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THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
Municipal Utility District 2

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2007	Bicarbonate	321	316	325	NA	ppm	Corrosion of carbonate rocks such as limestone.
2004	Calcium	14.1	6.7	41.5	NA	ppm	Abundant naturally occurring element.
2007	Chloride	47	42	52	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2004	Copper	0.004	0.003	0.005	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2004	Iron	0.064	0.04	0.133	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2004	Magnesium	3.1	1.1	11	NA	ppm	Abundant naturally occurring element.
2004	Manganese	0.0076	0.0037	0.0169	.05	ppm	Abundant naturally occurring element.
2007	pH	7.8	7.7	7.8	>7.0	units	Measure of corrosivity of water.
2004	Sodium	134	73	161	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2007	Sulfate	20	18	22	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2007	Total Alkalinity as CaCO ₃	263	259	266	NA	ppm	Naturally occurring soluble mineral salts.
2007	Total Dissolved Solids	390	382	398	1000	ppm	Total dissolved mineral constituents in water.
2004	Total Hardness as CaCO ₃	48	21	148	NA	ppm	Naturally occurring calcium.
2004	Zinc	0.002	0	0.009	5	ppm	Moderately abundant naturally occurring element used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
MUNICIPAL UTILITY DISTRICT 2

Lead and Copper

Year	Contaminant	The 90th Percentile	Number of Sites Exceeding Action Level	Action Level	Unit of Measure	Source of Contaminant
1999	Lead	3.9	0	15	ppb	Corrosion of household plumbing systems; erosion of natural deposits.
1999	Copper	0.184	0	1.3	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

Turbidity NOT REQUIRED

Total Coliform REPORTED MONTHLY TESTS FOUND NO COLIFORM BACTERIA.

Fecal Coliform REPORTED MONTHLY TESTS FOUND NO FECAL COLIFORM BACTERIA.

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2004	Bicarbonate	330	316	345	NA	ppm	Corrosion of carbonate rocks such as limestone.
2004	Calcium	14.1	6.7	41.5	NA	ppm	Abundant naturally occurring element.
2004	Chloride	47	23	60	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2004	Copper	0.004	0.003	0.005	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2004	Iron	0.064	0.04	0.133	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2004	Magnesium	3.1	1.1	11	NA	ppm	Abundant naturally occurring element.
2004	Manganese	0.0076	0.0037	0.0169	.05	ppm	Abundant naturally occurring element.
2004	pH	7.6	7.3	7.9	7	units	Measure of corrosivity of water.
2004	Sodium	134	73	161	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2004	Sulfate	19	12	22	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2004	Total Alkalinity as CaCO ₃	271	259	283	NA	ppm	Naturally occurring soluble mineral salts.
2004	Total Dissolved Solids	396	345	442	1000	ppm	Total dissolved mineral constituents in water.
2004	Total Hardness as CaCO ₃	48	21	148	NA	ppm	Naturally occurring calcium.
2004	Zinc	0.002	0	0.009	5	ppm	Moderately abundant naturally occurring element; used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
MUNICIPAL UTILITY DISTRICT 6

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2005	Bicarbonate	343	343	343	NA	ppm	Corrosion of carbonate rocks such as limestone.
2005	Calcium	6.9	6.9	6.9	NA	ppm	Abundant naturally occurring element.
2005	Chloride	50	50	50	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2005	Copper	0.006	0.006	0.006	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2005	Iron	0.026	0.026	0.026	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2005	Magnesium	1.5	1.5	1.5	NA	ppm	Abundant naturally occurring element.
2005	Manganese	0.0053	0.0053	0.0053	.05	ppm	Abundant naturally occurring element.
2005	pH	8.2	8.2	8.2	>7.0	units	Measure of corrosivity of water.
2005	Sodium	130	130	130	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2005	Sulfate	11	11	11	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2005	Total Alkalinity as CaCO ₃	281	281	281	NA	ppm	Naturally occurring soluble mineral salts.
2005	Total Dissolved Solids	404	404	404	1000	ppm	Total dissolved mineral constituents in water.
2005	Total Hardness as CaCO ₃	23	23	23	NA	ppm	Naturally occurring calcium.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
Municipal Utility District 36

