



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R6 / 3-04)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name: Danville Water Company

PWSID Number 5232004

For the Month of October

2024 IDEM Field Rep

Signed Matthew W. Ellison

Title: Superintendent

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

Certification Number: 031063 040202

PHYSICAL AND CHEMICAL DATA *

	pH				Iron				Phosphate			
	Raw		Finished		Raw		Finished		Raw		Finished	
1					7.53	7.65			2.54	0.02		1.64
2					7.64	7.49			1.93	0		1.65
3					7.53	7.57			3.09	0		1.67
4					7.54	7.43			2.43	0		1.54
5					7.56	7.51			2.46	0		2.12
6					7.64	7.53			3.06	0		1.78
7					7.64	7.55			2.49	0		1.66
8					7.55	7.55			2.99	0.04		1.48
9					7.55	7.56			2.46	0		1.49
10					7.56	7.52			2.42	0.00		1.98
11					7.53	7.58			3.02	0.04		2.21
12					7.58	7.60			2.97	0.05		1.62
13					7.58	7.57			2.99	0.00		1.81
14					7.64	7.57			2.54	0.00		1.67
15					7.67	7.54			3.19	0.00		1.82
16					7.60	7.56			2.8	0.00		1.74
17					7.66	7.57			3.2	0.00		1.65
18					7.67	7.68			2.53	0.03		1.27
19					7.60	7.57			2.49	0.00		1.93
20					7.57	7.66			2.6	0.00		2.08
21					7.56	7.57			2.93	0		1.77
22					7.67	7.52			2.9	0.00		1.53
23					7.66	7.58			2.43	0.03		1.99
24					7.55	7.43			2.55	0.04		1.79
25					7.47	7.54			2.87	0.02		2.19
26					7.63	7.54			2.41	0		1.74
27					7.55	7.54			2.49	0		1.71
28					7.45	7.54			2.91	0.02		2.10
29					7.49	7.55			2.45	0		1.15
30					7.55	7.54			2.46	0.04		1.46
31					7.58	7.53			2.53	0.01		1.38

Date	Water Treated	Chemicals Used -- Pounds				Filters		Chlorine Residual		Remarks	
	1000 gallons					Filter Run (hours)	Gallons per wash x 1000				
	North plant	Chlorine plant	Oracle plant	Phosphate Plant		Filters	B/W	Plant Tap Total	D.S. Total		
1	1045.8					16.08	63.37	3.78	1.10		
2	1217.6					17.46	57.31	2.33	1.73		
3	1237.8					20.58	62.25	1.80	0.51		
4	1226.6					17.86	63.86	1.95	2.19		
5	1225.5					17.43	54.86	1.73	0.66		
6	979.4					14.84	62.42	1.85	0.69		
7	1058.9					15.11	63.95	1.24	1.70		
8	1283.3					20.69	46.95	3.90	0.73		
9	1151.1					18.16	63.51	1.17	1.23		
10	1271.6					17.14	63.10	2.47	1.76		
11	1081.0					17.01	49.10	3.36	0.61		
12	889.0					15.19	63.22	2.55	2.20		
13	1037.5					15.22	66.22	2.80	0.51		
14	1069.5					15.12	52.15	2.88	0.82		
15	1019.3					14.88	63.66	2.77	1.93		
16	1069.1					13.90	61.26	3.51	0.73		
17	1162.7					16.16	36.76	3.58	2.20		
18	989.6					14.10	62.85	0.46	1.79		
19	809.8					12.35	65.35	3.50	0.50		
20	1143.2					16.56	34.76	2.05	0.99		
21	1069.4					15.01	63.59	3.45	0.89	Monthly Water Treatment	
22	1249.0					18.70	63.73	2.93	0.91	Total Gallons	34326.8
23	995.2					13.83	57.01	2.83	1.21	Max. Day	1283.3
24	887.4					11.54	62.78	3.51	1.10	Min. Day	809.8
25	1187.7					18.23	62.82	3.67	1.08	Avg. Daily	1107.3
26	1067.5					14.63	33.25	3.71	1.01		
27	1019.6					14.24	65.03	3.55	0.67		
28	1194.9					18.53	63.54	3.70	2.20		
29	1213.8					16.86	27.35	3.57	1.56		
30	1198.0					16.97	63.22	3.42	1.35		
31	1276.2					17.56	64.01	3.49	0.98		