

Waterwatch

Water Quality Data Form

Site: ME - DYWOOD Soak 2.

Date: 30 Thre 2024.

Monitoring group: YWNA

Time:

Persons monitoring: Natalie, Julianne, Robyn, Taylor

Circumstantial Hazard or Additional Risks

Hazard:

Slipping but quite stable today

Risk:

Safety Check

Has anything changed at your site recently?

Are there extreme weat conditions?

Any animals or insects nearby that pose a risk?



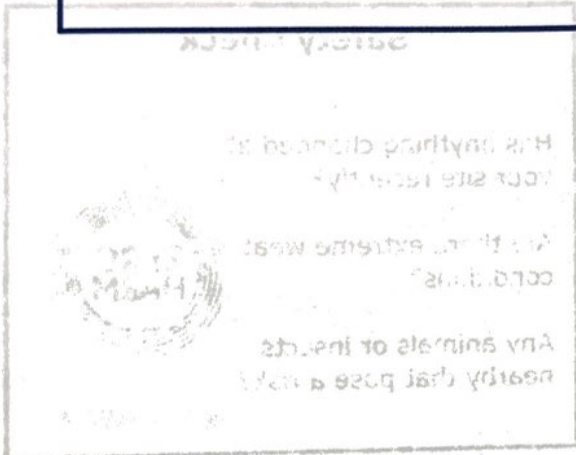
Risk Control Measures:

Parameter		Reading
Ammonium		0.02 mg / L
Dissolved Oxygen	(Use data portal to auto calculate % saturation)	6 mg / L
Water Temperature		8 °C
Air Temperature		10.3 °C
pH	<input checked="" type="checkbox"/> Calibrated	7.9 Unit
Electroconductivity	<input checked="" type="checkbox"/> Calibrated	660 µS / cm
Phosphate	(for colorimeter use conversion on data portal, or divide by 0.326 to calculate PO4-P mg/L)	0.175 mg / L

Waterwatch

Parameter		Reading	
Turbidity		20-30	NTU
Nitrate			mg / L

Comments:



Waterwatch Observations



Weather

- Condition:
- | | | |
|---|--|--|
| <input type="checkbox"/> Sunny | <input checked="" type="checkbox"/> Cloudy | <input checked="" type="checkbox"/> Overcast |
| <input checked="" type="checkbox"/> Raining | <input checked="" type="checkbox"/> Windy | |

Rainfall

- Last Rainfall:
- | | |
|---|---|
| <input type="checkbox"/> More than a week ago | <input type="checkbox"/> During the last week |
| <input type="checkbox"/> During the last 24 hours | <input checked="" type="checkbox"/> Raining now |

Amount of rain (mm):

Water Flow

Flow Indicator (ML/Day):

- Estimate of flow:
- | | | |
|---|-----------------------------------|--|
| <input type="checkbox"/> Flood / overbank | <input type="checkbox"/> Bankfull | <input checked="" type="checkbox"/> High |
| <input type="checkbox"/> Medium | <input type="checkbox"/> Low | medium - High |

Water Appearance

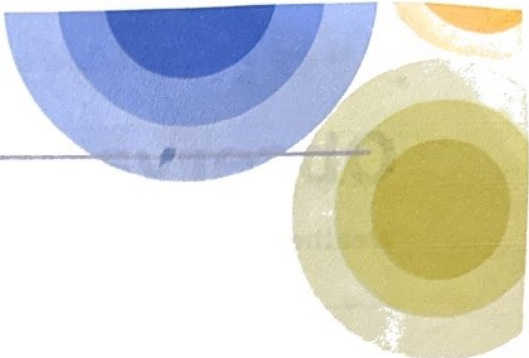
- | | | |
|---|---|---|
| <input type="checkbox"/> Clear | <input type="checkbox"/> Stained brown | <input checked="" type="checkbox"/> Stained green |
| <input type="checkbox"/> Scummy | <input checked="" type="checkbox"/> Muddy | <div style="border: 1px solid black; height: 50px; width: 100%;"></div> |
| <input type="checkbox"/> Smelly | <input type="checkbox"/> Milky | |
| <input type="checkbox"/> Foamy / frothy | <input type="checkbox"/> Oily | |

- Stream Depth:
- | | | | |
|--|--------------------------------------|----------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> 0-50cm | <input type="checkbox"/> 51cm - 99cm | <input type="checkbox"/> 1m - 2m | <input type="checkbox"/> Other |
|--|--------------------------------------|----------------------------------|--------------------------------|

- Stream Width:
- | | | | |
|------------------------------|--|---|--------------------------------|
| <input type="checkbox"/> <2m | <input checked="" type="checkbox"/> 2 - 5m | <input checked="" type="checkbox"/> >5m | <input type="checkbox"/> Other |
|------------------------------|--|---|--------------------------------|

Drains

Waterwatch



Is water flowing from drain?

Colour

Odour

Litter Pollutants

Bottles

Plastic

Packets

Other:

Car bodies

Waxed cardboard

Petrol / diesel

Oil

Cans

Polystyrene

Paper

Clothing



Macro-invertebrates data form

Monitoring Group Information

Monitoring site details *Soak 2*

Site code: *ME_DYWO02 - Yabukit Willam Nature Reserve.*

Site description: *Soak 2 - Chain of Ponds.*

Name of monitoring group

Persons monitoring:

Date and time of monitoring:

Macro-invertebrates

Sample Type

Edge Riffle

Please record your data below:

Common Name	Order	Bug Score	Abundance
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	1
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	25
Freshwater Slater	Isopoda	5	

2 spiders

soak

(2)

Macro-invertebrates data form



Common Name	Order	Bug Score	Abundance
Tolerant Macro-invertebrates			
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	1
True Bugs (Backswimmers, Water Boatman, Water Strider)	Hemiptera	4	25
Side Swimmer/Scud	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	15
Round Worms	Nematoda	3	
Leech	Hirudinea	3	2
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	456
Non Biting Midge (Bloodworms)	Diptera	1	11
TOTALS			

Moth fly larvae. (1)

Overall Bug Rating

- Very good
 Good
 Fair
 Poor

