

City of West Sacramento - Bryte Bend Water Treatment Plant

SOURCE: Treated Water

CONSTITUENT	METHOD	MCL	DLR	PHG/(MCLG) UNITS						MIN	MAX	AVG	
					#####	7/12/2006	8/7/2006	8/22/2007	3/24/2008				
64432 - Primary (IOC)													
Aluminum (Al)		1000	50	600	ug/L	130	29		40	37	29	130	66
Antimony (Sb)		6.0	6.0	20.0	ug/L	<6	<6	<6.0	<6.0	<6	<6	<6	<6
Arsenic		50	2.0	0.0	ug/L	<2	<2	<2.0	<2.0	<2	<2	<2	<2
Barium (Ba)		1000	2.0	2000.0	ug/L	<100	20	20	29	<100	<100	<100	<100
Beryllium (Be)		4	1.0	0.1	ug/L	<1	<1	<1.0	<1	<1	<1	<1	<1
Cadmium (Cd)		5	1.0	0.0	ug/L	<1	<1	<1.0	<1	<1	<1	<1	<1
Chromium (Total Cr)		50	10		ug/L	<10		<10	<10	<10	<10	<10	<10
Chromium (Total Cr - Cr VI screen)			1.0		ug/L	<1				<1.0	<1.0	<1.0	<1.0
Chromium , hexavalent (Cr VI)			1.0		ug/L			<1.0		NA	NA	NA	NA
Copper		1300	2.0	170.0	ug/L			<2.0	2.4	<2.0	<2.0	<2.0	<2.0
Cyanide		150		150.0	ug/L	<100	<100	<150	<150	<100	<100	<100	<100
Mercury (Hg)		2	1.0	1.2	ug/L	<1	<1	<1.0	<1	<1	<1	<1	<1
Nickel (Ni)		100	5.0	12.0	ug/L	<10	<10	<10	<5	<5	<5	<5	<5
Selenium (Se)		50	5.0	50.0	ug/L	<5	<5	<5	<5	<5	<5	<5	<5
Thallium (Tl)		2	1.0	0.1	ug/L	<1	<1	<1	<1	<1	<1	<1	<1
Lead (Pb)		50 (AL = 15)	0.5	2.0	ug/L	<5	<5	<5	<0.5	<5	<5	<5	<5
64432 - Fluoride													
Fluoride		1.4 - 2.4	0.05	1000	mg/L	<0.1	<0.1		0.2	<0.05	<0.10	<0.10	<0.10
64432.2 - Asbestos													
Asbestos		7	0.2	7	MFL	NA	NA	<0.2	NA	NA	NA	NA	NA
64432.1 - Nitrate/ Nitrite													
Nitrate (as NO3)		45	2.0	10.0	mg/L	<2.0	<2.0	<2.0		<2.0	<2.0	<2.0	<2.0
Nitrite (NO2)(as N)		1000	300.0	1000.0	ug/L	<300	<300	<300	<300	<300	<300	<300	<300
Total Nitrate/Nitrite		10000	400.0		ug/L	<400	<400	<400	150	<400	150	<400	<400
64449-A - Secondary Standards													
Aluminum (Al)		200	20		ug/L	130	29		40	37	<20	<20	<20
Foaming Agent (MBAS)		0.5	0.05		mg/L	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Iron (Fe)		300	20		ug/L	<50	<50	<300	<20	<20	<20	<20	<20
Manganese (Mn)		50	2		ug/L	<10	<10	<50	<2	<2	<2	<2	<2
Methyl tert-butyl ether	MTBE	5	0.5	13	ug/L	<3.0	<3.0	<5	<0.5	<0.5	<3.0	<3.0	<3.0
Odor		3	1		TON	<1			2	1	1.0	2.0	1.5
64449-B - Secondary Standards													
TDS		500 - 1000 (1500)	10		mg/L	100	102		122	154	100	154	120
Specific Conductance		900 - 1600 (2200)	2		umho/cm	152	149		190	226	149	226	179
Chloride (Cl)		250 - 500 (600)	1		mg/L	4	5.5		6.1	9.4	4	9	6
Sulfate (as SO4)		250 - 500 (600)	0.5	0.5	mg/L	14	16		14	16	14	16	15
pH (25 C)		6.5 - 8.5			Units	7.7		7.6	8.4	8.2	7.6	8.4	8.0

