

TEST RESULTS TABLE FOR THE BLUEWATER/RAINTREE SYSTEM - PWS ID# 1460775

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
INORGANIC CONTAMINANTS							
Antimony (ppb)	9/05	N	2.5	ND-2.5	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Barium (ppm)	9/05	N	0.006	0.004-0.006	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride (ppm)	9/05	N	0.16	0.12-0.16	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.3 ppm.
Lead (point of entry) (ppb)	9/05	N	0.7	ND-0.7	N/A	15	Residue from man-made pollution such as auto emissions and paint; lead pipe, casing, and solder.
Nickel (ppb)	9/05	N	1.1	ND-1.1	N/A	100	Pollution from mining and refining operations. Natural occurrence in soil.
Nitrate (as Nitrogen) (ppm)	11/07	N	0.032	0.03-0.032	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Sodium (ppm)	9/05	N	6.7	6.6-6.7	N/A	160	Salt water intrusion, leaching from soil.
Thallium (ppb)	9/05	N	0.6	ND-0.6	0.5	2	Leaching from ore processing sites; discharge from electronics, glass, and drug factories.

LEAD AND COPPER (TAP WATER)	Dates of Sampling (mo./yr.)	AL Violation Y/N	90th Percentile Result	No. of Sampling Sites Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	09/07	N	0.1	0 of 30 Samples	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead (tap water) (ppb)	09/07	N	5.1	1 of 30 Samples	0	15	Corrosion of household plumbing systems; erosion of natural deposits.

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine (ppm)	01/07-12/07	N	0.70	0.54-0.98	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
TTHM [Total trihalomethanes] (ppb)	9/07	N	4.10	3.39-5.0	NA	MCL = 80	By-product of drinking water disinfection

TEST RESULTS TABLE FOR WEST COUNTY SYSTEM - PWS ID# 1460597

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
RADIOLOGICAL CONTAMINANTS							
Alpha (pCi/l)	7/02 & 5/03	N	1.1	ND-1.1	0	15	Erosion of natural deposits.
Radium 226 or combined radium (pCi/l)	7/02 & 5/03	N	0.6	0.4-0.6	0	5	Erosion of natural deposits
INORGANIC CONTAMINANTS							
Antimony (ppb)	9/05	N	3.9	ND-3.9	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Barium (ppm)	9/05	N	0.23	0.13-0.23	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Beryllium (ppb)	9/05	N	0.2	ND-0.2	4	4	Discharge from metal refineries and coal burning factories; discharge from electrical, aerospace, and defense industries.
Fluoride (ppm)	9/05	N	1.1	0.95-1.1	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.3 ppm.
Lead (point of entry) (ppb)	9/05	N	1.4	ND-1.4	N/A	15	Residue from man-made pollution such as auto emissions and paint; lead pipe, casing, and solder.
Nickel (ppb)	9/05	N	5.5	ND-5.5	N/A	100	Pollution from mining and refining operations. Natural occurrence in soil.
Nitrate (as Nitrogen) (ppm)	9/07	N	0.051	ND-0.051	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Sodium (ppm)	9/05	N	130	N/A	N/A	160	Salt water intrusion, leaching from soil.
Thallium (ppb)	9/05	N	0.90	0.60-0.90	0.5	2	Leaching from ore processing sites; discharge from electronics, glass, and drug factories.

LEAD AND COPPER (TAP WATER)	Dates of Sampling (mo./yr.)	AL Violation Y/N	90th Percentile Result	No. of Sampling Sites Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	09/07	N	0.43	0 of 30 Samples	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead (tap water) (ppb)	09/07	N	3.6	1 of 30 Samples	0	15	Corrosion of household plumbing systems; erosion of natural deposits.

Note: Sodium Polyphosphate is being used in the West County System as a corrosion inhibitor as part of ongoing Lead and Copper monitoring.

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine (ppm)	1/07-12/07	N	0.88	0.51-1.06	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
Haloacetic Acids (five) (HAA5) (ppb)	9/07	N	3.0	2.3-3.6	NA	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	9/07	N	24.1	16.4-30.9	NA	MCL = 80	By-product of drinking water disinfection

