

## FRIENDS OF DAMPER CREEK RESERVE

### Physical and Chemical Tests

<b>Monitoring Group</b>	FODC WaterWatch		
<b>Site Identification</b>	<b>East Branch Damper Creek</b>		<b>Location:</b>
	Below South side of Alvie Hall cerpark, ponding at outlet under Alvie Rd.		<i>Easting:</i> <span style="background-color: #d4edda; border: 1px solid black;">335</span>
			<i>Northing:</i> <span style="background-color: #d4edda; border: 1px solid black;">5807</span>
<b>Persons Conducting Survey:</b>	D. Cragg; P. Johnstone; F. Carder		<b>Date:</b> <span style="background-color: #d4edda; border: 1px solid black;">14-May-2010</span>
			<b>Time:</b> <span style="background-color: #d4edda; border: 1px solid black;">9:30 AM</span>

Weather Conditions	Now	Last 24 Hours		Last Rainfall
Sunny	X		Over 1 week ago	
Cloudy/Overcast			During last week	X
Showers			During last 24 hours	
Rain (Steady)			Raining now	
Rain (Heavy)			Amount of rain (24 hr)	
Windy			Amount of rain (1 wk)	30.0
Comments	Rainfall is guesstimate			

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		Foamy/Frothy
Slow	X		Muddy	X	Stained Green
Fast			Scummy		Stained Brown
Heavy			Milky		Other
Temporary			Smelly		
Permanent			Oily		
Notes/Comments	There appears to be fine a suspension of clay like solids.				
<b>Deepest part of stream (est)</b>					
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.				