SOURCE: Treated Water

CONSTITUENT	METHOD	MCL	DLR	PHG/(MCLG) UNITS						MIN	MAX	AVG	
					#####	7/12/2006	8/7/2006	8/22/2007	3/24/2008				
64449 (h) - General Mineral													
Bicarbonate				2	mg/L	80	57		90	97	57	97	81
Carbonate				2	mg/L	<10	<10		<10	<2	<2	<2	<2
Hydroxide Alkalinity				2	mg/L	<10	<10		<10	<2	<2	<2	<2
Total Alkalinity				2	mg/L	70	47		74	80	47	80	68
Calcium (Ca)				1	mg/L	12	12		13	16	12	16	13
Magnesium (Mg)				0.1	mg/L	6	6.6		7.9	9.2	6	9	7
Sodium (Na)				1	mg/L	14	8.4		15	15	8	15	13
Potassium (K)				1	mg/L	1	1		1.1	1.3	1.0	1.3	1.1
Hardness (as CaCO3)				3	mg/L	55	57		65	78	55	78	64
Aggressiveness Index			1			11	11		12	12	NA	NA	NA
Langlier Index			1		mg.L	-0.8	-0.5		-0.4	-0.1	NA	NA	NA
Table 64444 -A (VOC)													
Benzene	524.2	1	0.5	0.15	ug/L	<0.5		<0.5	<0.5		<0.5	<0.5	<0.5
Carbon Tetrachloride	524.2	0.5	0.5	0.1	ug/L	<0.5		<0.6	<0.5		<0.5	<0.5	<0.5
1,2-Dichlorobenzene	524.2	600	0.5	600	ug/L	<0.5		<0.7	<0.5		<0.5	<0.5	<0.5
1,4-Dichlorobenzene	524.2	5	0.5	6	ug/L	<0.5		<0.8	<0.5		<0.5	<0.5	<0.5
1,1-Dichloroethane	524.2	5	0.5	3	ug/L	<0.5		<0.9	<0.5		<0.5	<0.5	<0.5
1,2-Dichloroethane	524.2	0.5	0.5	0.4	ug/L	<0.5		<0.10	<0.5		<0.5	<0.5	<0.5
1,1-Dichloroethene	524.2	6	0.5	10	ug/L	<0.5		<0.11	<0.5		<0.5	<0.5	<0.5
Cis-1,2-Dichloroethylene	524.2	6	0.5	100	ug/L	<0.5		<0.12	<0.5		<0.5	<0.5	<0.5
Trans-1,2-Dichloroethylene	524.2	10	0.5	60	ug/L	<0.5		<0.13	<0.5		<0.5	<0.5	<0.5
Dichloromethane	524.2	5	0.5	4	ug/L	<0.5		<0.14	<0.5		<0.5	<0.5	<0.5
1,2-Dichloropropane	524.2	5	0.5	0.5	ug/L	<0.5		<0.15	<0.5		<0.5	<0.5	<0.5
1,3-Dichloropropene	524.2	0.5	0.5	0.2	ug/L	<0.5		<0.16	<0.5		<0.5	<0.5	<0.5
Ethylbenzene	524.2	300	0.5	300	ug/L	<0.5		<0.17	<0.5		<0.5	<0.5	<0.5
Monochlorobenzene	524.2	70	0.5	200	ug/L	<0.5		<0.18	<0.5		<0.5	<0.5	<0.5
Styrene	524.2	100	0.5	100	ug/L	<0.5		<0.19	<0.5		<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	524.2	1	0.5	0.1	ug/L	<0.5		<0.20	<0.5		<0.5	<0.5	<0.5
Tetrachloroethylene	524.2	5	0.5	0.06	ug/L	<0.5		<0.21	<0.5		<0.5	<0.5	<0.5
Toluene	524.2	150	0.5	150	ug/L	<0.5		<0.22	<0.5		<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	524.2	5	0.5	5	ug/L	<0.5		<0.23	<0.5		<0.5	<0.5	<0.5
1,1,1-Trichloroethane	524.2	200	0.5	1000	ug/L	<0.5		<0.24	<0.5		<0.5	<0.5	<0.5
1,1,2-Trichloroethane	524.2	5	0.5	0.3	ug/L	<0.5		<0.25	<0.5		<0.5	<0.5	<0.5
Trichloroethylene	524.2	5	0.5	0.8	ug/L	<0.5		<0.26	<0.5		<0.5	<0.5	<0.5
Trichlorofluoromethane	524.2	150	5.0	700.0	ug/L	<5.0		<0.27	<5.0		<5.0	<5.0	<5.0
Trichlorotrifluoroethane	524.2	1200	10.0	4000.0	ug/L	<10		<0.28	<10.0		<10.0	<10.0	<10.0
Vinyl Chloride	524.2	0.5	0.5		ug/L	<0.5		<0.29	<0.5		<0.5	<0.5	<0.5
Xylenes (total)	524.2	1750	0.5	1800	ug/L	<0.5		<0.30	<0.5		<0.5	<0.5	<0.5

