



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Redkey Water Works PWSID Number 5238008

For the Month of June Year 2024 IDEM Field Rep. Darek Petro

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 130033 / DS 130032

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									1.17	.00				
2									1.16	.00				
3									1.23	.04				
4									1.22	.00				
5									1.28	.00				
6									1.19	.05				
7									1.14	.05				
8									1.16	.02				
9									1.13	.03				
10									1.14	.00				
11									1.30	.02				
12									1.14	.01				
13									1.15	.02				
14									1.14	.00				
15									1.27	.01				
16									1.33	.00				
17									1.14	.00				
18									0.77	.01				
19									1.27	.05				
20									1.17	.00				
21									1.25	.00				
22									1.29	.04				
23									1.13	.00				
24									1.16	.01				
25									1.13	.02				
26									1.12	.00				
27									1.21	.00				
28									1.17	.02				
29									1.13	.05				
30									1.13	.02				
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	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	80						12.8					1.50	1.62	1.16	1.27	Bac T #1 6/24/24	
2	75						11.0					1.54	1.67	1.53	1.64	Bac T #2 6/26/24	
3	92						15.6					1.39	1.51	1.34	1.47		
4	85						12.2					1.38	1.46	.39	.50		
5	93						14.2					1.49	1.65	.96	1.10		
6	68						9.6					.80	.84	.42	.63		
7	96						14.8			.67	5.6	1.48	1.52	.35	.43		
8	82						12.7					1.34	1.61	.02	.25		
9	105						15.3					1.30	1.54	.43	.67		
10	89						12.9					1.60	1.74	1.13	1.26		
11	90						17.8					1.30	1.45	.61	.77		
12	86						17.6					1.85	1.95	.74	.87		
13	107						20.4					1.63	1.73	.88	1.01		
14	88						15.2					1.80	2.06	.55	.61		
15	94						17.5					1.66	1.90	.12	.18		
16	99						11.6					1.74	1.93	1.22	1.32		
17	97						18.0			.67	5.6	1.75	1.81	.90	1.03		
18	88						15.4					1.76	2.00	.30	.33		
19	86						15.5					1.66	1.88	1.66	1.82		
20	103						18.6					1.39	1.45	.47	.61		
21	91						16.5					1.71	1.79	1.32	1.39	Monthly Water Treatment	
22	90						16.9					1.43	1.57	.93	1.09	Total Gallons	2,700,730
23	125						21.7					1.50	1.63	.73	.82	Max. Day	125,080
24	86						15.6			.67	5.6	1.74	1.81	1.66	1.72	Min. Day	67,990
25	85						15.3					1.50	1.57	1.07	1.20	Avg. Daily	90,024
26	87						14.4					1.36	1.55	1.13	1.17	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	82						15.0					1.35	1.52	.66	.74		
28	88						17.8					1.49	1.49	.56	.62		
29	75						12.4					1.53	1.66	.61	1.04		
30	84						13.9					1.30	1.40	.97	1.01		
31																	