



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Philadelphia Waterworks NineStar

IN5230011

For the Month of June Year 2024

Carolynn Chappell

Signed 

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:

WT190161

DS864576

PHYSICAL AND CHEMICAL DATA *

Date	Chlorine Residual				Iron		Chemicals Used - lbs		Phosphate	Water	Remarks
	Plant		Distribution		Raw	Finished	Chlorine	Phosphate	Finished	Treated	
	Free	Total	Free	Total							
1	1.72	2.27	0.70	0.84	2.05	2.25	0.44	0.07	1.61	60	
2	0.38	0.95	0.62	0.78	2.10	1.31	0.49	0.08	1.38	67	
3	0.47	0.53	0.55	0.57	1.95	0.85	0.46	0.07	1.28	63	
4	0.89	1.82	0.56	0.79	1.93	1.01	0.46	0.07	1.42	63	
5	0.46	1.00	0.68	0.79	1.90	0.97	0.43	0.07	1.30	59	
6	2.27	2.35	0.53	0.67	1.76	0.85	0.4	0.06	1.25	55	
7	1.79	1.96	0.50	0.59	1.77	1.56	0.48	0.07	1.30	66	
8	1.04	2.00	0.63	0.82	1.98	1.78	0.51	0.08	1.24	70	
9	2.02	2.24	0.70	0.91	1.94	0.11	0.86	0.13	1.27	117	
10	1.67	1.10	0.64	0.76	1.95	1.82	0.61	0.09	1.22	83	
11	0.38	0.86	0.37	0.45	1.81	1.47	0.73	0.09	1.44	84	Increased Cl2
12	2.20	0.71	0.32	0.40	1.73	1.69	0.94	0.11	1.27	94	Increased Cl2
13	2.29	2.36	1.58	1.95	1.76	1.65	1	0.11	1.44	95	Decreased cl2
14	1.03	1.68	2.28	2.32	1.88	0.86	0.9	0.1	1.14	91	Decreased cl2
15	0.87	0.99	1.86	2.22	1.78	1.93	0.95	0.11	1.46	100	
16	0.38	0.47	1.97	2.18	1.82	0.98	1.09	0.14	1.57	120	Decreased cl2
17	2.24	2.32	1.00	1.25	2.46	1.55	0.99	0.13	1.36	112	
18	1.43	1.69	1.47	1.65	2.28	0.73	1.2	0.16	1.21	137	
19	2.25	1.40	1.11	1.24	1.99	1.03	1.1	0.14	1.72	124	
20	2.24	2.31	1.45	1.51	2.29	1.91	1.13	0.16	1.36	137	Decreased cl2
21	1.48	1.40	1.03	1.17	1.92	1.44	1.45	0.2	1.33	180	
22	0.48	0.57	0.87	0.96	1.81	1.76	1.46	0.21	1.32	181	
23	0.45	0.49	0.67	0.78	1.76	0.93	0.93	0.13	1.29	116	
24	2.30	2.38	0.65	0.70	1.79	1.68	0.8	0.11	1.30	99	
25	1.19	1.41	0.51	0.60	1.79	1.63	0.76	0.11	1.29	95	
26	1.49	1.85	0.38	0.35	1.81	2.04	0.52	0.07	1.19	65	
27	2.28	2.38	0.27	0.36	1.76	2.93	0.62	0.09	1.09	76	Increased Cl2
28	1.65	2.30	0.39	0.54	1.77	1.49	0.78	0.11	1.41	93	Total Gallons
29	0.76	1.46	0.30	0.33	1.79	0.7	0.69	0.09	1.36	84	18100
30	1.70	2.27	0.32	0.44	1.8	1.7	0.73	0.1	1.78	87	5500
31											9577

E-mail To:
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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.