SOURCE: Treated Water

CONSTITUENT	METHOD	MCL	DLR	PHG/(MCLG) UNITS		#####	7/12/2006	8/7/2006	8/22/2007	3/24/2008	MIN	MAX	AVG
Table 6444 -B (SOC)													
Alachlor	508 Alanex or Lasso	2	1.0	4.0	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Atrazine	525.2 AAtrex	1	1.0	0.2	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Bentazon	515.1 Basagran	18	2.0	200.0	ug/L	NA	NA				< 2.0	< 2.0	< 2.0
Benzo (a) pyrene	525.2	0.2	0.1	0.004	ug/L	NA	NA				< 0.10	< 0.10	< 0.10
Carbofuran	531.1 Furadan	18	5.0	1.7	ug/L	NA	NA				< 5.00	< 5.00	< 5.00
Chlordane	508	0.1	0.1	0.03	ug/L	NA	NA				< 0.10	< 0.10	< 0.10
2,4-D	515.1	70	10.0	70.0	ug/L	NA	NA				< 10.0	< 10.0	< 10.0
Dalapon	515.1 Dowpon	200	10.0	790.0	ug/L	NA	NA				< 10.0	< 10.0	< 10.0
1,2-Dibromo-3-chloropropane	504 DBCP	0.2	0.01		ug/L	NA	NA				< 0.010	< 0.010	< 0.010
Di(2-ethylhexyl)adipate		400	5.0	200.0	ug/L	NA	NA				< 5.0	< 5.0	< 5.0
Diethylhexylphthalate	525.2 DEHP	4	3.0	12.0	ug/L	NA	NA				< 3.0	< 3.0	< 3.0
Dinoseb	515.1 DNBP	7	2.0	14.0	ug/L	NA	NA				< 2.0	< 2.0	< 2.0
Diquat		20	4.0	15.0	ug/L	NA	NA				NA	NA	NA
Endothall		100	45.0	580.0	ug/L	NA	NA				NA	NA	NA
Endrin	508	2	0.1	1.8	ug/L	NA	NA				< 0.10	< 0.10	< 0.10
Ethylene Dibromide	504 EDB	0.05	0.02	0.01	ug/L	NA	NA				< 0.020	< 0.020	< 0.020
Glyphosate		700	25.0	1000.0	ug/L	NA	NA				NA	NA	NA
Heptachlor	508	0.01	0.01	0.008	ug/L	NA	NA				< 0.01	< 0.01	< 0.01
Heptachlor Epoxide	508	0.01	0.01	0.006	ug/L	NA	NA				< 0.01	< 0.01	< 0.01
Hexachlorobenzene	508	1	0.05	0.03	ug/L	NA	NA				< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene	508	50	1.0	50.0	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Lindane	508 gamma-BHC	0.2	0.2	0.032	ug/L	NA	NA				< 0.20	< 0.20	< 0.20
Methoxychlor	508	30	10.0	30.0	ug/L	NA	NA				< 10.0	< 10.0	< 10.0
Molinate	525.2 Ordram	20	2.0	none	ug/L	NA	NA				< 2.0	< 2.0	< 2.0
Oxamyl	531.1 Vydate		20.0	50.0	ug/L	NA	NA				< 20.0	< 20.0	< 20.0
Pentachlorophenol	515.1 PCP	1	0.2	0.4	ug/L	NA	NA				< 0.20	< 0.20	< 0.20
Picloram	515.1 Tordon	500	1.0	500.0	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Polychlorinated Biphenyls	508 PCBs	0.5	0.5	0	ug/L	NA	NA				< 0.5	< 0.5	< 0.5
Simazine	525.2 Princep	4	1.0	4.0	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Thiobencarb	525.2 Bolero	70	1.0	70.0	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Toxaphene	508	3	1.0	0.0	ug/L	NA	NA				< 1.0	< 1.0	< 1.0
2,3,7,8-TCDD	Dioxin	3E-05	5E-06		ug/L	NA	NA				NA	NA	NA
2,4,5-TP	515.1 Silvex	50	1.0		ug/L	NA	NA				< 1.0	< 1.0	< 1.0
Table 64450-A (Unregulated VOC)													
Bromobenzene	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
Bromodichloromethane	524.2		0.5		ug/L	NA	4.2	5.5			4.2	5.5	4.9
Bromoform	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
Bromomethane	524.2 Methyl Bromide		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
Chlorodibromomethane	524.2		0.5		ug/L	NA	<0.5	0.8			0.8	0.8	0.8
Chloroethane	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
Chloroform	524.2		0.5		ug/L	NA	20	20			20.0	20.0	20.0
Chloromethane	524.2 Methyl Chloride		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
2-Chlorotoluene	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
4-Chlorotoluene	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
Dibromomethane	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	524.2		1.0		ug/L	<0.5	<0.5	<1.0			< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
1,1-Dichloropropene	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
1,1,1,2-Tetrachloroethane	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5
1,2,3-Trichloropropane	524.2		0.5		ug/L	<0.5	<0.5	<0.5			< 0.5	< 0.5	< 0.5

