



Physical and chemical analysis

Site Name: Swan Lake Overflow

Persons Monitoring: Claire & Steve Martin
Fitzpatrick

Date and time of Monitoring: 7/2/22 17:15
Fitzpatrick Martin

Parameter	Calibrated	Reading	Comments
Ammonium		— Mg/L	—
Dissolved Oxygen		>10 Mg/L	
Temperature (WATER)		26 °C	
Temperature (AIR)		25.5 °C	
pH		8.0 Unit	
Electrical Conductivity		4680 µS/cm	
Reactive Phosphate		0.01 Mg/L	
Turbidity		2.3 NTU	

Comments/Observations

Swan Lake overflow 7/2/22

Waterway Information

Weather:

- ☒ Sunny
☐ Cloudy

- ☐ Overcast
☐ Rainy

- ☒ Windy

Rainfall:

- ☐ More Than a week ago
☒ During the last week
Amount of rain: 0.4 mm

- ☐ During the last 24 hours
☐ Raining now

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
☒ Smelly
☐ Foamy/ Frothy
☒ Stained brown

- ☒ Muddy
☐ Milky
☐ Oily
☐ Stained green
☐ Other (Description)

Sampling had a number of ibis nearby. Faeces from birds floating on water. Water level a bit lower. Water ribbons healthy. Some invertebrates observed. Noticeable bird poo odour.

Stream Depth and Width:

Depth

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

Width

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

Lake