



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Chesterfield Water Dept. PWSID Number 5248004

For the Month of June Year 2024 IDEM Field Rep. Lily Alexander

Signed *David B. Wash* Title Water 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 WT130187

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														
2														
3										.90	.04			
4										.76	.01			
5										.48	.01			
6										1.09	.04			
7										.93	.03			
8														
9														
10										.67	.01			
11										.81	.02			
12										.76	.03			
13										.59	.02			
14										.67	.00			
15										.80	.01			
16														
17										.63	.04			
18										1.01	.01			
19														
20										.96	.03			
21										.83	.00			
22														
23														
24										.70	.02			
25										.81	.02			
26										.54	.01			
27										.49	.03			
28										.73	.01			
29														
30														
31														

* 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 1000 gallons	Chemicals Used – Pounds								Filters		Chlorine Residual				Remarks	
		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	265						2			11.7		.87	.99				
2	222						1			9.9		.91	.99				
3	260						2			11.7		1.06	1.14	.78	.85		
4	296						3			13.4		.94	1.12	.81	.83		
5	285						2			13.5		1.14	1.22	.71	.77		
6	247						1			12.0		1.07	1.12	.69	.77		
7	282						3			14.0	10	.98	1.10	.78	.82		
8	266						3			11.6		.87	.99				
9	250						2			11.1		.91	.97				
10	307						3			13.5		.93	.96	.81	.85		
11	227						2			10.4		1.07	1.20	.77	.83		
12	310						3			14.4		.89	.97	.82	.91		
13	302						2			14.5	10	1.11	1.20	.86	.91		
14	270						2			11.8		.86	.91	.73	.80		
15	267						2			11.7		.81	.90				
16	277						1			12.3		.97	1.04				
17	292						3			13.3		1.04	1.17	.59	.70		
18	310						2			14.4		1.00	1.08	.69	.73		
19	261						3			12.6		1.09	1.20				
20	310						3			15.4	10	1.16	1.25	.78	.79		
21	272						2			11.8		.57	.69	.61	.65	Monthly Water Treatment	
22	320						4			14.1		.79	.90			Total Gallons	8,341,000
23	289						2			13.0		.97	1.03			Max. Day	320,000
24	292						3			13.5		.89	1.00	.73	.79	Min. Day	222,000
25	289						3			13.9		1.03	1.04	.80	.83	Avg. Daily	278,000
26	250						3			12.3		.99	1.07	.78	.86	E-Mail To: DWBMRO@idem.in.gov	
27	257						3			13.2	10	1.11	1.13	.85	.91		
28	298						2			12.9		.87	.99	.70	.76	Mail To: Indiana Department of Environmental Management Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	
29	309						3			13.7		.93	1.07				
30	263						2			12.1		.89	.97				
31																	