SOURCE: Treated Water

CONSTITUENT	METHOD	MCL	DLR	PHG/(MCLG) UNITS						MIN	MAX	AVG
					#####	7/12/2006	8/7/2006	8/22/2007	3/24/2008			
Table 64450-B (Unreg. Organics)												
Bromochloromethane	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
Bromacil	525.2		0.5	ug/L	NA		<0.5	<0.5		< 10.0	< 10.0	< 10.0
n-Butylbenzene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
sec-Butylbenzene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
tert-Butylbenzene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
Chlorothalonil	508 Daconil, Bravo		0.5	ug/L	NA		<0.5	<0.5		< 5.0	< 5.0	< 5.0
Diazinon	525.2		0.5	ug/L	NA		<0.5	<0.5		< 0.25	< 0.25	< 0.25
Dimethoate	525.2		0.5	ug/L	NA		<0.5	<0.5		< 10.0	< 10.0	< 10.0
Diuron			1.0	ug/L	NA		<0.5	<1.0		NA	NA	NA
Ethyl tert butyl ether	524.2 ETBE		3.0	ug/L	<3.0		<0.5	<3.0		< 3.0	< 3.0	< 3.0
Hexachlorobutadiene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
Isopropylbenzene	524.2 Cumene		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
Methyl tert-butyl ether	524.2 MTBE		3.0	ug/L	<3.0		<0.5	<3.0		< 3.0	< 3.0	< 3.0
Naphthalene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
1-Phenylpropane	524.2 n-Propylbenzene		0.5	ug/L	NA		<0.5	<0.5		< 0.5	< 0.5	< 0.5
Prometryn	525.2		2.0	ug/L	NA		<0.5	<2.0		< 2.0	< 2.0	< 2.0
Tert amyl methyl ether	524.2 TAME		3.0	ug/L	<3.0		<0.5	<3.0		< 3.0	< 3.0	< 3.0
1,2,3-Trichlorobenzene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
1,3,5-Trimethylbenzene	524.2		0.5	ug/L	<0.5		<0.5	<0.5		< 0.5	< 0.5	< 0.5
Table 64450-C (Unreg. Organics)												
Aldicarb	531.1 Temik		3.0	ug/L	NA	NA		NA		< 3.0	< 3.0	< 3.0
Aldicarb sulfoxide	531.1		3.0	ug/L	NA	NA		NA		< 3.0	< 3.0	< 3.0
Aldicarb sulfone	531.1		4.0	ug/L	NA	NA		NA		< 4.0	< 4.0	< 4.0
Aldrin	508		0.075	ug/L	NA	NA		NA		< 0.075	< 0.075	< 0.075
Butachlor	525.2		0.38	ug/L	NA	NA		NA		< 0.38	< 0.38	< 0.38
Carbaryl	531.1		5.0	ug/L	NA	NA		NA		< 5.00	< 5.00	< 5.00
Dicamba	515.1 Banvel		0.081	ug/L	NA	NA		NA		< 0.081	< 0.081	< 0.081
Dieldrin	508		0.02	ug/L	NA	NA		NA		< 0.02	< 0.02	< 0.02
3 - Hydroxycarbofuran	531.1		3.0	ug/L	NA	NA		NA		< 3.0	< 3.0	< 3.0
Methomyl	531.1		2.0	ug/L	NA	NA		NA		< 2.0	< 2.0	< 2.0
Metolachlor	525.2			ug/L	NA	NA		NA		< 0.50	< 0.50	< 0.50
Metribuzin	525.2			ug/L	NA	NA		NA		< 0.50	< 0.50	< 0.50
Propachlor	508 Caparol		2.0	ug/L	NA	NA		NA		< 0.50	< 0.50	< 0.50
Table 64450-D												
Boron	200.7 & 200.8		100	ug/L	<100			<100	0.07			
Chromium VI	218.6 Hexavalent Chromium		1	ug/L	0.2				0.21			
Dichlorodifluoromethane	524.2 Freon 12		0.5	ug/L	NA		<0.5	<0.5				
Ethyl-tert-methyl ether	524.2 ETBE		0.5	ug/L	NA		<0.5					
Perchlorate			4	ug/L	NA		NA			NA	NA	NA
tert-Amyl-methyl ether	524.2 TAME		3	ug/L	NA		<3.0	<3				
tert-Butyl alcohol	524.2 TBA		2	ug/L	NA		<2.0					
1,2,3-trichloropropane	504.1 TCP		0.005	ug/L	NA		<.005	<.005				
Vanadium	200.8 & 200.9		3	ug/L	NA		NA					
Section 64441 - Radioactivity (Raw Surface Water only)												
Gross Alpha		15	1.0	pCi/L	NA	<3.0				< 1.0	0.00	< 2.25
Gross Beta		50	4.0	pCi/L	NA	<3.0				< 0.75	0.00	< 2.20
Radium 226			0.5	pCi/L	NA	NA				NA	NA	NA
Radium 228			0.5	pCi/L	NA	<1.0				NA	NA	NA
Uranium		20	2.0	pCi/L	NA	NA				NA	NA	NA
Strontium 90		8	2.0	pCi/L	NA	NA				NA	NA	NA
Tritium		20000	1000.0	pCi/L	NA	NA				NA	NA	NA

