



**MONTHLY REPORT OF OPERATION
WATER TREATMENT PLANT**

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Kouts Water Works PWSID Number 5264013

For the Month of June Year 2023 IDEM Field Rep. Daniel Keane

Signed [Signature] Title Certified 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 WT024032

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									0.57	0.33			0.82	
2									0.57	0.35			0.64	
3									0.55	0.17			0.49	
4									0.75	0.17			0.60	
5									0.61	0.45			0.26	
6									0.55	0.52			0.28	
7							16.1	15.3	0.65	0.40	0.198	0.093	0.56	
8									0.58	0.28			0.57	
9									0.65	0.34			0.67	
10									0.62	0.11			0.46	
11									0.55	0.60			0.45	
12									0.66	0.36			0.46	
13									0.55	0.45			0.52	
14									0.63	0.17			0.25	
15									0.64	0.51			0.64	
16									0.68	0.42			0.64	
17									0.60	0.29			0.64	
18									0.57	0.09			0.48	
19									0.62	0.44			0.35	
20							15.0	15.3	0.61	0.53	0.064	0.032	0.23	
21									0.62	0.39			0.58	
22									0.59	0.45			0.64	
23									0.61	0.46			0.83	
24							15.6	15.2	0.67	0.71			0.70	
25									0.62	0.11			0.53	
26									0.59	0.33			0.58	
27									0.59	0.59			0.53	
28									0.58	0.23			0.68	
29									0.53	0.34			0.66	
30									0.55	0.31			0.77	
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	Phosphate	Filter Run (hours)	Gallons per wash x 1000	Plant Tap		D. S.			
												Free	Total	Free	Total		
1	249.9						5		3			1.6	1.8	0.9	1.0		
2	185.2						3		3.5			1.5	1.8	1.0	1.1		
3	256						4		5			1.7	1.9	0.88	1.0		
4	232.8						5		7			1.6	1.8	0.74	0.85		
5	318.6						5		8			1.8	2.0	1.3	1.6		
6	229.2						5		5			1.6	1.8	1.3	1.5		
7	292.3						5		4			1.6	1.9	1.1	1.3		
8	251						5		3.5			1.6	1.9	1.0	1.1		
9	189.9						4		1.5			1.5	1.8	0.76	0.87		
10	212.8						3		3.5			1.5	1.8	1.0	1.1		
11	321.1						7		6			1.7	2.0	1.5	1.8		
12	286.3						4		5.5			1.6	1.8	0.83	0.91		
13	338.6						7		9.5			1.6	1.8	1.1	1.3	Hardness measured in grains.	
14	358.4						7		8			1.5	1.7	1.4	1.6	CL2 measured in gallons	
15	227.4						4		4			1.6	1.9	0.83	0.93		
16	250.9						4		3			1.7	1.9	0.78	0.91	Well #3= 3604.7	
17	268.8						6		4			1.6	2.0	0.77	1.1	Well #4= 4336	
18	334.3						6		3.5			1.4	1.8	0.88	1.0		
19	293.4						5		2.5			1.7	2.0	1.3	1.5		
20	290.5						6		3			1.6	1.9	1.3	1.5		
21	306.3						6		3.5			1.7	2.0	1.4	1.6	Monthly Water Treatment	
22	245.9						5		2.5			1.4	1.8	0.83	0.99	Total Gallons	7940.7
23	267.6						5		4			1.5	1.8	0.83	0.99	Max. Day	358.4
24	282						6		4			1.6	1.9	1.4	1.6	Min. Day	185.2
25	292.4						5		2.5			1.4	1.7	0.92	1.1	Avg. Daily	264.7
26	245.8						5		2.5			1.4	1.8	1.0	1.2	E-Mail To:	DWBMRO@idem.in.gov
27	274.7						5		2.5			1.5	1.8	1.3	1.5		
28	250.7						5		3			1.6	1.8	0.48	0.60	Mail To:	
29	187.4						3		2.5			1.4	1.6	0.59	0.68	Indiana Department of Environmental Management	
30	200.5						4		2.5			1.4	1.7	0.61	0.70	Drinking Water Branch	
31																100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	