**ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS - UTILITIES DIVISION**

Month: May Year: 2019

**BRADDOCK RUN COMBINED SEWER OVERFLOWS - Monthly Report**

**State Discharge Permit 95-DP-3144, NPDES Permit MD006707**

| General | | | | | | | Outfall 001 | | Outfall 002 | | Outfall 003 | | Sample Pt Upstream of Overflow | | | | | | Sample Pt at Overflow | | | | | | Sample Pt Downstream of Overflow | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 Nitorgen (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) | Comments |
| 1 | Wed | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 2 | Thu | | | | Y | Y | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 3 | Fri | 0.8 | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 4 | Sat | 0.2 | | | Y | Y | NF | | 15 | 39,000 | 7 | 683,000 | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 5 | Sun | 0.5 | | | Y | Y | NF | | 15 | 0 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 6 | Mon | | | | Y | Y | 5 | 274,000 | 15 | 865,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 7 | Tue | | | | N | N | NF | | 15 | 310,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 8 | Wed | | FW | 7:40 | Y | N | NF | | 15 | 28,000 | NF | | | | | | | 172 | | | | | | 183 | | | | | | 205 | CSO due to rain |
| 9 | Thu | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 10 | Fri | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 11 | Sat | 0.6 | | | N | N | NF | | 16 | 10,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 12 | Sun | 0.4 | | | Y | Y | NF | | 16 | 21,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 13 | Mon | 0.4 | FW | 7:35 | Y | N | 6 | 378,000 | 16 | 959,000 | 8 | 2,209,000 | 0.37 | 3.3 | 13 | 0.19 | 2.68 | 2,420 | 0.1 | 1.4 | 7 | 0.04 | 3.97 | 2,420 | 0.35 | 2.2 | 13 | 0.16 | 2.55 | 2,420 | CSO due to rain |
| 14 | Tue | | | | Y | N | 6 | 22,000 | 16 | 876,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 15 | Wed | | | | Y | Y | NF | | 16 | 263,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 16 | Thu | | | | N | N | NF | | 16 | 98,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 17 | Fri | | | | Y | Y | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 18 | Sat | | | | N | N | NF | | 17 | 14,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 19 | Sun | 0.3 | | | N | N | NF | | 17 | 0 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 20 | Mon | | FW | 7:50 | Y | Y | NF | | 17 | 39,000 | NF | | | | | | | 2,420 | | | | | | 2,420 | | | | | | 816 | CSO due to rain |
| 21 | Tue | | | | N | N | NF | | 17 | 10,000 | NF | | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 22 | Wed | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 23 | Thu | 0.1 | | | Y | Y | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 24 | Fri | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 25 | Sat | 0.1 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 26 | Sun | 0.3 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 27 | Mon | 0.1 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 28 | Tue | | FW | 7:45 | Y | N | NF | | NF | | NF | | | | | | | 1,046 | | | | | | 2,420 | | | | | | 2,420 | |
| 29 | Wed | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 30 | Thu | 0.1 | | | Y | Y | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| 31 | Fri | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | | |
| Total | | 3.9 | | | | | | 674,000 | | 3,532,000 | | 2,892,000 | | | | | | | | | | | | | | | | | | | | |
| Average | | 0.13 | | | | | | 21,742 | | 113,935 | | 93,290 | | | | | | | | | | | | | | | | | | | | |

Comments: _____

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**

Month: June Year: 2019

| General | | | | | | | Outfall 001 | | Outfall 002 | | Outfall 003 | | Sample Pt Upstream of Overflow | | | | | | Sample Pt at Overflow | | | | | | Sample Pt Downstream of Overflow | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 Nitorgen (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) | Comments |
| 1 | Sat | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 2 | Sun | 0.1 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 3 | Mon | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 4 | Tue | | FW | 7:45 | Y | N | NF | | NF | | NF | | | | | | | 2,420 | | | | | | 517 | | | | | | 548 | |
| 5 | Wed | 0.2 | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 6 | Thu | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 7 | Fri | | | | Y | N | NF | | NF | | 9 | 32,000 | | | | | | | | | | | | | | | | | | CSO due to rain |
| 8 | Sat | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 9 | Sun | 0.4 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 10 | Mon | 0.2 | FW | 9:25 | Y | N | NF | | NF | | NF | | | | | | | 2,420 | | | | | | 2,420 | | | | | | 2,420 | |
| 11 | Tue | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 12 | Wed | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 13 | Thu | 0.3 | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 14 | Fri | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 15 | Sat | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 16 | Sun | 0.4 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 17 | Mon | | FW | 7:30 | Y | Y | NF | | NF | | NF | | | | | | | 2,420 | | | | | | 1,986 | | | | | | 2,420 | |
| 18 | Tue | 0.1 | | | Y | Y | NF | | 18 | 58,000 | 10 | 606,000 | | | | | | | | | | | | | | | | | | CSO due to rain |
| 19 | Wed | | | | Y | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 20 | Thu | 0.2 | | | Y | 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 | 0.3 | FW | 7:30 | Y | Y | NF | | NF | | NF | | | | | | | 308 | | | | | | 345 | | | | | | 365 | |
| 25 | Tue | | | | Y | N | NF | | 19 | 59,000 | 11 | 157,000 | | | | | | | | | | | | | | | | | | CSO due to rain |
| 26 | Wed | | | | N | N | NF | | 19 | 28,000 | NF | | | | | | | | | | | | | | | | | | | CSO due to rain |
| 27 | Thu | 0.1 | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 28 | Fri | | | | N | N | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 29 | Sat | 0.3 | | | N | Y | NF | | NF | | NF | | | | | | | | | | | | | | | | | | | |
| 30 | Sun | | | | Y | Y | NF | | NF | | 12 | 263,000 | | | | | | | | | | | | | | | | | | CSO due to rain |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | 2.6 | | | | | | 0 | | 145,000 | | 1,058,000 | | | | | | | | | | | | | | | | | | |
| Average | | 0.09 | | | | | | 0 | | 4,833 | | 35,267 | | | | | | | | | | | | | | | | | | |

Comments: _____

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).