City of West Sacramento - Bryte Bend Water Treatment Plant

SOURCE: Raw Water

CONSTITUENT	METHOD	MCL	DLR	UNITS						MIN	MAX	AVG	
		Federal			1/14/2005	#####	7/12/2006	8/7/2006	8/22/2007	3/17/2008			
64432 - Primary (IOC)													
Aluminum (Al)		200	50	ug/L	NA	570	270		150	450	150	570	360
Antimony (Sb)		6	6	ug/L	NA	<6	<6		<6	<6	<6	<6	NA
Arsenic		10	1	ug/L	NA	<2	1.9		1.5	2.1	1.5	2	2
Barium (Ba)		2000	2	ug/L	NA	27.4	23		26	33	23	33	27.6
Beryllium (Be)		4	1	ug/L	NA	<1	<1			<1	<1	<1	NA
Cadmium (Cd)		5	0.5	ug/L	NA	<1	<1		<1	<1	<1	<1	NA
Chromium (Total Cr)		50	1	ug/L	NA	<5			<10	2.4	<5	2.4	NA
Chromium (Total Cr - Cr VI screen)				ug/L	NA	2					2	2	2
Chromium , hexavalent (Cr VI)		0.1	0.005	ug/L	NA			<0.005	0.19		<1	<1	NA
Copper		1300	2	ug/L					6.4	2.8	2.8	6.4	4.6
Cyanide		150	25	ug/L	NA	0.005	<100		<100	<25	<25	<100	NA
Mercury (Hg)		2	0.2	ug/L	NA	0.02	<1		<1	<0.2	<0.2	<1	NA
Nickel (Ni)		100	5	ug/L	NA	3	<10		<10	<5	<5	3	NA
Selenium (Se)		50	5	ug/L	NA	<5	<5		<5	<5	<5	<5	NA
Thallium (Tl)		2	1	ug/L	NA	<1	<1		<1	<1	<1	<1	NA
Lead (Pb)		15	0.5	ug/L	NA	0.02	<5		<5	<0.5	<0.5	0.02	NA
64432 - Fluoride													
Fluoride		1.4 - 2.4	0.05	mg/L	NA	<0.1	<0.1		0.1	0.05	<0.1	0.1	NA
64432.2 - Asbestos													
Asbestos		7		MFL	NA	<7	12/6/05 <10		NA	NA	NA	NA	NA
64432.1 - Nitrate/ Nitrite													
Nitrate (as NO3)		10	100	mg/L	NA	<2	<2		<2	0.87	<0.1	0.87	NA
Nitrite (NO2)(as N)		1	100	ug/L	NA	NA	<400		<400	<0.1	NA	<400	NA
Total Nitrate/Nitrite		10	100	ug/L	NA	NA	<400		<400	0.2	<400	<400	NA
64449-A - Secondary Standards													
Aluminum (Al)		200	20	ug/L	NA	570	270		150	450	150	570	360
Iron (Fe)		300	20	ug/L	NA	380	95		490	680	95	680	411
Manganese (Mn)		50	2	ug/L	NA	30	25		23	25	30	30	30
Methyl tert-butyl ether	MTBE	5	0.5	ug/L	NA	<3	<3		<3	<0.5	<0.5	<3	NA
Odor		3	1	TON	NA	NA		2	8	3	2	8	5
64449-B - Secondary Standards													
TDS		500	10	mg/L	NA	100	76		114	126	76	126	104
Specific Conductance		900 - 1600 (2200)	2	umho/cm	NA	152	138		177	195	138	195	166
Chloride (Cl)		250	1	mg/L	NA	3	2.8		5.7	6.7	3	7	5
Sulfate (as SO4)		250	0.5	mg/L	NA	5	6		6	10	5	10	7
pH		6.5 - 8.5	0.01	Units	NA		7.8			7.9	7.8	7.9	7.8
64449 (h) - General Mineral													
Bicarbonate			2	mg/L	NA	80	68		91	89	68	91	82
Carbonate			1	mg/L	NA	<1	<1		<1	<1	<1	<1	NA
Hydroxide Alkalinity			2	mg/L	NA	<1			<1	<2	<1	<1	NA
Total Alkalinity			2	mg/L	NA	70	56		75	73	56	75	69
Calcium (Ca)			1	mg/L	NA	12	68		12.5	16	12	68	27
Magnesium (Mg)			0.1	mg/L	NA	6	6.8		7.5	8.5	6	8.5	7.2
Sodium (Na)			1	mg/L	NA	8	7.8		10	9	7.8	10	8.7
Potassium (K)			1	mg/L	NA	1	1.3		<1	1.3	<1	1.3	NA
Hardness (as CaCO3)			3	mg/L	NA	54.6	58		62.2	75	55	75	62
Aggressiveness Index			1.0		NA	10.4	11		12	12	10.4	12	11.4
Langlier Index			1.0			-1.4	-0.7		-0.2	-0.4	-1.4	-0.2	

