4	4	1	Average	ND	ND	Herbicide runoff
					Range	ND	ND	
Thiobencarb (e)	ppb	70	70	1	Average	ND	ND	Runoff leaching from rice herbicide
2,4,5-TP					Range	ND	ND	
(Silvex)	ppb	50	3	1	Average	ND	ND	Residue of banned herbicide
					Range	ND	ND	Runoff/leaching from insecticide used on
Toxaphene	ppb	3	0.03	1	Average	ND	ND	cotton and cattle
Semi-Volatile Organic Compounds								
					Range	NC	TT	
Acrylamide	NA	TT	(0)	NA	Average	NC	TT	Water treatment chemical impurities
					Range	ND	ND	Leaching from water storage tank linings
Benzo(a)pyrene	ppt	200	7	100	Average	ND	ND	and distribution lines
					Range	ND	ND	
Di(2-ethylhexyl)adipate	ppb	400	200	5	Average	ND	ND	Discharge from chemical factories
					Range	ND	ND	Chemical factory discharge; inert ingredient
Di(2-ethylhexyl)phthalate	ppb	4	12	3	Average	ND	ND	in pesticides
					Range	NU	TT	
Epichlorohydrin	NA	TT	(0)	NA	Average	NU	TT	Water treatment chemical impurities
					Range	ND	ND	Discharge from metal refineries & agrichemicals
Hexachlorobenzene	ppb	1	0.03	0.5	Average	ND	ND	factories; wastewater chlorination reaction by-product
					Range	ND	ND	
Hexachlorocyclopentadiene	ppb	50	2	1	Average	ND	ND	Discharge from chemical factories
2,3,7,8-TCDD					Range	NC	ND	Waste incineration emissions; chemical factory
(Dioxin)	ppq	30	0.05	5	Average	NC	ND	discharge
Volatile Organic Compounds								
					Range	ND	ND	Plastics factory discharge; gas tanks
Benzene	ppb	1	0.15	0.5	Average	ND	ND	and landfill leaching
					Range	ND	ND	Discharge from chemical plants and other industrial
Carbon Tetrachloride	ppt	500	100	500	Average	ND	ND	waste
					Range	ND	ND	
1,2-Dichlorobenzene	ppb	600	600	0.5	Average	ND	ND	Discharge from industrial chemical factories
					Range	ND	ND	
1,4-Dichlorobenzene	ppb	5	6	0.5	Average	ND	ND	Discharge from industrial chemical factories
					Range	ND	ND	
1,1-Dichloroethane	ppb	5	3	0.5	Average	ND	ND	Extraction and degreasing solvent; fumigant
					Range	ND	ND	
1,2-Dichloroethane	ppt	500	400	500	Average	ND	ND	Discharge from industrial chemical factories
					Range	ND	ND	
1,1-Dichloroethylene	ppb	6	10	0.5	Average	ND	ND	Discharge from industrial chemical factories
					Range	ND	ND	Industrial chemical factory discharge;
cis -1,2-Dichloroethylene	ppb	6	100	0.5	Average	ND	ND	by-product of TCE and PCE biodegradation
					Range	ND	ND	Industrial chemical factory discharge;
trans -1,2-Dichloroethylene	ppb	10	60	0.5	Average	ND	ND	by-product of TCE and PCE biodegradation
Dichloromethane					Range	ND	ND	Discharge from pharmaceutical
(Methylene Chloride)	ppb	5	4	0.5	Average	ND	ND	and chemical factories
					Range	ND	ND	Industrial chemical factory discharge;
1,2-Dichloropropane	ppb	5	0.5	0.5	Average	ND	ND	primary component of some fumigants
					Range	ND	ND	Runoff/leaching from nematocide used on
1,3-Dichloropropene	ppt	500	200	500	Average	ND	ND	croplands
					Range	ND	ND	Petroleum refinery discharge; industrial
Ethylbenzene	ppb	300	300	0.5	Average	ND	ND	chemical factories
Methyl-*tert* -butyl ether					Range	ND	ND	
(MTBE) (e,f)	ppb	13	13	3	Average	ND	ND	Gasoline discharge from watercraft engines
					Range	NC	ND	Discharge from industrial, agricultural, and chemical
Monochlorobenzene	ppb	70	70	0.5	Average	NC	ND	factories, and dry cleaners
					Range	ND	ND	Rubber and plastics factories discharge;
Styrene	ppb	100	0.5	0.5	Average	ND	ND	landfill leaching
					Range	ND	ND	Discharge from industrial, agricultural, and chemical
1,1,2,2-Tetrachloroethane	ppb	1	0.1	0.5	Average	ND	ND	factories; solvent uses
Tetrachloroethylene					Range	ND	ND	Discharge from factories, dry cleaners,
(PCE)	ppb	5	0.06	0.5	Average	ND	ND	and auto shops
					Range	ND	ND	
Toluene	ppb	150	150	0.5	Average	ND	ND	Discharge from petroleum and chemical refineries

