

**CITY OF BENTON HARBOR WATER TREATMENT PLANT  
WATER QUALITY PARAMETER (WQP) WITH CORROSION CONTROL DATA**

Month/Year: APRIL, 2022

WSSN: 0600

	Sample Location	Date	pH	Alk. mg/L	Ca (CaCO <sub>3</sub> ) mg/L	Conductivity umhos	Temperature °C	Orthophosphate (PO <sub>4</sub> ) mg/L	Chloride mg/L	Sulfate mg/L
Plant Tap (POE)	Plant Tap week 1	4/6/22	7.5	121	51	387	6.0	3.40	27.5	41
	Plant Tap week 2	4/13/22	7.7	139	47	423	8.5	4.28	25.0	43
	Plant Tap week 3	4/20/22	7.5	113	47	355	8.5	3.44	24.0	36
	Plant Tap week 4									
	Plant Tap week 5									
Distribution System Month #1	Abonmarche	4/6/22	7.8	118	50	357	17.0	3.44	20.5	41
	Cornerstone	4/6/22	7.9	124	49	366	19.2	3.48	22.0	35
	BP (Main & Fair)	4/6/22	8.0	120	44	366	18.7	3.26	19.5	33
	May Street Service	4/6/22	8.0	121	45	354	14.1	3.68	20.5	37
	City Hall	4/6/22	7.9	123	49	360	17.5	3.84	19.0	41
	Villa Environmental	4/6/22	7.5	121	41	382	19.8	3.66	21.5	34
	Pearson Construction	4/6/22	7.8	131	49	381	20	3.56	21.0	35
	Sunny Spot	4/6/22	7.9	126	45	362	16.1	3.40	20.0	36
	Blue Water Thermal	4/6/22	7.9	126	43	351	14.1	3.12	20.5	34
	B&Z Construction	4/6/22	8.5	124	48	428	16.4	3.22	19.5	31

**CITY OF BENTON HARBOR WATER TREATMENT PLANT  
WATER QUALITY PARAMETER (WQP) WITH CORROSION CONTROL DATA**

Month/Year: MAY,2022

WSSN: 0600

	Sample Location	Date	pH	Alk. mg/L	Ca (CaCO <sub>3</sub> ) mg/L	Conductivity umhos	Temperature °C	Orthophosphate (PO <sub>4</sub> ) mg/L	Chloride mg/L	Sulfate mg/L
Plant Tap (POE)	Plant Tap week 1	5/11/22	7.6	116	48	355	10.0	3.06	24.5	38
	Plant Tap week 2	5/18/22	7.9	118	51	342	9.7	3.31	26.0	36
	Plant Tap week 3	5/26/22	8.0	109	47	342	8.5	3.32	24.5	32
	Plant Tap week 4									
	Plant Tap week 5									
Distribution System Month #2	Abonmarche	5/11/22	7.9	114	45	364	13.5	3.08	21.0	39
	Cornerstone	5/11/22	8.0	120	46	358	13.1	3.03	19.5	36
	BP (Main & Fair)	5/11/22	7.9	125	49	370	12.7	3.23	20.5	34
	May Street Service	5/11/22	7.9	121	46	345	13.8	3.26	23.5	34
	City Hall	5/11/22	8.1	123	44	355	13.4	3.15	19.0	36
	Villa Environmental	5/11/22	8.0	121	47	352	13.7	3.23	22.0	36
	Pearson Construction	5/11/22	7.8	119	50	380	13.5	3.16	20.5	37
	Sunny Spot	5/11/22	8.1	123	48	368	13.2	3.01	21.5	34
	Blue Water Thermal	5/11/22	7.9	122	43	304	12.9	3.25	22.5	36
	B&Z Construction	5/11/22	8.0	124	47	346	12.2	3.09	21.0	37

**CITY OF BENTON HARBOR WATER TREATMENT PLANT**  
**WATER QUALITY PARAMETER (WQP) WITH CORROSION CONTROL DATA**

Month/Year: JUNE,2022

WSSN: 0600

	Sample Location	Date	pH	Alk. mg/L	Ca (CaCO <sub>3</sub> ) mg/L	Conductivity umhos	Temperature °C	Orthophosphate (PO <sub>4</sub> ) mg/L	Chloride mg/L	Sulfate mg/L
Plant Tap (POE)	Plant Tap week 1	6/1/22	7.6	110	41	350	115	4.16	24	39
	Plant Tap week 2	6/8/22	7.9	107	38	340	10.5	3.77	24	32
	Plant Tap week 3	6/15/22	8.0	113	42	321	15.0	3.48	24	34
	Plant Tap week 4	6/22/22	8.1	111	42	351	18.0	3.26	24	35
	Plant Tap week 5	6/29/22	8.0	114	38	340	16.5	4.32	26	33
Distribution System Month #2	Abonmarche	6/1/22	8.0	115	46	.76	19.8	3.08	20	38
	Cornerstone	6/1/22	8.1	107	42	372	18.0	3.13	20.5	37
	BP (Main & Fair)	6/1/22	8.0	115	39	368	18.0	3.00	21	33
	May Street Service	6/1/22	7.8	109	47	384	21.0	3.09	19	37
	City Hall	6/1/22	7.7	112	48	344	22.0	3.24	21	37
	Villa Environmental	6/1/22	8.0	111	50	316	20.0	3.23	20	34
	Pearson Construction	6/1/22	8.3	108	49	304	23.0	3.00	20.5	35
	Sunny Spot	6/1/22	7.9	110	46	378	21.9	3.24	21	38
	Blue Water Thermal	6/1/22	7.7	108	48	366	19.0	3.23	21.5	36
	B&Z Construction	6/1/22	7.8	114	44	380	19.0	3.12	20.5	35