

Village of Delta Annual CSO Notification

The village currently has 4 Combined Sewer Overflow (CSO) locations:

- 2PB00003004 Adrian St lift station Lat 41N 34' 05"; Long 84W 00' 06"
- 2PB00003006 Ketch-a-bite Lat 41N 34' 58"; Long 84W 00' 52"
- 2PB00003010 Snakepit at railroad Lat 41N 34' 25"; Long 84W 00' 37"
- 2PB00003014 Storm detention basin Lat 41N 34' 28"; Long 83W 59' 41"

All 4 CSO's discharge into Bad Creek.

The Storm detention basin provides aeration and settling treatment

The Village had 4 CSO events in 2020. There were no known public access areas impacted by these events. The sewer separation projects on Superior, Lincoln, and Providence streets along with the installation of the storm water detention basin has had a tremendous effect on the Village's CSO discharges both in quantity and duration. The basin captures most storm runoff events only discharging when there have been significant amounts of precipitation. The quality of the water being discharged has also improved. Because of the settling that takes place in the basin when it does discharge the strength of the sewage has been greatly diminished.

CSO discharge events:

| Start date | End date | CSO location | Quantity of discharge | Cause | Precipitation amount in inches |
|------------|-----------|--------------|-----------------------|---------------|--------------------------------|
| 1/12/2020 | 1/13/2020 | 2PB00003014 | 0.04 MG | Precipitation | 3.28 |
| 1/25/2020 | 1/26/2020 | 2PB00003014 | 0.01 MG | Precipitation | 1.43 |

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|------------|------------|-------------|----------|---------------|------|
| 03/28/2020 | 03/30/2020 | 2PB00003014 | 0.044 MG | Precipitation | 1.97 |
| 05/19/2020 | 05/21/2020 | 2PB00003014 | 0.107 MG | Precipitation | 2.74 |

2020 CSO discharges averaged a CBOD of 14.0 mg/L and Suspended Solids of 132 mg/L. These discharge averages are drastically below the typical Raw Influent levels. The Village's Long-Term Control Plan has now been fully implemented. CSO discharges are only expected to occur after significant amounts of precipitation. Typically, this is expected to be in excess of 2.5 inches of precipitation in a short period, or several continuous days of significant precipitation.

Contact information
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