MONTHLY REPORT OF OPERATION
OF WATER TREATMENT PLANT
State Form 34609 (R7 / 9-06)

Indiana Deartment of
Environmental Management

System Name: Whitestown South

5206014

For the Month of: January 2017

Alan Melvin

Signed: Daniel Powers

Operator in Charge

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.

WT3 110220
DSM 110219

Indianapolis Road Booster Pump Station

Date	Water Treate	Chemicals Used lbs							
	1000 Gallons	Sodium Hypochlorite	Ammonium Sulfate	Total	Free	pH	Total	Free	pH
1	151	9	5	1.97		8.28	2.5		8.1
2	0	0	0						
3	317	9	4	1.89		8.28	2.45		8.08
4	378	18	9	1.89		8.29	2.32		8.11
5	0	0	0						
6	576	28	14	1.97		8.16	2.46		8.06
7	0	0	0						
8	0	0	0						
9	827	27	18	1.9		8.1	2.35		7.97
10	0	0	0						
11	0	0	0						
12	812	28	9	1.9		8.01	2.32		7.9
13	0	0	0						
14	0	0	0						
15	693	18	10	1.79		7.97	2.17		7.89
16	0	0	0						
17	0	0	0						
18	766	28	13	1.71		7.92	2.09		7.9
19	0	0	0						
20	309	19	9	1.65		7.83	2.04		7.76
21	597	9	5	1.65		7.85	2.01		7.75
22	144	0	4	1.62		7.84	1.98		7.73
23	0	0	0						
24	806	27	9	1.3		7.68	1.85		7.6
25	0	0	0						
26	0	0	0						
27	725	19	14	1.58	0.02	7.8	1.94	0.02	7.68
28	0	0	0						
29	0	0	0						
30	817	37	5	0.84	0.65	7.87	1.82	1.53	7.78
31	202	18	0	0.92	0.73	7.77	1.78	1.54	7.8

Whitestown South Total System Monthly Water Treatment

TotalGal	18,190
Max.Day	1,070
Min.Day	0
Avg.Daily	578

Five Highest Days of Consumption

Date	Indy	Whitestown	Total
2	0	1070	1070
16	0	1000	1000
19	0	990	990
5	0	960	960
23	0	910	910

Five Lowest Days of Consumption

Date	Indy	Whitestown	Total
17	0	0	0
14	0	40	40
25	0	70	70
11	0	140	140
22	144	0	144

Indianapolis Road BPS Monthly Water Treatment

TotalGal	8,120
Max.Day	827
Min.Day	0
Avg.Daily	262

* All parameters are to be expressed in mg/1 except pH and Turbidity

DUE BY THE 10TH OF THE MONTH FOLLOWING THE REPORTING PERIOD

Whitestown Parkway Booster Bump Station

Date	WaterTre	Chemicals Used -- Pounds		Plant Chlorine Residual						Distribution Chlorine Residual				Remarks
				Pre Chlorination			Post Chlorination			Distribution				
	1000 gallons	Sodium Hypochlorite	Ammonium Sulfate	Total	Free	pH	Total	Free	pH	Total	Free	Temp C	pH	
1	0	0	0											On 1/27/17, Whitestown Utility, in
2	1070	57	36	1.86		8.1	2.86		8.1					cordination with CEG, started the
3	0	0	0							0.6		14.9	7.34	annual switch from Chloramines
4	0	0	0							1.51		16.5	7.74	to Free chlorine. This will continue
5	960	46	34	1.94		8.1	2.99		8.1	1.34		16.6	7.66	for 4 to 6 weeks.
6	0	0	0							2.27		16.4	7.75	
7	480	27	16	1.84		8	2.78		8.1					
8	370	21	11	1.82		7.9	2.74		8					
9	0	0	0							2.21		13.4	7.79	
10	790	33	26	1.8		8	2.79		8	1.59		17.9	7.71	
11	140	8	5	1.9		7.9	2.64		8	1.54		18.8	7.72	
12	0	0	0							1.3		16.5	7.76	
13	880	30	26	1.76		8.1	2.39		8.1	1.62		14.3	7.72	
14	40	0	2	1.76		8	2.14		8					
15	0	0	0											
16	1000	19	32	1.56		8	2.5		8					
17	0	0	0							1.38		15.7	7.55	
18	0	0	0							1.48		15.6	7.58	
19	990	13	29	1.72		8	2.26		7.9	1.28		16.8	7.7	
20	80	2	2	1.72		7.9	1.82		7.9	1.68		16.2	7.65	
21	0	0	0											
22	0	0	0											
23	910	23	8	1.62		7.7	2.57		7.8	1.73		15.4	7.43	
24	0	0	0							1.37		14.9	7.52	
25	70	6	2	1.5		7.8	2.61		7.8	1.31		14.6	7.57	
26	790	76	24	1.58		7.7	2.76		7.7	1.44		14.2	7.67	
27	0	0	0							1.37		15.1	7.49	
28	490	48	15	1.58	0.01	7.8	2.56	0.07	7.9					
29	360	34	10	0.72	0.01	7.8	1.53	0.23	7.9					
30	0	0	0							0.87	0.32	15	7.58	
31	650	59	0	0.94	0.66	7.9	1.88	1.56	7.9	0.59	0.09	14.1	7.49	

Whitestown Parkway BPS Monthly Water Treatment

TotalGallons	10,070
Max.Day	1070
Min.Day	0
Avg.Daily	325

Mail to: **Indiana Department of Environmental Management** Drinking Water Branch, MC 66-34
100 North Senate Avenue
Indianapolis, IN 46204-2251

Part of State Form 34609 (R7/9-06)