

## Water Quality Data Form

Site: DEL ME - DEL 300

Date: 29/10/23

10-27  
Phos.  
Monitoring group: Elsler Ck B

Time: 9:30

Persons monitoring: Julianne Robyn Natalie

### Circumstantial Hazard or Additional Risks

Hazard:

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		<u>0.09</u> mg / L
Dissolved Oxygen	(Use data portal to auto calculate % saturation)	<u>5</u> mg / L
Water Temperature		<u>14</u> °C
Air Temperature		<u>14.5</u> °C
pH	<input checked="" type="checkbox"/> Calibrated	<u>7.8</u> Unit
Electroconductivity	<input checked="" type="checkbox"/> Calibrated <u>1420</u>	<u>1290</u> µS / cm
Phosphate	(for colorimeter use conversion on data portal, or divide by 0.326 to calculate PO4-P mg/L)	<u>0.175</u> mg / L

# Waterwatch

② 29/10/23

Parameter		Reading	
Turbidity		< 10	NTU
Nitrate			mg / L

Comments:

# Waterwatch

Is water flowing from drain? ☐

n/a

Colour

Odour

## Litter Pollutants

☐ Bottles

☒ Plastic

☒ Packets

☐ Car bodies

☐ Waxed cardboard

☐ Petrol / diesel

☐ Oil

☐ Cans

☐ Polystyrene

☒ Paper

☐ Clothing

Other:

# 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): 5mm

## Water Flow

Flow Indicator (ML/Day):

Estimate of flow:

☐ Flood / overbank

☐ Bankfull

☐ High

☐ Medium

☒ Low

## Water Appearance

☒ Clear

☐ Stained brown

☐ Stained green

☐ Scummy

☐ Muddy

Other:

☐ Smelly

☐ Milky

☐ Foamy / frothy

☐ Oily

Stream Depth:

☒ 0-50cm

☐ 51cm - 99cm

☐ 1m - 2m

☐ Other

Stream Width:

☐ <2m

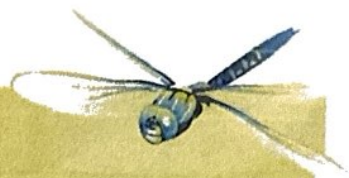
☒ 2 - 5m

☐ >5m

☐ Other

## Drains

## Macro-invertebrates data form



### Monitoring Group Information

#### Monitoring site details

Site code:

~~ME DYN00~~

ME = DEL 300 Elster Creek.  
Chain of Ponds Soak 1.

Site description:

Elster Creek

#### Name of monitoring group

Persons monitoring:

Therianne, Nalehe

Date and time of monitoring:

29 Oct.

1st time  
recording

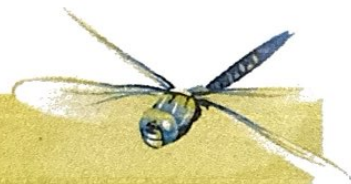
### Macro-invertebrates

#### 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			
Toebiters/Dobsonflies	Megaloptera	6	
Damselfly Nymph	Odonata	6	4
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	



## Macro-invertebrates data form

Common Name	Order	Bug Score	Abundance
<b>Tolerant Macro-invertebrates</b>			
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	
True Bugs (Backswimmers, Water Boatman, Water Strider)	Hemiptera	4	
Side Swimmer/Scud	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	
Round Worms	Nematoda	3	
Leech	Hirudinea	3	1
Freshwater Snails	Gastropoda	3	12
Flatworm	Turbellaria	3	
<b>Intolerant Macro-invertebrates</b>			
Mosquito Larvae	Diptera	2	
Biting Midge Larvae	Diptera	2	
Fly Larvae	Diptera	2	
Segmented Worm	Oligochaeta	1	
Non Biting Midge (Bloodworms)	Diptera	1	10
	<b>TOTALS</b>		

### Overall Bug Rating

☐ Very good
 ☐ Good
 ☐ Fair
 ☐ Poor

**Total Abundance**

200+

0-200

**Fair**

**Poor**

0-35

**Total Bug Score**

**Very Good**

**Good**

35+



**Melbourne Water**