



Physical and chemical analysis

Site Name: Swan Lake

Persons Monitoring: Claire Fitzpatrick & Steve Martin

Date and time of Monitoring: 5/1/22 17:15

Parameter	Calibrated	Reading	Comments
Ammonium		— Mg/L	
Dissolved Oxygen		> 10 Mg/L	Water ribbons/aquatic plants growing around lake edges
Temperature (WATER)		22 °C	
Temperature (AIR)		21.5 °C	At approx 17:15
pH		8.4 Unit	
Electrical Conductivity		4220 µS/cm	
Reactive Phosphate		0 Mg/L	May be 0.005
Turbidity		< 10 NTU	

Comments/Observations

Swan Lake 5/1/22

Waterway Information

Weather:

- Sunny Overcast Windy
 Cloudy Rainy

Rainfall:

- More Than a week ago During the last 24 hours
 During the last week Raining now
Amount of rain: _____ mm

insignificant drizzle to day

Water flow:

- FLOOD/OVERBANK: Flow is high and water level has exceeded bank capacity and is connecting with floodplain
 BANK FULL: High flow within channel capacity and in-stream habitats connected
 HIGH: Less than bank full and in-stream habitats connected
 MEDIUM: Flow is normal/typical average flow
 LOW: Minimum flow in channel/continuous flow in some part of channel (in-stream habitats connected)
 DRY: No continuous flow in channel and no pools
 POOLS: No continuous flow in channel and intermittent pools (in-stream habitats not connected)
 STAGNANT: no continuous flow in channel but channel continuous (in-stream habitats connected)
 PERMANENT: Wetlands and lakes

Water Appearance:

- Clear Muddy
 Scummy Milky
 Smelly Oily
 Foamy/ Frothy Stained green
 Stained brown Other (Description)

very clear water

Stream Depth and Width:

Depth

- 0-50cm 51-99cm 1-2m >2m Other

Width

- <2m 2-5m >5m Unknown Other