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2007	Bicarbonate	321	316	325	NA	ppm	Corrosion of carbonate rocks such as limestone.
2004	Calcium	14.1	6.7	41.5	NA	ppm	Abundant naturally occurring element.
2007	Chloride	47	42	52	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2004	Copper	0.004	0.003	0.005	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2004	Iron	0.064	0.04	0.133	3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2004	Magnesium	3.1	1.1	11	NA	ppm	Abundant naturally occurring element.
2004	Manganese	0.0076	0.0037	0.0169	.05	ppm	Abundant naturally occurring element.
2007	pH	7.8	7.7	7.8	>7.0	units	Measure of corrosivity of water.
2004	Sodium	134	73	161	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2007	Sulfate	20	18	22	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2007	Total Alkalinity as CaCO ₃	263	259	266	NA	ppm	Naturally occurring soluble mineral salts.
2007	Total Dissolved Solids	390	382	398	1000	ppm	Total dissolved mineral constituents in water.
2004	Total Hardness as CaCO ₃	48	21	148	NA	ppm	Naturally occurring calcium.
2004	Zinc	0.002	0	0.009	5	ppm	Moderately abundant naturally occurring element used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1

MUNICIPAL UTILITY DISTRICT 36

Lead and Copper

Year	Contaminant	The 90th Percentile	Number of Sites Exceeding Action Level	Action Level	Unit of Measure	Source of Contaminant
2004	Lead	2.7	0	15	ppb	Corrosion of household plumbing systems; erosion of natural deposits.
2004	Copper	0.124	0	1.3	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

Turbidity NOT REQUIRED

Total Coliform REPORTED MONTHLY TESTS FOUND NO COLIFORM BACTERIA.

Fecal Coliform REPORTED MONTHLY TESTS FOUND NO FECAL COLIFORM BACTERIA.

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2004	Bicarbonate	330	316	345	NA	ppm	Corrosion of carbonate rocks such as limestone.
2004	Calcium	14.1	6.7	41.5	NA	ppm	Abundant naturally occurring element.
2004	Chloride	47	23	60	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2004	Copper	0.004	0.003	0.005	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2004	Iron	0.064	0.04	0.133	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2004	Magnesium	3.1	1.1	11	NA	ppm	Abundant naturally occurring element.
2004	Manganese	0.0076	0.0037	0.0169	.05	ppm	Abundant naturally occurring element.
2004	pH	7.6	7.3	7.9	7	units	Measure of corrosivity of water.
2004	Sodium	134	73	161	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2004	Sulfate	19	12	22	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2004	Total Alkalinity as CaCO ₃	271	259	283	NA	ppm	Naturally occurring soluble mineral salts.
2004	Total Dissolved Solids	396	345	442	1000	ppm	Total dissolved mineral constituents in water.
2004	Total Hardness as CaCO ₃	48	21	148	NA	ppm	Naturally occurring calcium.
2004	Zinc	0.002	0	0.009	5	ppm	Moderately abundant naturally occurring element; used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
METRO MUNICIPAL UTILITY DISTRICT

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2007	Bicarbonate	321	316	325	NA	ppm	Corrosion of carbonate rocks such as limestone.
2004	Calcium	14.1	6.7	41.5	NA	ppm	Abundant naturally occurring element.
2007	Chloride	47	42	52	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2004	Copper	0.004	0.003	0.005	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2004	Iron	0.064	0.04	0.133	3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2004	Magnesium	3.1	1.1	11	NA	ppm	Abundant naturally occurring element.
2004	Manganese	0.0076	0.0037	0.0169	.05	ppm	Abundant naturally occurring element.
2007	pH	7.8	7.7	7.8	>7.0	units	Measure of corrosivity of water.
2004	Sodium	134	73	161	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2007	Sulfate	20	18	22	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2007	Total Alkalinity as CaCO ₃	263	259	266	NA	ppm	Naturally occurring soluble mineral salts.
2007	Total Dissolved Solids	390	382	398	1000	ppm	Total dissolved mineral constituents in water.
2004	Total Hardness as CaCO ₃	48	21	148	NA	ppm	Naturally occurring calcium.
2004	Zinc	0.002	0	0.009	5	ppm	Moderately abundant naturally occurring element used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1

METRO MUNICIPAL UTILITY DISTRICT

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2004	Bicarbonate	330	316	345	NA	ppm	Corrosion of carbonate rocks such as limestone.
2004	Calcium	14.1	6.7	41.5	NA	ppm	Abundant naturally occurring element.
2004	Chloride	47	23	60	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2004	Copper	0.004	0.003	0.005	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2004	Iron	0.064	0.04	0.133	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2004	Magnesium	3.1	1.1	11	NA	ppm	Abundant naturally occurring element.
2004	Manganese	0.0076	0.0037	0.0169	.05	ppm	Abundant naturally occurring element.
2004	pH	7.6	7.3	7.9	7	units	Measure of corrosivity of water.
2004	Sodium	134	73	161	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2004	Sulfate	19	12	22	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2004	Total Alkalinity as CaCO ₃	271	259	283	NA	ppm	Naturally occurring soluble mineral salts.
2004	Total Dissolved Solids	396	345	442	1000	ppm	Total dissolved mineral constituents in water.
2004	Total Hardness as CaCO ₃	48	21	148	NA	ppm	Naturally occurring calcium.
2004	Zinc	0.002	0	0.009	5	ppm	Moderately abundant naturally occurring element; used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
SHENANDOAH MUNICIPAL UTILITY DISTRICT