YUIMA MWD - Wholesalers 2015 Water Quality Information

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR	Testing date: 2015 Range Average	Combined Sources Yuima IDA	Imported Colorado State Project	Major Sources in Drinking Water
					Range	ND	ND	
1,2,4-Trichlorobenzene	ppb	5	5	0.5	Average	ND	ND	Discharge from textile-finishing factories
					Range	ND	ND	Metal degreasing site discharge; manufacture
1,1,1-Trichloroethane	ppb	200	1,000	0.5	Average	ND	ND	of food wrappings
					Range	ND	ND	
1,1,2-Trichloroethane	ppb	5	0.3	0.5	Average	ND	ND	Discharge from industrial chemical factories
Trichloroethylene					Range	ND	ND	Discharge from metal degreasing sites and
(TCE)	ppb	5	1.7	0.5	Average	ND	ND	other factories
Trichlorofluoromethane					Range	ND-99	ND	Industrial factory discharge; degreasing solvent;
(Freon-11)	ppb	150	1300	5	Average	34.8	ND	propellant
1,1,2-Trichloro-1,2,2-					Range	ND	ND	Discharge from metal degreasing sites and other
trifluoroethane (Freon-113)	ppm	1.2	4	0.01	Average	ND	ND	factories; dry cleaning solvent; refrigerant
					Range	ND	ND	Leaching from PVC piping; plastic factory
Vinyl Chloride	ppt	500	50	500	Average	ND	ND	discharge; by-product of TCE and PCE biodegradation
					Range	ND	ND	Discharge from petroleum and chemical refineries;
Xylenes	ppm	1.750	1.8	0.0005	Average	ND	ND	fuel solvent
INORGANIC CHEMICALS								
					Range	ND-98	ND-240	Residue from water treatment process;
Aluminum	ppb	1,000	600	50	Average	70	85.2	natural deposits erosion
					Range	ND	ND	Petroleum refinery discharges; fire retardants;
Antimony	ppb	6	20	6	Average	ND	ND	solder; electronics
					Range	ND	ND-3.3	Natural deposits erosion, glass and electronics
Arsenic	ppb	10	0.004	2	Average	ND	1.98	production wastes
					Range	0.2	ND	Asbestos cement pipes internal corrosion;
Asbestos (e)	MFL	7	7	0.2	Average	0.2	ND	natural deposits erosion
					Range	3.4-70	ND-125	Oil and metal refineries discharge;
Barium	ppb	1,000	2,000	100	Average	26.3	74.2	natural deposits erosion
					Range	ND	ND	Discharge from metal refineries, aerospace,
Beryllium	ppb	4	1	1	Average	ND	ND	and defense industries
					Range	ND	ND	Internal corrosion of galvanized pipes;
Cadmium	ppb	5	0.04	1	Average	ND	ND	natural deposits erosion
					Range	ND	ND	Discharge from steel and pulp mills;
Chromium	ppb	50	(100)	10	Average	ND	ND	natural deposits erosion
					Range	ND-1.9	ND	Industrial waste discharge; could be
Chromium VI (f)	ppb	10	0.02	1	Average	0.32	ND	naturally present as well
					Site Sampled	5	ND	Internal corrosion of household pipes;
Copper (g)	ppm	AL = 1.3	0.3	0.05	90th %	0.27	ND	natural deposits erosion
					Range	ND	ND	Discharge from steel/metal, plastic, and
Cyanide	ppb	150	150	100	Average	ND	ND	fertilizer factories
Fluoride (h)					Range	0.19-0.20	0.50-0.90	Water additive for dental health
Treatment-related	ppm	2.0	1	0.1	Average	0.19	0.7	
					Site Sampled	5	ND	House pipes internal corrosion;
Lead (g)	ppb	AL = 15	0.2	5	90th %	3.5	ND	erosion of natural deposits
					Range	ND	ND	Erosion of natural deposits; factory discharge;
Mercury	ppb	2	1.2	1	Average	ND	ND	landfill runoff
					Range	ND	ND	Erosion of natural deposits; discharge from
Nickel	ppb	100	12	10	Average	ND	ND	metal factories
					Range	ND-**10.29**	ND	Runoff and leaching from fertilizer use; septic tank
Nitrate (as N) (i)	ppm	10	10	0.4	Average	2.76	ND	and sewage; natural deposits erosion
					Range	ND-3.1	ND	Runoff and leaching from fertilizer use; septic tank
Nitrite (as N)	ppm	1	1	0.4	Average	0.78	ND	and sewage; natural deposits erosion
					Range	ND	ND	Yuima values are treated
Perchlorate (j)	ppb	6	1	4	Average	ND	ND	Industrial waste discharge
					Range	ND-2.9	ND	Refineries, mines, and chemical
Selenium	ppb	50	30	5	Average	0.97	ND	waste discharge; runoff from livestock lots
					Range	ND	ND	Leaching from ore processing; electronics
Thallium	ppb	2	0.1	1	Average	ND	ND	factory discharge

