

Waterwatch

Water Quality Data Form

DYWO01
SOAKZ

①

Site: ME-DYWO01 soak 2.

Date: 26 MARCH 2023

Monitoring group: YWNA Elster Creek.

Time:

Persons monitoring:

Thianne Smart, Ally Soubar, Natalie,
Dave + Senna Cross.

Circumstantial Hazard or Additional Risks

Hazard: NA.

Risk: NA.

Safety Check

Has anything changed at your site recently? NO

Are there extreme weather conditions? NO.

Any animals or insects nearby that pose a risk? NO.



Risk Control Measures: NOT REQUIRED

Parameter		Reading	
Ammonium		0.0	mg / L
Dissolved Oxygen	(Use data portal to auto calculate % saturation)	10	mg / L
Water Temperature		14	° C
Air Temperature		18	° C
pH	<input type="checkbox"/> Calibrated	11.2	Unit
Electroconductivity	<input type="checkbox"/> Calibrated	1730	µS / cm
Phosphate	(for colorimeter use conversion on data portal, or divide by 0.326 to calculate PO4-P mg/L)	0.2	mg / L

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Parameter		Reading
Turbidity		21. NTU
Nitrate		mg / L

Comments:

Waterwatch Observations

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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): HEAVY RAIN ON THE 22 MARCH 2023.

Water Flow - NO 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

Drains

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Is water flowing from drain? NO.

Colour

Odour

Litter Pollutants

- | | | |
|-------------------------------------|--|--|
| <input type="checkbox"/> Bottles | <input type="checkbox"/> Plastic | <input type="checkbox"/> Packets |
| <input type="checkbox"/> Car bodies | <input type="checkbox"/> Waxed cardboard | <input type="checkbox"/> Petrol / diesel |
| <input type="checkbox"/> Oil | <input type="checkbox"/> Cans | <input type="checkbox"/> Polystyrene |
| <input type="checkbox"/> Paper | <input type="checkbox"/> Clothing | |

Other: NONE
OBSERVABLE.

Waterwatch Program

Macro-invertebrates data form



Monitoring Group Information

Monitoring site details

Site code:

Site description:

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	
Very Sensitive Macro-Invertebrates			
Tubificora/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 Tadpole/Crayfish	Decapoda	5	
Water Mite	Acarina	5	
Freshwater Slater	Isopoda	5	

Gambusia

ME - DYWOOL - chain of Ponds.

Waterwatch Program

Macro-invertebrates data form



Common Name	Order	Bug Score	Abundance
Tolerant Macro-invertebrates			
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	
True Bugs (Backswimmers, Water Boatmen, Water Scudler)	Hemiptera	4	
Side Swimmer/Sun	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Water Boatmen)	Coleoptera	3	
Round Worms	Nematoda	3	
Leech	Hirudines	3	
Freshwater Snails	Gastropoda	3	1
Flatworms	Turbellaria	1	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			3

Overall Bug Rating

Very good Good Fair Poor

Total Abundance	200+	Fair	Very Good
	0-200	Poor	Good
		0-35	Total Bug Score
			35+