

ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS - UTILITIES DIVISION
BRADDOCK RUN COMBINED SEWER OVERFLOWS - Monthly Report
State Discharge Permit 95-DP-3144; NPDES Permit MD006707
October 2024

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	0.5			Y	Y	NF		13	140,000	14	932,000																			CSO due to rainfall
2	Wed	0.0			Y	Y	NF		13	140,000	14	1,340,500																			Continued event
3	Thu	0.0			Y	N	NF		NF		14	282,500																			Continued event
4	Fri	0.0			N	N	NF		NF		NF																				
5	Sat	0.0			N	N	NF		NF		NF																				
6	Sun	0.0			N	N	NF		NF		NF																				
7	Mon	0.0			N	N	NF		NF		NF																				
8	Tue	0.0	EP	7:15	N	N	NF		NF		NF							186							219						299
9	Wed	0.0			Y	N	NF		NF		NF																				
10	Thu	0.0			N	N	NF		NF		NF																				
11	Fri	0.0			Y	N	NF		NF		NF																				
12	Sat	0.0			N	N	NF		NF		NF																				
13	Sun	0.0			N	N	NF		NF		NF																				
14	Mon	0.0			Y	N	NF		NF		NF																				
15	Tue	0.0			N	N	NF		NF		NF																				
16	Wed	0.0			N	N	NF		NF		NF																				
17	Thu	0.0			N	N	NF		NF		NF																				
18	Fri	0.0			N	N	NF		NF		NF																				
19	Sat	0.0			N	N	NF		NF		NF																				
20	Sun	0.0			N	N	NF		NF		NF																				
21	Mon	0.0			N	N	NF		NF		NF																				
22	Tue	0.0			N	N	NF		NF		NF																				
23	Wed	0.0			N	N	NF		NF		NF																				
24	Thu	0.0			N	N	NF		NF		NF																				
25	Fri	0.0			N	N	NF		NF		NF																				
26	Sat	0.0			N	N	NF		NF		NF																				
27	Sun	0.0			N	N	NF		NF		NF																				
28	Mon	0.0			Y	N	NF		NF		NF																				
29	Tue	0.0			N	N	NF		NF		NF																				
30	Wed	0.0			N	N	NF		NF		NF																				
31	Thu	0.0			N	N	NF		NF		NF																				
Total		0.5						0		280,000		2,555,000																			
Average		0.02						0		9,333		85,167																			

Comments: A new demo meter has been installed for Outfall 002. We are working with the rep on ensuring accuracy of data. Volumes shown are estimated.

- Note 1. Occurrence # (#, NF or P) - An occurrence is from the time the flow from the CSO begins to the time the flow stops (i.e.. uninterrupted discharge). Occurrence #s will be cumulative and reset every year (# - occurrence number, NF - No Flow, P - Plugged)
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
February 2025

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 Sat					N	N	NF		NF		NF																				
2 Sun					N	N	NF		NF		NF																				
3 Mon					N	N	NF		NF		NF																				
4 Tue					N	N	NF		NF		NF																				
5 Wed					N	N	NF		NF		NF																				
6 Thu	1.5				Y	Y	1	26,000	1	66,750	NF																				CSO due to rainfall
7 Fri					Y	Y	NF		NF		1	710,000																			CSO due to rainfall
8 Sat	0.5				Y	N	1	23,250	1	56,000	1	211,750																			Continued event
9 Sun					N	N	NF		1	21,500	1	179,000																			Continued event
10 Mon					Y	N	NF		NF		1	38,500																			Continued event
11 Tue					N	N	NF		NF		NF																				3" snow
12 Wed					N	N	NF		NF		NF																				
13 Thu					N	N	NF		NF		NF																				
14 Fri					N	N	NF		NF		NF																				
15 Sat					N	N	NF		NF		NF																				3" snow
16 Sun					Y	Y	NF		2	183,500	NF																				CSO due to snow melt; 1" snow
17 Mon					Y	Y	NF		NF		2	269,500																			CSO due to snow melt; 1" snow
18 Tue					N	N	NF		NF		2	405,500																			Continued event
19 Wed					N	N	NF		NF		NF																				
20 Thu					N	N	NF		NF		NF																				
21 Fri					N	N	NF		NF		NF																				
22 Sat					N	N	NF		NF		NF																				
23 Sun					N	N	NF		NF		NF																				
24 Mon		EP		7:15	N	N	NF		NF		NF							727						1,553						1,046	
25 Tue					N	N	NF		NF		NF																				
26 Wed					N	N	NF		NF		NF																				
27 Thu					N	N	NF		NF		NF																				
28 Fri					N	N	NF		NF		NF																				
Total		2.0						49,250		327,750		1,814,250																			
Average		0.07						1,642		10,925		60,475																			

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
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May 2025

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	1.0			Y	N	NF																								
2	Fri	0.0			N	N	NF																								
3	Sat	0.3			N	N	NF																								
4	Sun	0.3			N	N	NF																								
5	Mon	0.7			Y	N	NF		3	48,000	3	48,000																			
6	Tue	0.1			Y	N	NF																								
7	Wed	0.0			N	N	NF																								
8	Thu	0.5			N	N	NF																								
9	Fri	0			N	N	NF																								
10	Sat	0.0			N	N	NF																								
11	Sun	0.0			N	N	NF																								
12	Mon	0.6			Y	Y	NF		4	48,000	4	48,000																			
13	Tue	5.0			Y	N	2	1,329,000	4	144,000	4	144,000																			
14	Wed	0.1			Y	N	2	74,000	4	144,000	4	144,000																			
15	Thu	0.0			Y	N	NF		4	144,000	4	144,000																			
16	Fri	0.1			Y	N	NF		4	144,000	4	144,000																			
17	Sat	0.0			N	N	NF		4	144,000	4	144,000																			
18	Sun	0			N	N	NF		4	144,000	4	144,000																			
19	Mon	0			Y	Y	NF		4	144,000	4	144,000																			
20	Tue	0.1			N	N	NF																								
21	Wed	1.1			N	N	NF																								
22	Thu	0.1			Y	N	NF																								
23	Fri	0.0			Y	N	NF																								
24	Sat	0.0			N	N	NF																								
25	Sun	0.0			N	N	NF																								
26	Mon	0.0			N	N	NF																								
27	Tue	1.5			N	N	NF																								
28	Wed	0.5			Y	Y	3	16,000	5	144,000	5	144,000																			
29	Thu	0			Y	Y	NF																								
30	Fri	1.0			Y	Y	NF		6	48,000	6	48,000																			
31	Sat	0.5			N	N	NF																								
Total		13.5						1,419,000		1,296,000		1,296,000																			
Average		0.45						47,300		43,200		43,200																			

Comments: Flow meters at outfalls 2 and 3 are not functioning and will be replaced. A replacement for one was ordered prior to May and has since been installed. The other was dislodged and damaged during the 5/13/25 flood event. A replacement has been ordered. Volumes shown are estim

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