

ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS - UTILITIES DIVISION
BRADDOCK RUN COMBINED SEWER OVERFLOWS - Monthly Report
State Discharge Permit 95-DP-3144, NPDES Permit MD006707

Month: October Year: 2021

General							Outfall 001		Outfall 002		Outfall 003		Sample Pt Upstream of Overflow					Sample Pt at Overflow					Sample Pt Downstream of Overflow					Comments					
Date	Day of Week	Precipitation (in)	Sampler (Int)	Sample Time (HR:MN)	Observed MH 13A (Y or N)	Adjusted Baffle (Y or N)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)		Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)		
1	Fri				N	N	NF		NF		NF																						
2	Sat				N	N	NF		10		5																						
3	Sun	0.1			N	N	NF		NF		NF																						
4	Mon		FW	7:45	Y	N	NF		NF		NF							70							125							88	
5	Tue				Y	N	NF		NF		NF																						
6	Wed				Y	N	NF		NF		NF																						
7	Thu				N	N	NF		NF		NF																						
8	Fri				Y	N	NF		NF		NF																						
9	Sat				N	N	NF		NF		NF																						
10	Sun				N	N	NF		NF		NF																						
11	Mon				N	N	NF		NF		NF																						
12	Tue				Y	N	NF		NF		NF																						
13	Wed				N	N	NF		NF		NF																						
14	Thu				Y	N	NF		NF		NF																						
15	Fri				Y	N	NF		NF		NF																						
16	Sat	0.1			N	N	NF		NF		NF																						
17	Sun				N	N	NF		NF		NF																						
18	Mon				N	N	NF		NF		NF																						
19	Tue				Y	N	NF		NF		NF																						
20	Wed				Y	N	NF		NF		NF																						
21	Thu	0.1			Y	N	NF		NF		NF																						
22	Fri				N	N	NF		NF		NF																						
23	Sat	0.1			N	N	NF		NF		NF																						
24	Sun				N	N	NF		NF		NF																						
25	Mon	0.1			Y	N	NF		NF		NF																						
26	Tue				N	N	NF		NF		NF																						
27	Wed				N	N	NF		NF		NF																						
28	Thu	0.5			N	N	NF		NF		NF																						
29	Fri	1.8			Y	Y	3	21,000	NF		NF																						CSO due to rain
30	Sat	0.1			Y	N	NF		12	346,000	7	187,000																					CSO due to rain
31	Sun				N	N	NF		NF		NF																						
Total		2.9						21,000		346,000		187,000																					
Average		0.09						677		11,161		6,032																					

Comments: _____

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2. Observed MH 13A (Y or N) - Manhole 13A is observed to regulate the baffle, it shall be observed a minimum of one (1) time a day during wet weather and a minimum of one (1) time a week during dry weather (Y - Yes, N - No)
3. Adjusted Baffle (Y or N) - Baffle is adjusted to maximize flow to the pumping station and to prevent hydraulic backup of customers' services and will be adjusted according to the observed manhole.
4. Samples will not be taken on Fridays, weekends, after 1:00 PM, observed holidays or the day prior to an observed holiday. Otherwise, samples will be taken per each occurrence. Additional sample(s) of an occurrence will be taken if the occurrence lasts longer than one (1) week and is still flowing on the next regular work day (i.e., Monday or Tuesday, which ever is not an observed holiday).

ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS - UTILITIES DIVISION
BRADDOCK RUN COMBINED SEWER OVERFLOWS - Monthly Report
State Discharge Permit 95-DP-3144, NPDES Permit MD006707

