



Physical and chemical analysis

Site Name: Swan Lake overflow

Persons Monitoring: Steve Martin & Claire Fitzpatrick

Date and time of Monitoring: 28/11/21 17:45

Parameter	Calibrated	Reading	Comments
Ammonium		— Mg/L	
Dissolved Oxygen		10 Mg/L	
Temperature (WATER)		21 °C	
Temperature (AIR)		19 °C	
pH		7.4 Unit	1
Electrical Conductivity		2960 µS/cm	
Reactive Phosphate		0.10 Mg/L	
Turbidity		<10 NTU	

Comments/Observations

Lake was overflowing when sampling (no obvious flow)

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)

Algae growing in overflow channel/pool. Water level high. Water Ribbons (Triglocha spp.) appear to have grown since last time.

Stream Depth and Width:

Depth

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

Width

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

wetland.