

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, pond near High Street
Road culvert.

Location:

Easting: 335

Northing: 5807

Persons Conducting Survey:

D. CRAGG, F. CARDER oversight advice by TRISH GRANT

Date:

12-March-2010

Time:

11:00 AM

Weather Conditions	Now	Last 24 Hours		Last Rainfall
Sunny	X	X	Over 1 week ago	
Cloudy/Overcast			During last week	X
Showers			During last 24 hours	
Rain (Steady)			Raining now	
Rain (Heavy)			Amount of rain (24 hr)	
Windy			Amount of rain (1 wk)	<5 mm
Comments				

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	0.58	ml	5.8	ppm	
pH			7.3		
Air Temperature			21.0	°C	
Water temperature			16.0	°C	
Conductivity			590	µS/Cm	
Turbidity			16	FTU	
Soluble Phosphorus	0.14	PO ₄ (ppm)	0.04564	P(ppm)	
Ammonia-Nitrogen			0	NH ₄ (ppm)	

Water Flow		Water Appearance	
Not Flowing	X	Clear	X
Slow		Muddy	
Fast		Scummy	
Heavy		Milky	
Temporary		Smelly	
Permanent		Oily	
Notes/Comments	SAMPLE POINT MOVED UPSTREAM TO PONDING BEHIND ALVIE HALL NEAR OUTFLOW FROM UNDER HIGH STREET ROAD		
Deepest part of stream (est)			
Estimated Depth	0.50	m	
Average width	2.0	m	
Stream Flow velocity	0.0	m/min	
Stream Flow (volume)	0.0	l/s	
Notes/Comments	estimated		

Litter Pollutants			
Paper		Plastic	
Packets		Polystyrene	
Bottles		Waxed Cardboard	
Cans		Clothing	
Notes/Comments	fairly clean.		

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 oversight an advice by TRISH GRANT

Date:

12-March-2010

Time:

9:30 AM

Weather Conditions	Now	Last 24 Hours		Last Rainfall
Sunny	X	X	Over 1 week ago	
Cloudy/Overcast			During last week	X
Showers			During last 24 hours	
Rain (Steady)			Raining now	
Rain (Heavy)			Amount of rain (24 hr)	mm
Windy			Amount of rain (1 wk)	<5 mm
Comments				

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	0.52	ml	5.2	ppm	
pH			7.4		
Air Temperature			15.0	°C	
Water temperature			16.0	°C	
Conductivity			1990	µS/Cm	see below
Turbidity			19	FTU	
Soluble Phosphorus	0.16	PO ₄ (ppm)	0.05216	P(ppm)	
Ammonia-Nitrogen			0.1	NH ₄ (ppm)	This and high conductivity may indicate sewage

Water Flow		Water Appearance	
Not Flowing	X	Clear	X
Slow		Muddy	
Fast		Scummy	
Heavy		Milky	
Temporary		Smelly	
Permanent		Oily	
Notes/Comments			
Deepest part of stream (est)			
Estimated Depth	0.75	m	
Average width	2.5	m	
Stream Flow velocity	0.0	m/min	
Stream Flow (volume)	0.0	l/s	
Notes/Comments	Estimated		

Litter Pollutants			
Paper		Plastic	
Packets		Polystyrene	
Bottles		Waxed Cardboard	
Cans		Clothing	
Notes/Comments	reasonably clean but litter has accumulated since 'Clean up Australia day' last Sunday		