

# **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, pool at High Street Road culvert.

Location:

Easting: 335

Northing: 5807

Persons Conducting Survey:

D. Cragg; P. Johnstone; F. Carder

Date:

14-May-2010

Time:

10:30 AM

Weather Conditions	Now	Last 24 Hours	Last Rainfall
Sunny	X	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	Rainfall is guesstimate		mm
			30.0 mm

Water Quality Test	Result	Result	Notes/Comments
Dissolved Oxygen (DO)	0.8 ml	8.0 ppm	
pH		7.2	
Air Temperature		13.5 °C	
Water temperature		12.0 °C	
Conductivity		150 µS/Cm	
Turbidity		14 FTU	
Soluble Phosphorus	0.22 PO <sub>4</sub> (ppm)	0.07172 P(ppm)	
Ammonia-Nitrogen		0.02 NH <sub>4</sub> (ppm)	Still showing NH <sub>4</sub> , but less than last month

Water Flow	Water Appearance
Not Flowing	Clear X
Slow	Muddy
Fast	Scummy
Heavy	Milky
Temporary	Smelly
Permanent	Oily
Notes/Comments	
	Have had good flows over past few weeks
Deepest part of stream (est)	
Estimated Depth	m
Average width	m
Stream Flow velocity	m/min
Stream Flow (volume)	l/s
Notes/Comments	Not calculated.

Litter Pollutants	
Paper	X
Packets	
Bottles	
Cans	X
Notes/Comments	
	Pallet and packing from washing machine in vegetation at edge of carpark

# **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. Johnstone; F. Carder

Date:

14-May-2010

Time:

9:30 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	Rainfall is guesstimate		mm mm

Water Quality Test	Result	Result	Notes/Comments
Dissolved Oxygen (DO)	0.86 ml	8.6 ppm	
pH		7.6	Measured twice, seems high
Air Temperature		11.5 °C	
Water temperature		13.0 °C	
Conductivity		490 µS/Cm	
Turbidity		40 FTU	
Soluble Phosphorus	0.08 PO <sub>4</sub> (ppm)	0.02608 P(ppm)	
Ammonia-Nitrogen		0.01 NH <sub>4</sub> (ppm)	very faint, but definite, colour

Water Flow	Water Appearance
Not Flowing	Clear
Slow	Muddy
Fast	Scummy
Heavy	Milky
Temporary	Smelly
Permanent	Oily
Notes/Comments	There appears to be fine a suspension of clay like solids.
Deepest part of stream (est)	
Estimated Depth	m
Average width	m
Stream Flow velocity)	m/min
Stream Flow (volume)	l/s
Notes/Comments	Not calculated

Litter Pollutants			
Paper	X	Plastic	Oil
Packets		Polystyrene	Petrol/Diesel
Bottles	X	Waxed Cardboard	Car Bodies
Cans	X	Clothing	Other
Notes/Comments	Not too bad.		