Month: September Year: 2021

General							Outfall 001		Outfall 002		Outfall 003		Sample Pt Upstream of Overflow						Sample Pt at Overflow						Sample Pt Downstream of Overflow						Comments		
Date	Day of Week	Precipitation (in)	Sampler (Int)	Sample Time (HR:MIN)	Observed MH 13A (Y or N)	Adjusted Baffle (Y or N)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)			
1	Sun	4.0			Y	Y	2	446,000	NF		NF																						CSO due to rain
2	Mon				Y	Y	NF			436,000	10	2,391,000																					CSO due to rain
3	Tue				Y	N	NF				NF																						
4	Wed				N	N	NF				NF																						
5	Thu				N	N	NF				NF																						
6	Fri				N	N	NF				NF																						
7	Sat		FW	7:35	Y	N	NF				NF							44							60								
8	Sun				N	N	NF				NF																						
9	Mon				Y	N	NF				NF																						
10	Tue				Y	N	NF				NF																						
11	Wed				N	N	NF				NF																						
12	Thu				N	N	NF				NF																						
13	Fri				N	N	NF				NF																						
14	Sat				N	N	NF				NF																						
15	Sun				N	N	NF				NF																						
16	Mon				Y	N	NF				NF																						
17	Tue				Y	N	NF				NF																						
18	Wed				N	N	NF				NF																						
19	Thu				N	N	NF				NF																						
20	Fri				N	N	NF				NF																						
21	Sat	1.0			N	N	NF				NF																						
22	Sun	1.5			Y	Y	NF				11	2,000																					CSO due to rain
23	Mon				Y	Y	NF				11	87,000																					CSO due to rain
24	Tue				Y	N	NF				NF																						
25	Wed				N	N	NF				NF																						
26	Thu				N	N	NF				NF																						
27	Fri	0.1			N	N	NF				NF																						
28	Sat		SB	9:30	Y	Y	NF				NF							1,011							961								1,011
29	Sun				Y	Y	NF				NF																						
30	Mon				N	N	NF				NF																						
Total		6.6						446,000		525,000		2,623,000																					
Average		0.22						14,867		17,500		87,433																					

Comments: _____

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ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS - UTILITIES DIVISION
BRADDOCK RUN COMBINED SEWER OVERFLOWS - Monthly Report
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Month: August Year: 2021

General							Outfall 001		Outfall 002		Outfall 003		Sample Pt Upstream of Overflow					Sample Pt at Overflow					Sample Pt Downstream of Overflow					Comments										
Date	Day of Week	Precipitation (in)	Sampler (Int)	Sample Time (HR:MN)	Observed MH 13A (Y or N)	Adjusted Baffle (Y or N)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E. Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E. Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)		Phosphorus (mg/l)	Total Nitrogen (mg/l)	E. Coli (MPN/100ML)							
1	Sun				N	N	NF		NF		NF																											
2	Mon				N	N	NF		NF		NF																											
3	Tue				Y	N	NF		NF		NF																											
4	Wed				N	N	NF		NF		NF																											
5	Thu				Y	N	NF		NF		NF																											
6	Fri				Y	N	NF		NF		NF																											
7	Sat				N	N	NF		NF		NF																											
8	Sun				N	N	NF		NF		NF																											
9	Mon				N	N	NF		NF		NF																											
10	Tue				Y	N	NF		NF		NF																											
11	Wed				N	N	NF		NF		NF																											
12	Thu				Y	N	NF		NF		NF																											
13	Fri				Y	N	NF		NF		NF																											
14	Sat	0.1			N	N	NF		NF		NF																											
15	Sun				N	N	NF		NF		NF																											
16	Mon	0.9			Y	Y	NF		NF		NF																											
17	Tue	0.2			Y	Y	NF		8	36,000	NF																											CSO due to rain
18	Wed	1.5			Y	Y	NF		8	0	NF																											CSO due to rain
19	Thu				Y	N	NF		8	77,000	3	1,171,000																										CSO due to rain
20	Fri	0.1			Y	N	NF		8	0	3	0																										CSO due to rain
21	Sat	0.3			N	N	NF		8	0	3	0																										CSO due to rain
22	Sun				N	N	NF		8	30,000	3	325,000																										CSO due to rain
23	Mon		FW	8:10	N	N	NF		NF		NF							26							37												48	
24	Tue				Y	N	NF		NF		NF																											
25	Wed	0.2			N	N	NF		NF		NF																											
26	Thu				N	N	NF		NF		NF																											
27	Fri				Y	N	NF		NF		NF																											
28	Sat	1.6			Y	Y	NF		NF		NF																											
29	Sun				Y	Y	NF		9	102,000	4	280,000																										CSO due to rain
30	Mon				Y	N	NF		NF		NF																											
31	Tue	1.0			Y	N	NF		NF		NF																											
Total		5.9						0		245,000		1,776,000																										
Average		0.19						0		7,903		57,290																										