SOURCE: Raw Water

CONSTITUENT	METHOD	MCL	DLR	UNITS						MIN	MAX	AVG	
		Federal			1/14/2005	#####	7/12/2006	8/7/2006	8/22/2007				3/17/2008
Table 6444 -A (VOC)													
Benzene	524.2	1	0.5	ug/L	NA	<0.5	<0.5		<0.5	<0.5	<0.5	NA	
Carbon Tetrachloride	524.2	0.5	0.5	ug/L	NA	<0.5	<0.5		<0.5	<0.5	<0.5	NA	
1,2-Dichlorobenzene	524.2	o-Dichlorobenzene	600	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,4-Dichlorobenzene	524.2	p-DCB	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,1-Dichloroethane	524.2	1,1-DCA	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,2-Dichloroethane	524.2	1,2-DCA	0.5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,1-Dichloroethylene	524.2	1,1-DCE	6	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Cis-1,2-Dichloroethylene	524.2		6	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Trans-1,2-Dichloroethylene	524.2		10	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Dichloromethane	524.2	Methylene Chloride	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,2-Dichloropropane	524.2		5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,3-Dichloropropene	524.2		0.5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Ethylbenzene	524.2		300	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Monochlorobenzene	524.2	Chlorobenzene	70	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Styrene	524.2		100	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,1,2,2-Tetrachloroethane	524.2		1	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Tetrachloroethylene	524.2	PCE	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Toluene	524.2		150	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,2,4-Trichlorobenzene	524.2	Unsym-trichlorobenzene	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,1,1-Trichloroethane	524.2	1,1,1-TCA	200	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
1,1,2-Trichloroethane	524.2	1,1,2-TCA	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Trichloroethylene	524.2	TCE	5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Trichlorofluoromethane	524.2	Freon 11	150	0.5	ug/L	NA	<5	<5	<5	<0.5	<5	NA	
Trichlorotrifluoroethane	524.2	Freon 113	1200	0.5	ug/L	NA	<5	<5	<10	<0.5	<10	NA	
Vinyl Chloride	524.2	VC	0.5	0.5	ug/L	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	
Xylenes (total)	524.2		1750	1	ug/L	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	NA
Table 6444 -B (SOC)													
Alachlor	508	Alanex or Lasso	2	0.1	ug/L	<1	<1		<0.1	<1	<1	NA	
Atrazine	525.2	AAtrex	1	0.1	ug/L	<1	<1		<0.05	<1	<1	NA	
Bentazon	515.1	Basagran	18	2.0	ug/L	<2	<2		<2	<2	<2	NA	
Benzo (a) pyrene	525.2		0.2	0.02	ug/L	<0.1	<0.1		<0.02	<0.02	<0.1	NA	
Carbofuran	531.1	Furadan	18	0.5	ug/L	<5	<5		<0.5	<0.5	<5	NA	
Chlordane	508		0.1	0.1	ug/L	<0.1	<0.1		<0.1	<0.1	<0.1	NA	
2,4-D	515.1		70	0.1	ug/L	NA	<10		<0.1	<0.1	<10	NA	
Dalapon	515.1	Dowpon	200	1	ug/L	<10	<10		<1	<1	<10	NA	
1,2-Dibromo-3-chloropropane	504	DBCP	0.2	0.01	ug/L	<0.01	NA		<0.01	<0.01	<0.01	NA	
Di(2-ethylhexyl)adipate			400	0.6	ug/L	NA	NA		<0.6	<0.6	<0.6	NA	
Diethylhexylphthalate	525.2	DEHP	4	0.6	ug/L	NA	NA		<0.6	<0.6	<0.6	NA	
Dinoseb	515.1	DNBP	7	0.2	ug/L	<2	<2		<0.2	<0.2	<2	NA	
Diquat			20	0.4	ug/L	<2	<2		<0.4	<0.4	<2	NA	
Endothall			100	5	ug/L	<40	<40		<5	<5	<40	NA	
Endrin	505		2	0.2	ug/L	<0.1	<0.1		<0.2	<0.1	<0.2	NA	
Ethylene Dibromide	504	EDB	0.05	0.01	ug/L	<0.02	<0.02		<0.01	<0.01	<0.02	NA	
Glyphosate			700	6	ug/L	<20	<20		<6	<6	<20	NA	
Heptachlor	508		0.01	0.03	ug/L	<0.01	<0.01		<0.03	<0.01	<0.03	NA	
Heptachlor Epoxide	508		0.01	0.05	ug/L	<0.01	<0.01		<0.05	<0.01	<0.05	NA	
Hexachlorobenzene	508		1	0.05	ug/L	<0.5	<0.5		<0.05	<0.05	<0.5	NA	
Hexachlorocyclopentadiene	508		50	0.05	ug/L	<1	<1		<0.05	<0.05	<1	NA	
Lindane	508	gamma-BHC	0.2	0.04	ug/L	<0.2	<0.2		<0.04	<0.04	<0.2	NA	
Methoxychlor	508		30	0.1	ug/L	<10	<10		<0.1	<0.1	<10	NA	
Molinate	525.2	Ordram	20	0.1	ug/L	<2	<2		<0.1	<0.1	<2	NA	
Oxamyl	531.1	Vydate	50	0.5	ug/L	<20	<20		<0.5	<0.5	<20	NA	
Pentachlorophenol	515.1	PCP	1	0.04	ug/L	<0.2	<0.2		<0.04	<0.04	<0.2	NA	
Picloram	515.1	Tordon	500	0.1	ug/L	NA	<1		<0.1	<0.1	<1	NA	
Polychlorinated Biphenyls	508	PCBs	0.5	0.08	ug/L	<0.5	<0.5		<0.08	<0.08	<0.5	NA	