YUIMA MWD - Wholesalers 2015 Water Quality Information

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR	Testing date: 2015 Range Average	Combined Sources Yuima IDA	Imported Colorado State Project	Major Sources in Drinking Water
RADIOLOGICALS								
Gross Alpha					Range	0.3-2.67	ND-5	
Particle Activity	pCi/L	15	(0)	3	Average	1.28	0.6	Erosion of natural deposits
Gross Beta					Range	4.3	ND-6	
Particle Activity	pCi/L	50	(0)	4	Average	4.3	3	Decay of natural and man-made deposits
					Range	NC	ND	
Radium-226	pCi/L	NA	0.05	1	Average	NC	ND	Erosion of natural deposits
					Range	ND-0.16	ND	
Radium-228	pCi/L	NA	0.019	1	Average	0.06	ND	Erosion of natural deposits
Combined					Range	NC	ND	
Radium-226 + 228	pCi/L	5	(0)	NA	Average	NC	ND	Erosion of natural deposits
					Range	NC	ND	
Strontium-90	pCi/L	8	0.35	2	Average	NC	ND	Decay of natural and man-made deposits
					Range	NC	ND	
Tritium	pCi/L	20,000	400	1,000	Average	NC	ND	Decay of natural and man-made deposits
					Range	5.1	ND-4	
Uranium	pCi/L	20	0.43	1	Average	5.1	2.4	Erosion of natural deposits
DISINFECTION BY-PRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BY-PRODUCTS PRECURSORS								
Total Trihalomethanes					Range	14-18	17-66	
(TTHM) (l)	ppb	80	NA	1	Average	16	39	By-product of drinking water chlorination
Haloacetic Acids (five)					Range	6-9.7	1.7-20	
(HAA5) (m)	ppb	60	NA	1	Average	7.85	17	By-product of drinking water chlorination
					Range	0.5-2.3	1.1-3.0	
Total Chlorine Residual	ppm	[4.0]	[4.0]	NA	Average	1.25	2.4	Drinking water disinfectant added for treatment
					Range	NC	ND-13	
Bromate	ppb	10	0.1	1	Average	NC	4.2	By-product of drinking water ozonation
DBP Precursors Control					Range	NC	TT	
(TOC)	ppm	TT	NA	0.30	Average	NC	TT	Various natural and man-made sources
SECONDARY STANDARDS--Aesthetic Standards								
					Range	ND-98	ND-240	Residue from water treatment process;
Aluminum	ppb	200	600	50	Highest RAA	70	85.2	natural deposits erosion
					Range	7.9-78	76-105	Runoff/leaching from natural deposits;
Chloride	ppm	500	NA	NA	Average	32.97	95.2	seawater influence
					Range	ND-5	1	
Color	Units	15	NA	NA	Average	1.67	1	Naturally-occurring organic materials
					Site Sampled	5	ND	Internal corrosion of household pipes; natural
Copper (g)	ppm	1.0	0.3	0.05	90th %	0.265	ND	deposits erosion; wood preservatives leaching
Foaming Agents					Range	NC	ND	
(MBAS)	ppb	500	NA	NA	Average	NC	ND	Municipal and industrial waste discharges
					Range	ND-1800	ND	Yuima values are treated
Iron	ppb	300	NA	100	Average	230	ND	Leaching from natural deposits; industrial wastes
					Range	ND-240	ND	Yuima values are treated
Manganese	ppb	50	NL = 500	20	Average	70	ND	Leaching from natural deposits
					Range	ND	ND	
MTBE	ppb	5	13	3	Average	ND	ND	Gasoline discharge from watercraft engines
					Range	ND	2	
Odor Threshold	TON	3	NA	1	Average	ND	2	Naturally-occurring organic materials
					Range	ND	ND	
Silver	ppb	100	NA	10	Average	ND	ND	Industrial discharges
					Range	380-730	580-1060	Substances that form ions in water;
Specific Conductance	µS/cm	1,600	NA	NA	Average	546.67	884.2	seawater influence
					Range	75-140	81-261	Runoff/leaching from natural deposits;
Sulfate	ppm	500	NA	0.5	Average	99	190	industrial wastes
					Range	ND	ND	
Thiobencarb (e)	ppb	1	70	1	Average	ND	ND	Runoff/leaching from rice herbicide
Total Dissolved Solids					Range	210-460	335-665	Runoff/leaching from natural deposits;
(TDS)	ppm	1,000	NA	NA	Average	340	545	seawater influence
					Range	ND-0.41	ND	
Turbidity (a)	NTU	5	NA	.1	Average	0.21	ND	Soil runoff
					Range	ND	ND	Runoff/leaching from natural deposits;
Zinc	ppm	5.0	NA	0.05	Average	ND	ND	industrial wastes

