

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:

J.Clements F. Carder

Date:

16-April-2010

Time:

9:15 AM

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

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	5.8	ml	58.0	ppm	
pH			7.2		
Air Temperature			11.0	°C	
Water temperature			14.0	°C	
Conductivity			220	µS/Cm	
Turbidity			15	FTU	
Soluble Phosphorus	0.18	PO ₄ (ppm)	0.05868	P(ppm)	Reading suspect due low meter battery
Ammonia-Nitrogen			0.04	NH ₄ (ppm)	Recent desilting upstream may cause this.

Water Flow		Water Appearance	
Not Flowing	X	Clear	X
Slow		Muddy	
Fast		Scummy	
Heavy		Milky	
Temporary		Smelly	
Permanent		Oily	
Notes/Comments	Monitoring point moved slightly upstream to allow for times of no flow.		
Deepest part of stream (est)			
Estimated Depth			
Average width			
Stream Flow velocity			
Stream Flow (volume)			
Notes/Comments	No flow		

Litter Pollutants			
Paper	X	Plastic	
Packets		Polystyrene	
Bottles	X	Waxed Cardboard	
Cans	X	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 cerpark, ponding at outlet under Alvie Rd.

Location:

Easting: 335

Northing: 5807

Persons Conducting Survey:

J.Clements F. Carder

Date:

16-April-2010

Time:

10:15 AM

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

Water Quality Test	Result		Result		Notes/Comments
Dissolved Oxygen (DO)	5.80	ml	58.0	ppm	
pH			7.1		
Air Temperature			16.0	°C	
Water temperature			15.0	°C	
Conductivity			1940	µS/Cm	
Turbidity			24	FTU	
Soluble Phosphorus	0.1	PO ₄ (ppm)	0.0326	P(ppm)	
Ammonia-Nitrogen			0.04	NH ₄ (ppm)	

Water Flow		Water Appearance	
Not Flowing	X	Clear	Foamy/Frothy
Slow		Muddy	Stained Green
Fast		Scummy	Stained Brown
Heavy		Milky	Other
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	No flow		

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