

PLAINVILLE WATER TEST RESULTS 4/12/17 (Collected by State Department of Public Health - Drinking Water Section)

ADDRESS	Chloride (250 mg/l) ¹	Nitrite (1 mg/l) ¹	Nitrate (10 mg/l) ¹	Sulfate (250 mg/l) ²	Calcium Hardness (mg/l)	Total Hardness (> 180 mg/l = Very Hard) ³	Calcium (mg/l)	Iron (0.3 mg/l) ²	Magnesium (mg/l)	Manganese (0.05 mg/l) ²	Sodium (28 mg/l) ⁴	Alkalinity (mg/l)	pH (6.4 - 10) ⁵	Color (15) ⁵	Turbidity (5 NTU) ⁵	Ammonia (mg/l)	Odor (<2) ⁵	Free Chlorine Residual (mg/l)
51 Welch St	95	<0.20	2.4	12	177	205	71	<0.040	6.7	<0.040	33	119	8.1	<2	<0.20	<0.05	0	0.70
51 Welch St	87.7	<0.23	1.9	11.3		197		<0.010		<0.010	31.7	105	7.3	1	<0.10	<0.050	1-Chlorine	0.70
135 Hollyberry Lane	91	<0.20	2.3	12	180	209	72	<0.040	7.0	<0.040	33	123	8.2	<2	<0.20	<0.05	0	0.40
135 Hollyberry Lane	87.3	<0.23	1.9	11.5		201		<0.010		<0.010	31.4	108	8.1	1	<0.10	<0.50	1-Chlorine	0.40
4 Katie Lane	132	<0.20	1.3	29	225	311	90	<0.040	21.0	<0.040	45	187	7.9	<2	<0.20	<0.05	0	0.16
4 Katie Lane	123	<0.23	1.2	27.7		302		<0.010		<0.010	43.8	182	7.9	1	<0.10	<0.50	1-Chlorine	0.16
14 Terra Road	131	<0.20	1.3	29	228	315	91	<0.040	21.0	<0.040	46	186	7.9	<2	<0.20	<0.05	0	0.14
14 Terra Road	123	<0.23	1.2	27.6		305		<0.010		<0.010	44.1	168	7.5	1	<0.10	<0.50	0-None	0.14
2 James Place	130	<0.20	1.3	29	227	314	91	<0.040	21.0	<0.040	46	188	7.9	<2	<0.20	<0.05	0	0.02
2 James Place	120	<0.23	1.2	27.6		300		<0.010		<0.010	43.2	176	7.5	1	<0.10	<0.50	0-None	0.02
44 McArthur Road	134	<0.20	1.4	29	233	322	93	<0.040	22.0	<0.040	46	186	7.9	<2	<0.20	<0.05	0	0.26
44 McArthur Road	124	<0.23	1.2	27.6		302		0.012		0.012	43.5	169	7.5	1	<0.10	<0.50	1-Chlorine	0.26
131 Milford St	135	<0.20	1.4	29	225	312	90	<0.040	21.0	<0.040	46	187	7.9	<2	<0.20	<0.05	0	0.30
131 Milford St	126	<0.23	1.3	27.8		307		<0.010		<0.010	43.7	174	7.5	1	<0.10	<0.50	1-Chlorine	0.30
45 Kristen Lane	124	<0.20	1.3	29	217	301	87	<0.040	20.0	<0.040	44	186	7.9	<2	<0.20	<0.05	0	ND
45 Kristen Lane	118	<0.23	1.2	27.6		297		<0.010		<0.010	43	181	7.5	1	<0.10	<0.50	0-None	0.00
48 Metacomet Rd	96	<0.20	2.4	12	180	207	72	<0.040	6.7	<0.040	33	121	8.2	<2	<0.20	<0.05	0	0.51
48 Metacomet Rd	89.9	<0.23	2.3	11.2		201		<0.010		<0.010	32	116	8.1	1	<0.10	<0.50	1-Chlorine	0.51
78 Metacomet Rd	94	<0.20	2.4	12	280	207	72	<0.040	6.6	<0.040	32	121	8.2	<2	<0.20	<0.05	0	0.37
78 Metacomet Rd	87.7	<0.23	2.3	11.1		201		<0.010		<0.010	31.3	83.6	8.2	1	<0.10	<0.50	1-Chlorine	0.37
25 Maiden Lane	88	<0.20	2.3	12	172	200	69	<0.040	6.7	<0.040	31	117	8.2	<2	<0.20	<0.05	0	0.51
25 Maiden Lane	81.6	<0.23	2.2	11.5		193		<0.010		<0.010	30	110	8.1	1	<0.10	<0.50	1-Chlorine	0.51
29 Fleetwood Dr	98	<0.20	2.4	12	190	218	76	<0.040	6.8	<0.040	34	123	8.2	<2	<0.20	<0.05	0	0.42
29 Fleetwood Dr	91.8	<0.23	2.3	11.2		204		<0.010		<0.010	32.4	115	8.2	1	<0.10	<0.50	1-Chlorine	0.42
33 Fleetwood Dr	104	<0.20	2.4	12	197	226	79	<0.040	6.9	<0.040	36	128	8.2	<2	<0.20	<0.05	0	0.42
33 Fleetwood Dr	97.6	<0.23	2.3	11.1		215		<0.010		<0.010	34.8	1.8	8.2	1	<0.10	<0.50	1-Chlorine	0.42
7 Sawmill Lane	96	<0.20	2.4	12	182	210	73	<0.040	6.7	<0.040	33	122	8.2	<2	<0.20	<0.05	0	0.50
7 Sawmill Lane	90	<0.23	2.3	11.2		201		<0.010		<0.010	32.1	116	8.2	1	<0.10	<0.50	1-Chlorine	0.50

Red Text = DPH/PSRHD Samples

Blue Text =Valley Water Samples

1. Maximum Contaminant Level - Enforceable

2. Secondary Maximum Contaminant Level - Non-Enforceable

3. Total Hardness is the combination of calcium and magnesium hardness and can be calculated using the following formula: Total Hardness = (2.5 X Calcium) + (4.1 X Magnesium)

Total Hardness 0 - 60 = soft water, 61 - 120 = moderately hard water, 121 - 180 = hard water, greater than 180 = very hard water, these are non-regulatory standards

4. Notification Level. Point of entry results above this notification level require the public water system to provide annual notification to its customers. Valley Water provided annual notification in their 2016 Consumer Confidence Report

5. State Standards