Secondary and Other Constituents Not Regulated (No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2008	Bicarbonate	268	200	323	NA	ppm	Corrosion of carbonate rocks such as limestone.
2005	Calcium	21.2	5.5	33.4	NA	ppm	Abundant naturally occurring element.
2008	Chloride	34	24	47	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity.
2005	Copper	0.009	0.005	0.013	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2005	Iron	0.059	0.023	0.123	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2005	Magnesium	4.2	0	6.5	NA	ppm	Abundant naturally occurring element.
2005	Manganese	0.0036	0	0.0087	.05	ppm	Abundant naturally occurring element.
2005	Nickel	0.001	0	0.001	NA	ppm	Erosion of natural deposits.
2008	pH	7.8	7.7	7.9	>7.0	units	Measure of corrosivity of water.
2005	Sodium	90	43	131	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2008	Sulfate	12	9	19	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2008	Total Alkalinity as CaCO ₃	220	164	265	NA	ppm	Naturally occurring soluble mineral salts.
2008	Total Dissolved Solids	306	234	356	1000	ppm	Total dissolved mineral constituents in water.
2005	Total Hardness as CaCO ₃	70	14	109	NA	ppm	Naturally occurring calcium.
2005	Zinc	0.073	0.007	0.109	5	ppm	Moderately abundant naturally occurring element; used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
SHENANDOAH MUNICIPAL UTILITY DISTRICT

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2005	Bicarbonate	277	214	339	NA	ppm	Corrosion of carbonate rocks such as limestone.
2005	Calcium	21.2	5.5	33.4	NA	ppm	Abundant naturally occurring element.
2005	Chloride	32	25	43	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2005	Copper	0.009	0.005	0.013	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2005	Iron	0.059	0.023	0.123	.3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2005	Magnesium	4.2	0	6.5	NA	ppm	Abundant naturally occurring element.
2005	Manganese	0.0036	0	0.0087	.05	ppm	Abundant naturally occurring element.
2005	Nickel	0.001	0	0.001	NA	ppm	Erosion of natural deposits.
2005	pH	8	7.8	8.1	>7.0	units	Measure of corrosivity of water.
2005	Sodium	90	43	131	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2005	Sulfate	13	9	17	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2005	Total Alkalinity as CaCO ₃	227	175	278	NA	ppm	Naturally occurring soluble mineral salts.
2005	Total Dissolved Solids	313	245	351	1000	ppm	Total dissolved mineral constituents in water.
2005	Total Hardness as CaCO ₃	70	14	109	NA	ppm	Naturally occurring calcium.
2005	Zinc	0.073	0.007	0.109	5	ppm	Moderately abundant naturally occurring element used in the metal industry.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO.1
SOUTHERN MONTGOMERY MUNICIPAL UTILITY DISTRICT

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2008	Bicarbonate	245	216	274	NA	ppm	Corrosion of carbonate rocks such as limestone.
2008	Chloride	45	38	52	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2008	pH	7.5	7.4	7.6	>7.0	units	Measures of corrosivity of water.
2008	Sulfate	10	7	13	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2008	Total Alkalinity as CaCO ₃	201	177	225	NA	ppm	Naturally occurring soluble mineral salts.
2008	Total Dissolved Solids	311	263	353	1000	ppm	Total dissolved mineral components in water.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
SOUTHERN MONTGOMERY MUNICIPAL UTILITY WATER DISTRICT

Secondary and Other Constituents Not Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2005	Bicarbonate	269	221	316	NA	ppm	Corrosion of carbonate rocks such as limestone.
2005	Chloride	36	34	37	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity
2005	pH	7.9	7.7	8	>7.0	units	Measure of corrosivity of water.
2005	Sulfate	8	7	9	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2005	Total Alkalinity as CaCO ₃	220	181	259	NA	ppm	Naturally occurring soluble mineral salts.
2005	Total Dissolved Solids	303	265	341	1000	ppm	Total dissolved mineral constituents in water.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
SOUTHERN MONTGOMERY MUNICIPAL UTILITY DISTRICT

Secondary and Other Constituents: Regulated
(No associated adverse health effects)

