

Water Quality Data Form

Site: DEL 300 Ecker

Date: 3/11/24

Monitoring group: G10 Julianne Robyn

Time:

Persons monitoring: Elsterwid YWNA

10am-

Circumstantial Hazard or Additional Risks

Hazard: soft underfoot

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?



See comments

Parameter		Reading	
Ammonium	used cracked lge spoon.	0.0	mg / L
Dissolved Oxygen	(Use data portal to auto calculate % saturation)		5 mg / L
Water Temperature			14 °C
Air Temperature			18 °C
pH	☐ Calibrated n/a		Unit
Electroconductivity	☐ Calibrated n/a		µS / cm
Phosphate	(for colorimeter use conversion on data portal, or divide by 0.326 to calculate PO4-P mg/L)	> 0.25	mg / L

Parameter	Reading
Turbidity	~ 20 NTU
Nitrate	mg / L

Comments:

Ammonium large spoon cracked

We used the cracked large spoon because we only have a small one to replace it.

Which size   spoon should be in the Ammonium ^{1ge} ^{small} kit?

Need more large sized black spoons.

② Need more wide ~~neck~~ opening pipettes for ~~mar~~ bug sampling/lifting.

Waterwatch Observations

Del 300 Elster Ck (3)

DEL 300 Elster
Continued

Weather

Condition:

☐ Sunny

partly

☒ 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

Other:

☐ Smelly

☐ Milky

☐ Foamy / frothy

☐ Oily

Stream Depth:

☒ 0-50cm

☐ 51cm - 99cm

☐ 1m - 2m

☐ Other

Stream Width:

☐ <2m

☒ 2 - 5m

☐ >5m

☐ Other

Drains

Waterwatch

Is water flowing from drain? ☐ *No*

Colour

Odour

Litter Pollutants

☐ Bottles

☒ Plastic

☐ Packets

☐ Car bodies

☐ Waxed cardboard

☐ Petrol / diesel

☐ Oil

☐ Cans

☐ Polystyrene

☐ Paper

☐ Clothing

Other:

dog ball

(4)

Healthy
Waterways

Elster Ck. Del-300

3/11/24



Invertebrates		Number	
Hydra	Hydrozoa	4	
Beetle Larvae	Coleoptera	4	
True Bugs (Backswimmers, Water Boatman, Water Strider)	Hemiptera	4	30+ 35
Side Swimmer/Scud	Amphipoda	4	
Aquatic Beetles (Diving Beetles, Whirligig Beetles)	Coleoptera	3	
Round Worms	Nematoda	3	
Leech	Hirudinea	3	
Freshwater Snails	Gastropoda	3	1
Flatworm	Turbellaria	3	
Water/Soil Invertebrates - Bugs		Number	
Mosquito Larvae	Diptera	2	
Biting Midge Larvae	Diptera	2	20
Fly Larvae	Diptera	2	
Segmented Worm	Oligochaeta	1	3
Non Biting Midge (Bloodworms)	Diptera	1	28
<i>Dow soft fly</i>	TOTALS		3

Overall Bug Rating

☐ Very good ☐ Good ☐ Fair ☐ Poor

 Total Abundance 200+
 0-200

Fair

0-35

Total Bug Score

Very Good

Good

35+

Melbourne
Water