

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, C. Miles, F. Carder

Date:

13-November-2009

Time:

9:40 AM

Weather Conditions	Now	Last 24 Hours	Last Rainfall
Sunny	X	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)
Windy			Amount of rain (1 wk) mm
Comments	Weather has been unseasonably hot and dry		

Water Quality Test	Result	Result	Notes/Comments
Dissolved Oxygen (DO)	0.04 ml	0.4 ppm	
pH		7.1	
Air Temperature		16.0 °C	
Water temperature		18.0 °C	
Conductivity		530 µS/Cm	
Turbidity		28 FTU	
Soluble Phosphorus	0.73 PO ₄ (ppm)	0.23798 P(ppm)	
Ammonia-Nitrogen		0 NH ₄ (mg/l)	

Water Flow	Water Appearance
Not Flowing	Clear X
Slow	Muddy
Fast	Scummy
Heavy	Milky
Temporary	Smelly
Permanent	Oily
Notes/Comments	No flow. Water was clean and odour free.
Deepest part of stream (est)	
Estimated Depth	0.30 m
Average width	m
Stream Flow velocity	m/min
Stream Flow (volume)	l/s
Notes/Comments	Water was taken approx 10 meters further upstream than usual in clear pool

Litter Pollutants	
Paper	X
Packets	
Bottles	
Cans	
Notes/Comments	Usual scattering of wrappers etc. Nothing too bad.
Plastic	X
Polystyrene	
Waxed Cardboard	
Clothing	
Oil	
Petrol/Diesel	
Car Bodies	
Other	

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

Monitoring Group	FODC WaterWatch		
Site Identification	East Branch Damper Creek		Location:
	Below South side of Alvie Hall cerpark, ponding at outlet under Alvie Rd.		<i>Easting:</i> 335
			<i>Northing:</i> 5807
Persons Conducting Survey:	D. Cragg, C. Miles, F. Carder		Date: 13-November-2009
			Time: 10:30 AM

Weather Conditions	Now	Last 24 Hours	Last Rainfall	
Sunny	X	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	Weather has been unseasonably hot and dry			

Water Quality Test	Result	Result	Notes/Comments
Dissolved Oxygen (DO)	0.48 ml	4.8 ppm	
pH		7.1	
Air Temperature		19.0 °C	
Water temperature		17.0 °C	
Conductivity		>1999 µS/Cm	Out of range high. Estimate 3000+
Turbidity		11 FTU	
Soluble Phosphorus	0.07 PO ₄ (ppm)	0.02282 P(ppm)	
Ammonia-Nitrogen		>.5 NH ₄ (mg/l)	Reagent turned deep green - off scale

Water Flow	Water Appearance		
Not Flowing		Clear	X
Slow	Trickle	Muddy	
Fast		Scummy	
Heavy		Milky	
Temporary		Smelly	
Permanent		Oily	X
Notes/Comments	Oily sheen on pond, film left on container.		
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			