

Chain of Ponds

Water Quality Data Form

Site: Yellert Hill Wetland Nature Reserve
Chain of Ponds

Date: 30 Oct 22

Monitoring group:

Time: 10.30 a.m.

Persons monitoring:

Circumstantial Hazard or Additional Risks

Hazard:

Risk:


Risk Control Measures:

Safety Check

Has anything changed at your site recently?

Are there extreme weat conditions?

Any animals or insects nearby that pose a risk?



Parameter		Reading
Ammonium		<u>00</u> mg / L
Dissolved Oxygen	(Use data portal to auto calculate % saturation)	<u>2.0</u> 1.0 mg / L
Water Temperature		<u>18</u> ° C
Air Temperature		<u>15</u> ° C
pH	<input checked="" type="checkbox"/> Calibrated	<u>6.4</u> Unit
Electroconductivity	<input checked="" type="checkbox"/> Calibrated	<u>250</u> 250 µS / cm
Phosphate	(for colorimeter use conversion on data portal, or divide by 0.326 to calculate PO4-P mg/L)	<u>0.17</u> mg / L

YWR - Chem of
Pool
30 Oct 27

Parameter		Reading
Turbidity		15 NTU
Nitrate		mg / L

Comments:

YORK
Chain of Ponds
30 Oct 22

Observations

Weather

- Condition:
- Sunny
 - Cloudy
 - Overcast
 - Raining
 - Windy

Rainfall

- Last Rainfall:
- More than a week ago
 - During the last week
 - During the last 24 hours
 - Raining now

Amount of rain (mm):

Water Flow

Flow Indicator (ML/Day):

- Estimate of flow:
- Flood / overbank
 - Bankfull
 - High
 - Medium
 - Low

Water Appearance

- Clear
- Stained brown
- Stained green
- Scummy
- Muddy
- Smelly
- Milky
- Foamy / frothy
- Oily

Other:

- Stream Depth:
- 0-50cm
 - 51cm - 99cm
 - 1m - 2m
 - Other

- Stream Width:
- <2m
 - 2 - 5m
 - >5m
 - Other

2-5 metres

Drains

YWR.
Chain of Ponds

30 Oct 22

Is water flowing from drain? *NO*

Colour

Odour

Litter Pollutants *None Observable.*

Bottles

Plastic

Packets

Car bodies

Waxed cardboard

Petrol / diesel

Oil

Cans

Polystyrene

Paper

Clothing

Other:



Monitoring Group Information

Monitoring site details

Site code: *Soak 2 ME_DYWOOD - Yalukit* *Natme.*
 Site description: *William Reserve*

Name of monitoring group

Persons monitoring: *Aly, Julienne, Sophie, Natalie.*
 Date and time of monitoring:

Macro-invertebrates

Sample Type

Edge Riffle

Please record your data below:

Very Sensitive Macro-invertebrates			
Stonefly Nymph	Plecoptera	8	
Mayfly Nymph	Ephemeroptera	7	
Caddisfly Nymph	Trichoptera	7	1
Very Sensitive Macro-invertebrates			
Toebiters/Dobsonflies	Megaloptera	6	
Damselfly Nymph	Odonata	6	
Dragonfly Nymph	Odonata	6	
Freshwater Mussel	Class: Bivalvia	5	
Aquatic Caterpillars	Lepidoptera	5	
Freshwater Shrimp/Prawn	Decapoda	5	
Freshwater Yabby/Crayfish	Decapoda	5	
Water Mite	Acarina	5	1
Freshwater Slater	Isopoda	5	



Tolerant Macro-Invertebrates			
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	
True Bugs (Backswimmers, Water Boatman, Water Strider)	Hemiptera	4	15
Side Swimmer/Scud	Amphipoda	4	10
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	25
Round Worms	Nematoda	3	
Leech	Hirudinea	3	
Freshwater Snails	Gastropoda	3	
Flatworm	Turbellaria	3	
Very Tolerant Macro-invertebrates			
Mosquito Larvae	Diptera	2	
Biting Midge Larvae	Diptera	2	
Fly Larvae	Diptera	2	
Segmented Worm	Oligochaeta	1	
Non-Biting Midge (Bloodworms)	Diptera	1	
	TOTALS		

Overall Bug Rating

Very good
 Good
 Fair
 Poor

Total Abundance

200+

0-200

Fair

0-35

Very Good

Good

Total Bug Score

35+