

Priorities for eliminating sample sites from TMDL sampling list through Fecal and D.O. sampling results and determining areas for further investigation.

- A fecal hit is determined if results yield over 400 CFU/100mL in the summer months and over 2000 CFU/100mL in winter months
- A D.O. hit is determined by averaging the D.O. reading over four quarters of sampling. Average D.O. results yielding results that are below or above the value of 4.0 MG/L to 9.0 MG/L will be considered as a D.O. area for further investigation.

Area for further investigation

- Fecal areas for further investigation are determined using the parameters listed above, if the sample site yields one hit from the quarterly TMDL sampling, the site will be resampled and if the second sample results yields no fecal coliform the site is eliminated from the sample list. If the second set of results yields a hit for fecal coliform the site becomes an area for further investigation. If the sample site yields two hits from the quarterly TMDL sampling it is tagged as an area for further investigation. An investigation will be initiated to determine what discharges into the canal and what NPDES sites discharges into the canal.
- D.O. areas for further investigations are determined using the parameters listed above. If the average D.O. of a quarterly sampling site yields results below or above the standard value of 4.0 MG/L to 9.0 MG/L the site will be tagged as a D.O. area for further investigation and place on a watch list.