



## Physical and chemical analysis

Site Name: Swan Lake Outflow

Persons Monitoring: Claire Fitzpatrick & Steve Martin

Date and time of Monitoring: 5/1/22 16:30

Parameter	Calibrated	Reading	Comments
Ammonium		— Mg/L	
Dissolved Oxygen		>10 Mg/L	Water ribbons/aquatic plant grown.
Temperature (WATER)		21.5 °C	
Temperature (AIR)		21.5 °C	At approx 16:30
pH		7.1 Unit	
Electrical Conductivity		3960 μS/cm	
Reactive Phosphate		0.20 Mg/L	
Turbidity		<10 NTU	

Comments/Observations

## 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 today

### 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)

### Stream Depth and Width:

#### Depth

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

#### Width

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