



MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R11 / 1-17)

INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

System Name Greendale Utilities PWSID Number 5215003-01-202405

For the Month of May Year 2024 IDEM Field Rep. Evan Book

Signed [Signature] Title Water Treatment 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 WT230149

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			360	340	7.5	7.6	21.0	11.0						0.6
2			360	320	7.6	7.6	18.0	9.0						0.6
3			340	340	7.6	7.6	21.0	8.0						0.7
4			340	340	7.6	7.6	22.0	8.0						0.8
5			320	320	7.6	7.6	20.0	6.0						0.7
6			320	320	7.6	7.6	20.0	7.0						0.8
7			320	320	7.6	7.6	20.0	8.0						0.7
8			320	320	7.6	7.6	20.0	7.0						0.6
9			340	340	7.6	7.6	22.0	9.0						0.7
10			320	320	7.5	7.5	20.0	5.0						0.8
11			320	320	7.5	7.6	21.0	5.0						0.7
12			360	340	7.5	7.5	20.0	22.0						0.7
13			360	360	7.5	7.6	24.0	12.0						0.8
14			320	320	7.5	7.6	20.0	7.0						0.6
15			360	360	7.6	7.6	23.0	5.0						0.5
16			340	340	7.6	7.6	22.0	6.0						0.7
17			320	320	7.5	7.6	20.0	9.0						0.7
18			340	340	7.5	7.6	20.0	7.0						0.8
19			360	380	7.6	7.6	23.0	6.0						1.0
20			340	340	7.6	7.7	22.0	5.0						0.8
21			360	340	7.5	7.6	21.0	10.0						0.6
22			360	360	7.6	7.6	20.0	5.0						0.7
23			320	320	7.5	7.6	20.0	10.0						0.6
24			360	360	7.5	7.6	21.0	11.0						0.8
25			360	340	7.5	7.6	21.0	6.0						0.7
26			360	360	7.6	7.6	21.0	17.0						0.8
27			360	360	7.6	7.6	23.0	8.0						0.8
28			380	360	7.6	7.6	23.0	7.0						1.0
29			380	380	7.5	7.6	21.0	5.0						0.7
30			360	380	7.5	7.6	22.0	6.0						0.7
31			380	380	7.6	7.6	23.0	7.0						0.8

* 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	1182						13	22				1.0	1.2	1.1	1.1		
2	1160						11	22				1.2	1.2	0.6	0.7		
3	1082						13	20				1.1	1.2	0.6	0.6		
4	1106						14	21				1.2	1.3	1.0	1.0		
5	1143						10	22				1.0	1.0	0.7	0.7		
6	1036						13	22				1.2	1.3	1.1	1.1		
7	1086						11	18				1.2	1.3	1.0	1.1		
8	1152						12	22				1.1	1.1	0.6	0.6		
9	1140						12	22				1.0	1.1	0.9	0.9		
10	1145						11	22				1.2	1.4	0.8	0.8		
11	1136						11	21				1.5	1.5	0.7	0.8		
12	1099						14	22				1.3	1.2	0.6	0.6		
13	1215						12	19				1.1	1.2	0.7	0.7		
14	1271						13	22				1.1	1.1	1.0	1.0		
15	1387						12	23				0.9	1.0	0.6	0.6		
16	1330						13	23				1.0	1.1	0.5	0.5		
17	1309						11	25				1.1	1.2	0.8	0.9		
18	1272						13	25				1.2	1.3	0.8	0.9		
19	1294						11	24				1.1	1.2	0.7	0.8		
20	1325						12	20				1.3	1.3	1.0	1.1		
21	1331						11	23				0.7	0.7	0.5	0.6	Monthly Water Treatment	
22	1422						12	24				0.9	1.0	0.5	0.6	Total Gallons 38,383,000	
23	1389						11	23				1.0	1.0	0.6	0.6	Max. Day 1,422,000	
24	1387						11	24				1.4	1.4	1.1	1.1	Min. Day 1,036,000	
25	1228						12	24				1.4	1.4	0.6	0.7	Avg. Daily 1,238,161	
26	1133						12	23				1.1	1.2	0.7	0.7	E-Mail To:	
27	1263						11	18				0.8	0.9	0.6	0.7	DWBMR0@idem.in.gov	
28	1346						12	23				1.2	1.2	0.7	0.7	Mail To:	
29	1280						12	24				1.3	1.4	1.0	1.1	Indiana Department of	
30	1365						11	22				1.0	1.1	0.8	0.8	Environmental Management	
31	1369						13	22				0.9	0.9	0.8	0.8	Drinking Water Branch 100 N. Senate Ave. Room N1201 Indianapolis, IN 46204-2237	