

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, P. Johnston, C. Miles, F. Carder

Date:

11 September 2009

Time:

11:00

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)	mm
Windy		X	Amount of rain (1 wk)	app 20 mm
Comments				

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	0.78	ml	7.8	ppm	
pH			7.5		
Air Temperature			17.0	°C	
Water temperature			11.0	°C	
Conductivity			180	µS/Cm	
Turbidity			12	FTU	
Soluble Phosphorus	0.23	PO ₄ (ppm)	0.07498	P(ppm)	
Ammonia-Nitrogen			0	NH ₄ (ppm)	

Water Flow		Water Appearance	
Not Flowing		Clear	X
Slow	X	Muddy	
Fast		Scummy	
Heavy		Milky	
Temporary		Smelly	
Permanent		Oily	
Notes/Comments	Steady water flow		
Deepest part of stream (est)			
Estimated Depth			
Average width			
Stream Flow velocity			
Stream Flow (volume)			
Notes/Comments	Dimensions not measured		

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

FRIENDS OF DAMPER CREEK RESERVE **Physical and Chemical Tests**

Monitoring Group

FODC WaterWatch

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, P. Johnston, C. Miles, F. Carder

Date:

11 September 2009

Time:

9:45

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		X		Amount of rain (1 wk)
Comments				

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	0.82	ml	8.2	ppm	
pH			7.2		
Air Temperature			14.0	°C	
Water temperature			11.0	°C	
Conductivity			1260	µS/Cm	
Turbidity			16	FTU	
Soluble Phosphorus	0.13	PO ₄ (ppm)	0.04238	P(ppm)	
Ammonia-Nitrogen			>4.5	NH ₄ (ppm)	Presence of sewage likely

Water Flow		Water Appearance	
Not Flowing		Clear	X
Slow	X	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)	est. 100	l/s
Notes/Comments	Dimensions not measured	

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