

# **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:

P.Johnstone F. Carder

Date:

17-Aug-09

Time:

11:30

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

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	8.1	ml	81.0	ppm	
pH			7.4		
Air Temperature			16.0	°C	
Water temperature			8.0	°C	
Conductivity			110	µS/Cm	Branches widely different, same as last time
Turbidity			17	FTU	
Soluble Phosphorus	0.17	PO <sub>4</sub> (ppm)	0.05542	P(ppm)	
Ammonia-Nitrogen			0	NH <sub>4</sub> (ppm)	

Water Flow		Water Appearance	
Not Flowing		Clear	X
Slow	X	Muddy	
Fast		Scummy	
Heavy		Milky	
Temporary		Smelly	
Permanent		Oily	
Notes/Comments	No obvious flow		
Deepest part of stream (est)			
Estimated Depth			
Average width			
Stream Flow velocity			
Stream Flow (volume)			
Notes/Comments			

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

# **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 carpark, Approx 2 meters  
upstream from confluence with North Branch

Location:

Easting: 335

Northing: 5807

Persons Conducting Survey:

P. Johnstone &amp; F. Carder

Date:

17-Aug-09

Time:

10:30

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

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	8.20	ml	82.0	ppm	
pH			7.1		
Air Temperature			12.0	°C	
Water temperature			8.0	°C	
Conductivity			1280	µS/Cm	Branches widely different, same as last time
Turbidity			72	FTU	
Soluble Phosphorus	0.19	PO <sub>4</sub> (ppm)	0.06194	P(ppm)	
Ammonia-Nitrogen			0	NH <sub>4</sub> (ppm)	

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)		l/s	
Notes/Comments			

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