



Physical and chemical analysis

Site Name: Swan Lake

Persons Monitoring: Steve Martin & Claire Fitzpatrick

Date and time of Monitoring: 7/2/22 18:10

Parameter	Calibrated	Reading	Comments
Ammonium		— Mg/L	
Dissolved Oxygen		> 10 Mg/L	
Temperature (WATER)		25.5 °C	
Temperature (AIR)		22.5 °C	
pH		9.9 Unit	Double checked Recal'd pH meter & checked again.
Electrical Conductivity		4860 µS/cm	
Reactive Phosphate		0.01 Mg/L	
Turbidity		< 10 NTU	

Comments/Observations

Swan Lake 7/2/22

Waterway Information

Weather:

- Sunny
- Overcast
- Cloudy
- Rainy

Windy (annoyingly)

Rainfall:

- More Than a week ago
 - During the last week
 - During the last 24 hours
 - Raining now
- Amount of rain: 0.4 mm

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
- Scummy - surface, near waters edge.
- Smelly
- Foamy/ Frothy
- Stained brown
- Muddy
- Milky
- Oilv
- Stained green
- Other (Description)

Stream Depth and Width:

Depth

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

Width

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

Lake