



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R10 / 9-16)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name East Chicago Water Works - POE 2 PWSID Number 5245012

For the Month of June 2024 IDEM Field Rep. Karla Goodman

Signed [Signature] Title Operator

I certify under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate, and complete.
I am also aware that there are significant penalties for submitting false information.

Certification Number WT 220203

PHYSICAL AND CHEMICAL DATA *

Date	Turbidity		Alkalinity		pH		Hardness		Iron		Manganese		Phosphate	Fluoride	
	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Finished	Finished	
1	0.8	0.08			8.09	8.15							0.79		
2	0.8	0.09			8.06	8.12							0.80		
3	0.8	0.09			8.06	8.10							0.83		
4	2.8	0.11			8.07	8.08							0.80		
5	1.6	0.08			8.08	8.10							1.05		
6	1.5	0.09			8.08	8.09							0.88		
7	1.9	0.08			8.10	8.10							0.92		
8	1.5	0.09			8.13	8.12							0.99		
9	1.7	0.08			8.07	8.11							0.90		
10	1.6	0.08			8.04	8.08							1.02		
11	3.5	0.08			8.06	8.10							0.95		
12	1.4	0.06			8.03	8.09							0.94		
13	1.8	0.08			8.04	8.10							1.23		
14	1.6	0.08			7.98	8.08							0.97		
15	1.8	0.07			8.08	8.11							0.84		
16	1.7	0.08			8.07	8.11							1.10		
17	1.0	0.08			8.06	8.10							1.00		
18	1.2	0.06			8.01	8.10							0.92		
19	1.3	0.09			8.03	8.09							0.93		
20	1.4	0.09			8.06	8.11							0.92		
21	1.1	0.08			8.10	8.10							0.98		
22	0.8	0.07			8.04	8.13							1.07		
23	1.1	0.06			8.03	8.10							1.08		
24	1.2	0.08			8.08	8.13							0.91		
25	2.1	0.08			8.07	8.15							0.87		
26	1.4	0.09			8.07	8.14							0.99		
27	1.8	0.09			8.05	8.08							0.90		
28	2.6	0.09			8.00	8.06							1.19		
29	1.7	0.06			7.92	8.08							0.98		
30	1.6	0.08			8.02	8.11							0.94		
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* All parameters are to be expressed in mg/l except pH and turbidity

DUE BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD.

Date	Water Treated	Chemicals Used – Pounds								Filters		Chlorine Residual				Remarks	
	1000 gallons	Salt	Alum	Lime	Soda Ash	Carbon	Chlorine	Fluoride	Phos- phate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D. S.			
												Free	Total	Free	Total		
1	9140						1577		206			1.27	1.46	0.64	0.67		
2	8920						1556		199			1.44	1.45	0.25	0.37		
3	8870						1460		200			1.24	1.40	0.58	0.63		
4	9470						1591		235			1.28	1.41	0.62	0.77		
5	9590						1636		190			1.27	1.41	0.80	1.00		
6	9740						1690		252			1.22	1.37	0.57	0.79		
7	9720						1690		249			1.19	1.32	0.63	0.83		
8	8630						1562		269			1.18	1.32	0.62	0.70		
9	8030						1624		226			1.10	1.24	0.66	0.74		
10	8670						1624		230			1.15	1.32	0.29	0.60		
11	9390						1640		248			1.25	1.39	0.52	0.65		
12	9150						1547		239			1.42	1.58	0.40	0.49		
13	9820						1644		261			1.46	1.62	0.65	0.69		
14	10040						1662		256			1.46	1.64	0.76	0.83		
15	9550						1579		250			1.39	1.56	0.85	0.92		
16	9610						1579		253			1.37	1.51	0.73	0.77		
17	10040						1625		256			1.40	1.55	0.49	0.54		
18	10260						1657		260			1.36	1.55	0.91	1.08		
19	10180						1678		259			1.39	1.57	0.83	0.94		
20	10260						1678		263			1.38	1.56	0.72	1.13		
21	10310						1692		264			1.35	1.53	0.44	0.57	Monthly Water Treatment	
22	10440						1707		263			1.29	1.47	0.68	0.77	Total Gallons 285770	
23	9710						1567		245			1.34	1.51	0.57	0.69	Max. Day 10440	
24	9410						1562		241			1.23	1.37	0.62	0.67	Min. Day 8030	
25	9280						1587		225			1.20	1.35	0.26	0.37	Avg. Daily 9526	
26	8760						1456		207			1.29	1.45	0.15	0.32	E-Mail To: DWBMRO@idem.in.gov Mail To: Indiana Department of Environmental Management Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	
27	10000						1741		259			1.28	1.44	0.54	0.77		
28	9920						1766		247			1.20	1.35	0.73	0.84		
29	9560						1758		251			1.23	1.41	0.73	0.95		
30	9300						1660		233			1.25	1.40	0.39	0.71		
31																	