YUIMA MWD - Wholesalers 2015 Water Quality Information

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR	Testing date: 2015 Range Average	Combined Sources Yuima IDA	Imported Colorado State Project	Major Sources in Drinking Water
OTHER PARAMETERS								
MICROBIOLOGICAL								
					Range	ND-740	ND - 1	
HPC (d)	CFU/mL	TT	NA	NA	Average	155.25	ND	Naturally present in the environment
CHEMICAL								
					Range	160	77-131	
Alkalinity (as CaCO3)	ppm	NA	NA	NA	Average	160	110.4	
					Range	NC	120-240	Some pregnant women who drink water in excess
Boron	ppb	NL = 1,000	NA	100	Average	NC	164	containing boron - risk of developmental effects
					Range	40-64	27-80	
Calcium	ppm	NA	NA	NA	Average	56	59.6	
					Range	NC	36-109	By-product of drinking water chlorination;
Chlorate	ppb	NL = 800	NA	20	Range	NC	91-147	industrial processes
Corrosivity (n)					Range	11-12	11.9-12.5	Elemental balance in water; affected
(as Aggressiveness Index)	AI	NA	NA	NA	Average	11.67	12.34	by temperature, other factors
Corrosivity (o)					Range	NA	0.18-0.74	Elemental balance in water; affected
(as Saturation Index)	SI	NA	NA	NA	Average	NA	.50	by temperature, other factors
					Range	120-220	102-307	
Hardness (as CaCO3)	ppm	NA	NA	NA	Average	180	229.4	Municipal and industrial waste discharges
					Range	7.8-23	6-28	
Magnesium	ppm	NA	NA	NA	Average	13.93	20	
	pH				Range	6.94-8.0	8.1-8.4	
pH	Units	NA	NA	NA	Average	7.6	8.2	
					Range	3.9-5.5	2.2-5.1	
Potassium	ppm	NA	NA	NA	Average	4.87	4.02	
					Range	NC	ND	
Radon	pCi/L	NA	NA	100	Average	NC	ND	
					Range	18-55	77-104	
Sodium	ppm	NA	NA	NA	Average	32	94.4	
					Range	NC	1.2-3.1	Various natural and man-made sources
TOC	ppm	TT	NA	0.30	Average	NC	2.28	TOC as a medium for the formation of disinfection byproducts
					Range	NA	ND-9.0	
Vanadium	ppb	NL = 50	NA	3	Average	NA	3.34	Naturally-occurring; industrial waste discharge
N-Nitrosodimethylamine					Range	NC	ND-2.5	By-product of drinking water chloramination;
(NDMA)	ppt	NL = 10	3	2	Range	NC	ND-6.0	industrial processes
Dichlorodifluoromethane					Range	ND	ND	
(Freon 12)	ppb	NL = 1,000	NA	0.5	Average	ND	ND	Industrial waste discharge
Ethyl-*tert*-butyl ether					Range	NC	ND	
(ETBE)	ppb	NA	NA	3	Average	NC	ND	Used as gasoline additive
tert-Amyl-methyl ether					Range	NC	ND	
(TAME)	ppb	NA	NA	3	Average	NC	ND	Used as gasoline additive
tert-Butyl alcohol					Range	NC	ND	MTBE breakdown product; used as gasoline
(TBA)	ppb	NL = 12	NA	2	Average	NC	ND	additive

