

FRIENDS OF DAMPER CREEK RESERVE Physical and Chemical Tests

Monitoring Group

FODC WaterWatch

Site Identification

North Branch Damper Creek

Below West side of Alvie Hall carpark, creek flowing through reed beds

Location:

Easting: 335

Northing: 5807

Persons Conducting Survey:

D. Cragg, F. Carder

Date:

11-December-2009

Time:

11:00 AM

Weather Conditions	Now	Last 24 Hours	Last Rainfall
Sunny	X		Over 1 week ago
Cloudy/Overcast			During last week
Showers			During last 24 hours
Rain (Steady)			Raining now
Rain (Heavy)			Amount of rain (24 hr)
Windy			Amount of rain (1 wk)
Comments	Good rains during week, rainfall is estimated. Last 24 from TV weather report for area.		mm

Water Quality Test	Result	Result	Notes/Comments
Dissolved Oxygen (DO)	8 ml	80.0 ppm	
pH		7.4	
Air Temperature		16.5 °C	
Water temperature		16.0 °C	
Conductivity		210 µS/Cm	
Turbidity		25 FTU	
Soluble Phosphorus	0.13 PO ₄ (ppm)	0.04238 P(ppm)	
Ammonia-Nitrogen		0 NH ₄ (ppm)	

Water Flow	Water Appearance
Not Flowing	Clear X
Slow	Muddy
Fast	Scummy
Heavy	Milky
Temporary	Smelly
Permanent	Oily
Notes/Comments	
Deepest part of stream (est)	
Estimated Depth	m
Average width	m
Stream Flow velocity	m/min
Stream Flow (volume)	l/s
Notes/Comments	Not measured

Litter Pollutants	
Paper	Plastic X
Packets	Polystyrene
Bottles	Waxed Cardboard
Cans	Clothing
Notes/Comments	Some litter in streambed, carried by heavy flows earlier in week,

FRIENDS OF DAMPER CREEK RESERVE Physical and Chemical Tests

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Site Identification

East Branch Damper Creek

Below South side of Alvie Hall cerpark, ponding at outlet under Alvie Rd.

Location:

Easting: 335

Northing: 5807

Persons Conducting Survey:

D. Cragg, F. Carder

Date:

11-December-2009

Time:

9:30 AM

Weather Conditions	Now	Last 24 Hours		Last Rainfall
Sunny	X		Over 1 week ago	
Cloudy/Overcast			During last week	X
Showers			During last 24 hours	X
Rain (Steady)			Raining now	
Rain (Heavy)			Amount of rain (24 hr)	appr. 10 mm
Windy			Amount of rain (1 wk)	>20 mm
Comments	Good rains during week, rainfall is estimated. Last 24 from TV weather report for area.			

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	7.50	ml	75.0	ppm	
pH			7.4		
Air Temperature			14.0	°C	
Water temperature			16.0	°C	
Conductivity			690	µS/Cm	
Turbidity			56	FTU	
Soluble Phosphorus	0.49	PO ₄ (ppm)	0.15974	P(ppm)	
Ammonia-Nitrogen			0.02	NH ₄ (ppm)	Slight trace detected

Water Flow		Water Appearance	
Not Flowing		Clear	Foamy/Frothy
Slow	X	Muddy	Stained Green
Fast		Scummy	Stained Brown
Heavy		Milky	Other
Temporary		Smelly	
Permanent		Oily	
Notes/Comments	Reasonable flow. Water is lightly stained and carrying loose vegetable matter, otherwise clear with good appearance.		
Deepest part of stream (est)			
Estimated Depth			
Average width			
Stream Flow velocity			
Stream Flow (volume)			
Notes/Comments	Not measured		

Litter Pollutants			
Paper		Plastic	Oil
Packets		Polystyrene	Petrol/Diesel
Bottles		Waxed Cardboard	Car Bodies
Cans		Clothing	Other
Notes/Comments	TV monitor still in pond		