Control Measures:

Waterwatch

Water Quality Data Form

Site: ME - DYW001. soak. 2.

Date: 26/2/23

Monitoring group: Elster Ck

Time: 10:45

Persons monitoring:
Eg, Hannah, Robyn, Natalie.

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		0.04 mg / L
Dissolved Oxygen	(Use data portal to auto calculate % saturation)	4 mg / L
Water Temperature		17 °C
Air Temperature		18.5 °C
pH	☐ Calibrated	7.0 Unit
Electroconductivity	☐ Calibrated	1890 µS / cm
Phosphate	(for colorimeter use conversion on data portal, or divide by 0.326 to calculate PO4-P mg/L)	0.20 mg / L

Waterwatch

Parameter		Reading
Turbidity		< 15
Nitrate		mg / L

Comments:

Refresh pH calibration standard solutions.

VICTORIA State Government

melbournewater.com.au/waterwatch

Melbourne Water

Waterwatch

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): < 1 mm

Water Flow

Flow Indicator (ML/Day):

Estimate of flow: ☐ Flood / overbank ☑ Bankfull ☐ High ☐ Medium ☑ Low none

Water Appearance

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

Other: Covered in Azolla.

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

Stream Width: ☐ <2m ☐ 2 – 5m ☐ >5m ☐ Other

Drains

Is water flowing from drain? ☐

Colour

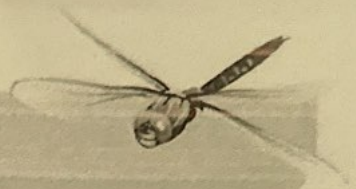
Odour

Litter Pollutants

__ Bottles	__ Plastic	__ Packets	Other: Clear
__ Car bodies	__ Waxed cardboard	__ Petrol / diesel	
__ Oil	__ Cans	__ Polystyrene	
__ Paper	__ Clothing		

healthy waterways **Waterwatch Program**

Macro-invertebrates data form



26/2/2023

Monitoring Group Information

Monitoring site details

Site code: ME -DYW001. Soak 2.

Site description:

Name of monitoring group

Persons monitoring: Ally + Dave - Natalie

Date and time of monitoring: 1030.

Macro-invertebrates

Sample Type

☑ Edge ☐ Riffle

Gambusia x3 (3 stages of life).

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	4
Very Sensitive Macro-invertebrates			
Toebiters/Dobsonflies	Megaloptera	6	
Damselfly Nymph	Odonata	6	3
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	
Freshwater Slater	Isopoda	5	

Melbourne Water

Perf species - Caddisfly!!

Tevvo

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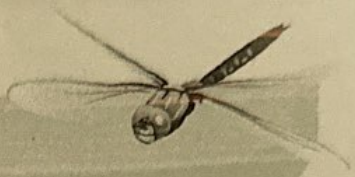

Macro-invertebrates data form

Common Name	Order	Bug Score	Abundance
Tolerant Macro-invertebrates			
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	
True Bugs (Backswimmers, Water Boatman, Water Strider)	Hemiptera	4	10
Side Swimmer/Scud	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	12
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	5
	TOTALS		81

Overall Bug Rating

☐ Very good ☐ Good ☐ Fair ☑ Poor

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

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