YUIMA MWD - Wholesalers 2015 Water Quality Information

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR	Testing date: 2015 Range Average	Combined Sources Yuima IDA	Imported Colorado State Project	Major Sources in Drinking Water
ABBREVIATIONS AND FOOTNOTES								

Abbreviations

AI	Aggressiveness Index	NL	Notification Level
AL	Action Level	NTU	Nephelometric Turbidity Units
$CaCO_3$	Calcium Carbonate	pCi/L	picoCuries per Liter
CFU	Colony-Forming Units	PHG	Public Health Goal
DBP	Disinfection By-Products	ppb	parts per billion or micrograms per liter (µg/L)
DLR	Detection Limits for purposes of Reporting	ppm	parts per million or milligrams per liter (mg/L)
MBAS	Methylene Blue Active Substances	ppq	parts per quadrillion or picograms per liter (pg/L)
MCL	Maximum Contaminant Level	ppt	parts per trillion or nanograms per liter (ng/L)
MCLG	Maximum Contaminant Level Goal	RAA	Running Annual Average; highest RAA is the highest of all Running Annual Averages calculated
MFL	Million Fibers per Liter		as average of all the samples collected within a twelve-month period
MRDL	Maximum Residual Disinfectant Level	SI	Saturation Index (Langelier)
MRDLG	Maximum Residual Disinfectant Level Goal	TOC	Total Organic Carbon
NU	Not Used	TON	Threshold Odor Number
NA	Not Applicable	TT	Treatment Techniques a required process intended to reduce the level of a contaminant in drinking water
ND	Not Detected	µS/cm	microSiemen per centimeter; or micromho per centimeter (µmho/cm)
NC	Not Collected		

Footnotes: Footnotes (a) through (o) pertain to the Imported Colorado State Project supply.

(a) As a Primary Standard, the turbidity levels of the filtered water were less than or equal to 0.3 NTU in 95% of the online measurements taken each month and did not exceed 1 NTU for more than one hour. Turbidity, a measure of the cloudiness of the water, is an indicator of treatment performance.
The State DLR for turbidity is 0.1 NTU

(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. In 2015, 7509 samples were analyzed and three samples were positive for total coliforms. The MCL was not violated. 24 samples were taken for Yuima and none were positive for total coliform

(c) *E.coli* MCLs: The occurrence of two (2) consecutive total coliform-positive samples, one of which contains fecal coliform/*E. coli* , constitutes an acute MCL violation. The MCL was not violated.

(d) All distribution system 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) Data are from samples collected in 2014 and reported once every nine-year compliance cycle until the next samples are collected.

(f) Metropolitan's chromium VI reporting level is 0.03 ppb, which is below the state DLR of 1 ppb. Data above Metropolitan's reporting leven and below the DLR are reported as ND in this report. These are available upon request.

(g) As a wholesaler, Metropolitan has no retail customers and is not required to collect samples at the consumers' tap under the Lead and Copper Rule.

(h) Starting June 1, 2015, the fluoride levels at the treatment plants were adjusted to achieve an optimal fluoride level of 0.7 ppm and control range of 0.6 ppm to 1.2 ppm Metropolitan was in compliance with all provisions of the State's Fluoridation System Requirements

(j) State MCL is 45 mg/L as nitrate, which is the equivalent of 10 ppm as N.

(j) Metropolitan's perchlorate reporting level is 0.1ppb, which is below the state DLR of 4 ppb. Data above Metropolitan's reporting level and below the DLR are reported as ND in this report. These are available upon request.

(k) State Board considers 50 pCi/L to be the level of concern for beta particles; the gross beta parti activity MCL is 4 millirem/year annual dose equivalent to the total body or any internal organ.

(l) Compliance was based on the highest Locational Running Annual Average (LRAA) of all data collected at the treatment plant specific core monitoring locations. Results are based on approved State Board compliance monitoring plan.

(m) Compliance was based on the highest Locational Running Annual Average (LRAA) of all data collected at the treatment plant specific core monitoring locations. Results are based on approved State Board compliance monitoring plan.

(n) AI<10.0= Highly aggressive and very corrosive water
AI>12.0= Non-aggressive water
AI (10.0-11.9)= Moderately aggressive water

(o) Positive SI index = non-corrosive; tendency to precipitate and/or deposit scale on pipes.
Negative SI index=corrosive; tendency to dissolve calcium carbonate