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Month: Julv Year: 2021

General							Outfall 001		Outfall 002		Outfall 003		Sample Pt Upstream of Overflow					Sample Pt at Overflow					Sample Pt Downstream of Overflow					Comments													
Date	Day of Week	Precipitation (in)	Sampler (Int)	Sample Time (HR:MN)	Observed MH 13A (Y or N)	Adjusted Baffle (Y or N)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)		Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)										
1	Thu				Y	N	NF		NF		NF																														
2	Fri				Y	N	NF		NF		NF																														
3	Sat				N	N	NF		NF		NF																														
4	Sun	0.3			N	N	NF		NF		NF																														
5	Mon				N	N	NF		6	6,000	NF																													CSO due to rain	
6	Tue				Y	N	NF		NF		NF																														
7	Wed				Y	N	NF		NF		NF																														
8	Thu	0.2			Y	N	NF		NF		NF																														
9	Fri				Y	N	NF		NF		NF																														
10	Sat				N	N	NF		NF		NF																														
11	Sun	0.4			N	N	NF		NF		NF																														
12	Mon				N	N	NF		7	8,000	NF																														CSO due to rain
13	Tue				N	N	NF		NF		NF																														
14	Wed				Y	N	NF		NF		NF																														
15	Thu				N	N	NF		NF		NF																														
16	Fri				Y	N	NF		NF		NF																														
17	Sat				N	N	NF		NF		NF																														
18	Sun				N	N	NF		NF		NF																														
19	Mon				Y	N	NF		NF		NF																														
20	Tue				Y	N	NF		NF		NF																														
21	Wed				Y	N	NF		NF		NF																														
22	Thu				N	N	NF		NF		NF																														
23	Fri				Y	N	NF		NF		NF																														
24	Sat				N	N	NF		NF		NF																														
25	Sun				N	N	NF		NF		NF																														
26	Mon				N	N	NF		NF		NF																														
27	Tue				Y	N	NF		NF		NF																														
28	Wed				Y	N	NF		NF		NF																														
29	Thu				Y	N	NF		NF		NF																														
30	Fri				Y	N	NF		NF		NF																														
31	Sat				N	N	NF		NF		NF																														
Total		0.9						0		14,000		0																													
Average		0.03						0		452		0																													

Comments: _____

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Month: June Year: 2021

General							Outfall 001		Outfall 002		Outfall 003		Sample Pt Upstream of Overflow					Sample Pt at Overflow					Sample Pt Downstream of Overflow					Comments								
Date	Day of Week	Precipitation (in)	Sampler (Int)	Sample Time (HR:MN)	Observed MH 13A (Y or N)	Adjusted Baffle (Y or N)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Occurrence # (#, NF or P)	Estimated Flow (gallons)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)	Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)	Ammonia -N (mg/l)	BOD5 (mg/l)	Total Sus. Solids (mg/l)		Phosphorus (mg/l)	Total Nitrogen (mg/l)	E Coli (MPN/100ML)					
1	Tue				N	N	NF																													
2	Wed				N	N	NF																													
3	Thu	0.1			Y	N	NF																													
4	Fri				Y	N	NF																													
5	Sat				N	N	NF																													
6	Sun				N	N	NF																													
7	Mon				Y	N	NF																													
8	Tue				N	N	NF																													
9	Wed				N	N	NF																													
10	Thu	0.4			Y	N	NF																													
11	Fri	0.1			Y	N	NF																													
12	Sat				N	N	NF																													
13	Sun				N	N	NF																													
14	Mon	0.1			N	N	NF																													
15	Tue				Y	N	NF																													
16	Wed				N	N	NF																													
17	Thu				N	N	NF																													
18	Fri				Y	N	NF																													
19	Sat				N	N	NF																													
20	Sun				N	N	NF																													
21	Mon	0.2			N	N	NF																													
22	Tue	0.1			N	N	NF																													
23	Wed				Y	N	NF																													
24	Thu				Y	N	NF																													
25	Fri				Y	N	NF																													
26	Sat				N	N	NF																													
27	Sun				N	N	NF																													
28	Mon	1.4			Y	N	NF																													
29	Tue				N	N	NF		5	20,000	2	311,000																							CSO due to rain	
30	Wed	0.1			N	N	NF																													
Total		2.5						0		20,000		311,000																								
Average		0.08						0		667		10,367																								

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