SOURCE: Raw Water

CONSTITUENT	METHOD		MCL	DLR	UNITS						MIN	MAX	AVG	
			Federal			1/14/2005	#####	7/12/2006	8/7/2006	8/22/2007				3/17/2008
Simazine	525.2	Princep	4	0.1	ug/L	<1	<1				<0.05	<0.05	<1	NA
Thiobencarb	525.2	Bolero	70	0.2	ug/L	<1	<1			0.19	<0.2	0.19	<1	NA
Toxaphene	508		3	0.5	ug/L	<0.5	<0.5				<0.5	<0.5	<0.5	NA
2,3,7,8-TCDD		Dioxin	3E-05	5	pg/l	NA	<5				<5	<5	<5	NA
2,4,5-TP	515.1	Silvex	50	0.2	ug/L	<1	<1				<0.2	<0.2	<1	NA
Table 64450-A (Unregulated VOC)														
Bromobenzene	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Bromodichloromethane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Bromoform	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Bromomethane	524.2	Methyl Bromide		0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Chlorodibromomethane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Chloroethane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Chloroform	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Chloromethane	524.2	Methyl Chloride		0.5	ug/L	NA	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	NA
2-Chlorotoluene	524.2			0.5	ug/L	NA	<0.5	NA			<0.5	<0.5	<0.5	NA
4-Chlorotoluene	524.2			0.5	ug/L	NA	<0.5	NA			<0.5	<0.5	<0.5	NA
Dibromomethane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
1,3-Dichlorobenzene	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
Dichlorodifluoromethane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
1,3-Dichloropropane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
2,2-Dichloropropane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
1,1-Dichloropropene	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
1,1,1,2-Tetrachloroethane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA
1,2,3-Trichloropropane	524.2			0.5	ug/L	NA	<0.5	<0.5			<0.5	<0.5	<0.5	NA