TEST RESULTS FOR THE MID-COUNTY SYSTEM (5 WELLS) PWS 1464044

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
INORGANIC CONTAMINANTS							
Antimony (ppb)	9/05-2/06	N	2.2	ND-2.2	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Arsenic (ppb)	9/05-2/06	N	4.1	ND-4.1	N/A	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium (ppm)	9/05-2/06	N	0.011	0.0044-0.011	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Cyanide (ppb)	9/05-2/06	N	5.0	ND-5.0	200	200	Discharge from steel/metal factories discharge from plastic and fertilizer factories.
Nickel (ppb)	9/05-2/06	N	2.2	1.4-2.2	N/A	100	Pollution from mining and refining operations. Natural occurrence in soil.
Nitrate (as Nitrogen) (ppm)	11/07	N	0.037	ND-0.037	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Nitrite (as Nitrogen) (ppm)	11/07	N	0.066	ND-0.066	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Fluoride (ppm)	9/05-2/06	N	1.0	0.087-1.0	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.3 ppm.
Sodium (ppm)	9/05-2/06	N	48	1.8-48	N/A	160	Salt water intrusion, leaching from soil.
Thallium (ppb)	9/05-2/06	N	1.3	0.1-1.3	0.5	2	Leaching from ore processing sites; discharge from electronics, glass, and drug factories.
LEAD AND COPPER (TAP WATER)							
	Dates of Sampling (mo./yr.)	AL Violation Y/N	90th Percentile Result	No. of Sampling Sites Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	10/05	N	0.15	0 of 20 Samples	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits;
Lead (tap water) (ppb)	10/05	N	11	2 of 20 Samples	0	15	Corrosion of household plumbing systems; erosion of natural deposits.

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine (ppm)	1/07-12/07	N	0.71	0.51-0.83	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
Haloacetic Acids (five) (HAA5) (ppb)	9/05	N	0.32	ND-1.6	NA	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	9/05	N	4.49	2.86-7.9	NA	MCL = 80	By-product of drinking water disinfection

TEST RESULTS TABLE FOR THE MAIN SYSTEM (11 WELLS) PWS ID# 1460506

MICROBIOLOGICAL CONTAMINANTS

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Highest Monthly Percentage of Positive Samples	MCLG	MCL	Likely Source of Contamination
Total Coliform Bacteria	1-12/07	N	1.0	0	For systems collecting at least 40 samples per month: presence of coliform bacteria in 5% of monthly samples.	Naturally present in the environment.

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
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INORGANIC CONTAMINANTS

Antimony (ppb)	9/05	N	4.6	ND-4.6	6	6	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Arsenic (ppb)	9/05	N	8.6	ND-8.6	N/A	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium (ppm)	9/05	N	0.29	ND-0.29	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Beryllium (ppb)	9/05	N	3	ND-3	4	4	Discharge from metal refineries and coal burning factories; discharge from electrical, aerospace, and defense industries.
Cadmium (ppb)	9/05	N	4.6	ND-4.6	5	5	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints.
Chromium (ppb)	9/05	N	6.1	ND-6.1	100	100	Discharge from steel and pulp mills; erosion of natural deposits.
Cyanide (ppb)	9/05	N	12	ND-12	200	200	Discharge from steel/metal factories discharge from plastic and fertilizer factories
Fluoride (ppm)	9/05	N	1.0	0.32-1.0	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.3 ppm.
Lead (point of entry) (ppb)	9/05-6/06	N	8.1=average	ND-31	N/A	15	Residue from man-made pollution such as auto emissions and paint; lead pipe, casing, and solder.
Mercury (inorganic) (ppb)	9/05	N	0.2	ND-0.2	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland.
Nickel (ppb)	9/05	N	58	ND-58	N/A	100	Pollution from mining and refining operations. Natural occurrence in soil.
Nitrate (as Nitrogen) (ppm)	11/07	N	0.050	0.031-0.050	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of

natural deposits.

Selenium (ppb)	9/05	N	7.8	ND-7.8	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.
Sodium (ppm)	9/05	N	160	15-160	N/A	160	Salt water intrusion, leaching from soil.
Thallium (ppb)	9/05	N	0.7	ND-0.7	0.52		Leaching from ore processing sites; discharge from electronics, glass, and drug factories.

LEAD AND COPPER (TAP WATER)	Dates of Sampling (mo./yr.)	AL Violation Y/N	90th Percentile Result	No. of Sampling Sites Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	08/07	N	0.31	0 of 30 Samples	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead (tap water) (ppb)	08/07	N	5.8	0 of 30 Samples	0	15	Corrosion of household plumbing systems; erosion of natural deposits.

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters							
Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine (ppm)	1/07-12/07	N	0.63	0.50-0.70	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
Haloacetic Acids (five) (HAA5) (ppb)	9/07	N	1.33	ND-5.3	NA	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	9/07	N	19.26	1.59-62.8	NA	MCL = 80	By-product of drinking water disinfection