



Physical and chemical analysis

Site Name: Swan Lake

Persons Monitoring: Clare Fitzpatrick & Steve Mark

Date and time of Monitoring: 28/11/21 18:45

Parameter	Calibrated	Reading	Comments
Ammonium			Mg/L
Dissolved Oxygen		8	Mg/L
Temperature (WATER)		20.5	°C
Temperature (AIR)		17	°C
pH		8.4	Unit
Electrical Conductivity		3270	µS/cm
Reactive Phosphate		0.03	Mg/L
Turbidity		410	NTU

Comments/Observations

Lake level higher than in previous readings

Swan Lake 28/11/21

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: 1.2 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 Muddy
 Scummy Milky
 Smelly Oily
 Foamy/ Frothy Stained green
 Stained brown Other (Description)

A little bit of algae, water ribbon growth at edge

Stream Depth and Width:

Depth

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

Width

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

} Lake