



phillip
nature parks

Physical and chemical analysis

Site Name: Swan Lake Overflow

Persons Monitoring: Steve Martin & Claire Fitzpatrick

Date and time of Monitoring: 2/4/22 14:30

Parameter	Calibrated	Reading	Comments
Ammonium		— Mg/L	
Dissolved Oxygen		> 10 Mg/L	
Temperature (WATER)		20.0 °C	
Temperature (AIR)		20.0 °C	
pH		8.0 Unit	
Electrical Conductivity		5720 µS/cm	
Reactive Phosphate		0.03 Mg/L	
Turbidity		< 10 NTU	

Comments/Observations

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Waterway Information

Weather:

- ☒ Sunny
☐ Cloudy

- ☐ Overcast
☐ Rainy

- ☒ Windy

Rainfall:

- ☒ More Than a week ago
☐ During the last week

- ☐ During the last 24 hours
☐ Raining now

Amount of rain: 0 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
☐ Smelly
☐ Foamy/ Frothy
☒ Stained brown

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

Algae on leaves, a lot of fine ~~st~~ organic sediment on bottom of lake.

Magpie goose??

Stream Depth and Width:

Depth

☐ 0-50cm

☐ 51-99cm

☐ 1-2m

☐ >2m

☒ Other

Width

☐ <2m

☐ 2-5m

☐ >5m

☐ Unknown

☒ Other

permanent lake