SOURCE: Raw Water

CONSTITUENT	METHOD	MCL		DLR	UNITS						MIN	MAX	AVG	
		Federal				1/14/2005	#####	7/12/2006	8/7/2006	8/22/2007				3/17/2008
Table 64450-B (Unreg. Organics)														
Bromochloromethane	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
Bromacil	525.2		0.2	ug/L	<10	<10	NA				<0.2	<0.2	<10	NA
n-Butylbenzene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
sec-Butylbenzene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
tert-Butylbenzene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
Chlorothalonil	508	Daconil, Bravo	0.5	ug/L	NA	NA	NA				<5	<5	<5	NA
Diazinon	525.2		0.1	ug/L	NA	NA	NA				<0.1	<0.1	<0.25	NA
Dimethoate	525.2		0.1	ug/L	NA	NA	NA				<0.1	<0.1	<10	NA
Diuron			1	ug/L	NA	NA	NA				NA	NA	NA	NA
Ethyl tert butyl ether	524.2	ETBE	3	ug/L	NA	<3	<3				<3	<3	<3	NA
Hexachlorobutadiene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
Isopropylbenzene	524.2	Cumene	0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
p-Isopropyltoluene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
Methyl tert-butyl ether	524.2	MTBE	0.5	ug/L	NA	<5	<0.5				<0.5	<0.5	<5	NA
Naphthalene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
1-Phenylpropane	524.2	n-Propylbenzene	0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
Prometryn	525.2		2	ug/L	NA	<2	NA				<2	<2	<2	<2
Tert amyl methyl ether	524.2	TAME	3	ug/L	NA	<3	<3				<3	<3	<3	NA
1,2,3-Trichlorobenzene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
1,2,4-Trimethylbenzene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
1,3,5-Trimethylbenzene	524.2		0.5	ug/L	NA	<0.5	<0.5				<0.5	<0.5	<0.5	NA
Table 64450-C (Unreg. Organics)														
Aldicarb	531.1	Temik	0.5	ug/L	<3	<3					<0.5	<0.5	<3	NA
Aldicarb sulfoxide	531.1		0.5	ug/L	<3	<3					<0.5	<0.5	<3	NA
Aldicarb sulfone	531.1		0.5	ug/L	<4	<4					<0.5	<0.5	<4	NA
Aldrin	508		0.01	ug/L	<0.01	<0.01					<0.01	<0.01	<0.075	NA
Butachlor	525.2		0.05	ug/L	<0.38	<0.01					<0.05	<0.01	<0.38	NA
Carbaryl	531.1		0.5	ug/L	<5.00	<5					<0.5	<0.5	<5	NA
Dicamba	515.1	Banvel	0.08	ug/L	<1.5	<1					<0.08	<0.08	<1.5	NA
Dieldrin	508		0.2	ug/L	<0.02	<0.02					<0.2	<0.02	<0.2	NA
3 - Hydroxycarbofuran	531.1		0.5	ug/L	<5	<5					<0.5	<0.5	<5	NA
Methomyl	531.1		0.5	ug/L	<2	<2					<0.5	<0.5	<2	NA
Metolachlor	525.2		0.05	ug/L	NA	<1					<0.05	<0.05	<0.5	NA
Metribuzin	525.2		0.05	ug/L	NA	<0.5					<0.05	<0.5	<0.5	NA
Propachlor	508	Caparol	0.05	ug/L	<0.5	<1					<0.05	<0.5	<0.5	NA
Table 64450														
Boron	200.7 & 200.8		50	ug/L	NA	<100		<100	70	69	69	70	69.5	
Chromium VI	218.6	Hexavalent Chromium	1	ug/L	NA	NA			0.19	NA	<1	<1	NA	
Dichlorodifluoromethane	524.2	Freon 12	0.5	ug/L	NA	<0.5					<0.5	<0.5	<0.5	NA
Ethyl-tert-methyl ether	524.2	ETBE	0.5	ug/L	NA	<3					<0.5	<0.5	<0.5	<0.5
Perchlorate			4	ug/L	NA	NA	NA				<4	<4	<4	NA
tert-Amyl-methyl ether	524.2	TAME	3	ug/L	NA	<3	<3		<3	<3	<3	<3	<3	NA
tert-Butyl alcohol	524.2	TBA	2	ug/L	NA	NA	<2				<2	<2	<2	NA
1,2,3-trichloropropane	504.1	TCP	0.5	ug/L	NA	NA	NA		<0.5	<0.5	<0.5	<0.5	<0.5	NA
Vanadium	200.8 & 200.9		0.005	ug/L	NA	NA	NA		5	<0.005	<0.005	5	NA	
Section 64441 - Radioactivity														
Gross Alpha			15		3	pCi/L	NA	NA		<3	<3	<1	<1.03	NA
Gross Beta			50		4	pCi/L	NA	NA				0	0	0
Radium 226			0.89		pCi/L	NA	NA			<0.89	NA	NA	NA	NA
Radium 228			5		pCi/L	NA	NA		<1	<1	NA	NA	NA	NA
Uranium			20		2	pCi/L	NA	NA		<2	NA	NA	NA	NA
Strontium 90			8		2	pCi/L	NA	NA			NA	NA	NA	NA
Tritium			20000		1000	pCi/L	NA	NA			NA	NA	NA	NA