

Whitemud Creek Water Quality Data

Open Water Sampling Season 2019



> An east-facing view of Whitemud Creek in Edmonton, Alberta

CreekWatch is a program of the non-profit RiverWatch Institute of Alberta, specializing in community-based environmental monitoring and award-winning science education for twenty-five years. This 2019 Report shares our findings with the public, governments, and water quality professionals to collaboratively work towards the base-line monitoring and improvement of our urban creeks in Alberta.

This annual CreekWatch Report examines the state of Edmonton’s Whitemud Creek based on the water quality data collected with the assistance of community-based environmental monitoring groups and water quality technicians. You can view a snapshot of data in the attached graphs generated by the RiverWatch online and responsive [graphing tool](#). Thank you to all of our dedicated volunteers and funders who have made this sampling season possible – we couldn’t have done it without you!

Whitemud Creek By-the-Numbers April – October 2019

| | |
|-------------------------------|-----|
| Number of Sampling Events | 13 |
| Number of Data Points | 145 |
| Number of Stormwater Outfalls | 16 |

Whitemud Creek Water Quality Data April – October 2019 Median Values

| Parameter | Median Value |
|-------------------------|--------------|
| Dissolved Oxygen (mg/L) | 6.2 |
| Water Temperature (°C) | 17 |
| Turbidity (NTU) | 35 |
| pH | 7.9 |
| Ammonia Nitrogen (mg/L) | 0.13 |
| Phosphorus (mg/L) | 0.60 |
| Chloride (mg/L) | 73 |