Year or Range	Constituent	Average Level	Minimum Level	Maximum Level	Secondary Limit	Unit of Measure	Source of Constituent
2005	Bicarbonate	269	221	316	NA	ppm	Corrosion of carbonate rocks such as limestone.
2002	Calcium	28.8	28.8	28.8	NA	ppm	Abundant naturally occurring element.
2005	Chloride	36	34	37	300	ppm	Abundant naturally occurring element; used in water purification; byproduct of oil field activity.
2002	Copper	0.008	0.008	0.008	1	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
2002	Iron	0.052	0.052	0.052	3	ppm	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
2002	Magnesium	3.9	3.9	3.9	NA	ppm	Abundant naturally occurring element.
2005	pH	7.9	7.7	8	7	units	Measure of corrosivity of water.
2002	Sodium	84	84	84	NA	ppm	Erosion of natural deposits; byproduct of oil field activity.
2005	Sulfate	8	7	9	300	ppm	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
2005	Total Alkalinity as CaCO ₃	220	181	259	NA	ppm	Naturally occurring soluble mineral salts.
2005	Total Dissolved Solids	303	265	341	1000	ppm	Total dissolved mineral constituents in water.
2002	Total Hardness as CaCO ₃	88	88	88	NA	ppm	Naturally occurring calcium.

THE WOODLANDS WASTEWATER TREATMENT PLANT NO. 1
SOUTHERN MONTGOMERY MUNICIPAL WATER DISTRICT
2004 REPORT

INORGANIC CONTAMINANTS

Contaminant (and Unit of Measure)	Year	MCLG	MCL	Average Level	Range of Detected Levels	Source of Contaminant
Barium (ppm)	2002	2	2	0.181	0.181-0.181	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride (ppm)	2004	4	4	1.100	1-1.2	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate (ppm)	2004	10	10	0.045	0.0-0.09	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Gross alpha adjusted (pCi/L)	2002	0	15	1.150	0.0-2.3	Erosion of natural deposits.
Combined Radium 226 & 228 (pCi/L)	2002	0	5	0.600	0.0-1.2	Erosion of natural deposits.

MAXIMUM RESIDUAL DISINFECTANT LEVEL

Contaminant (and Unit of Measure)	Year	MCLG	MCL	Average Level	Range of Detected Levels	Source of Contaminant
Chlorine (ppm)	2004	4	4	1.285	0.2-4.0	Disinfectant used to control microbes.

UNREGULATED CONTAMINANTS

Contaminant (and Unit of Measure)	Year	Average Level	Range of Detected Levels	Source of Contaminant
Bromoform (ppb)	2002	0.250	0.0-0.5	Byproduct of drinking water disinfection.
Dibromochloromethane (ppb)	2002	0.350	0.0-0.7	Byproduct of drinking water disinfection.

LEAD AND COPPER

Contaminant (and Unit of Measure)	Year	Action Level (AL)	90th Percentile Value	Number of Sites Exceeding AL	Source of Contaminant
Copper (ppm)	2004	1.3	0.1880	0	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead (ppb)	2004	15	2,6000	1	Corrosion of household plumbing systems; erosion of natural deposits.

SECONDARY AND OTHER NOT REGULATED CONSTITUENTS

Constituent (and unit of Measure)	Year	Average Level	Range of Detected Levels	Limit	Source of Constituent
Bicarbonate (ppm)	2002	255.000	255.000-255.000	NA	Corrosion of carbonate rocks such as limestone.
Calcium (ppm)	2002	26.600	26.600-26.600	NA	Abundant naturally occurring element.
Chloride (ppm)	2002	38.000	38.000-38.000	300	Abundant naturally occurring element; used in water purification; byproduct of oil field activity.
Copper (ppm)	2002	0.008	0.008-0.008	NA	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Iron (ppm)	2002	0.052	0.052-0.052	0.3	Erosion of natural deposits; iron or steel water delivery equipment or facilities.
Magnesium (ppm)	2002	3.930	3.930-3.930	NA	Abundant naturally occurring element.
pH (units)	2002	7.400	7.400-7.400	NA	Measure of corrosivity of water.
Sodium (ppm)	2002	83.700	83.700-83.700	NA	Erosion of natural deposits; byproduct of oil field activity.
Sulfate (ppm)	2002	8.000	8.000-8.000	300	Naturally occurring; common industrial byproduct; byproduct of oil field activity.
Total Alkalinity as CaCO3 (ppm)	2002	209.000	209.000-209.000	NA	Naturally occurring, soluble mineral salts.
Total Dissolved Solids (ppm)	2002	289.000	289.000-289.000	1000	Total dissolved mineral constituents in water.
Total Hardness as CaCO3 (ppm)	2002	88.000	88.000-88.000	NA	Naturally occurring calcium.

Organic Contaminants NOT TESTED OR REPORTED, OR NONE DETECTED Total Coliform NOT DETECTED
 Disinfection Byproducts NOT TESTED OR REPORTED, OR NONE DETECTED Fecal Coliform NOT DETECTED
 Turbidity NOT REQUIRED

Definitions and Abbreviations

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Maximum Contaminant Level (MCL): The highest permissible level of a contaminant in drinking water. MCLs are set as close