

Sheet1

**Water Quality and Temperature
in
Shirley's Brook and Kizell Drain**

DAY 1

Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	10.30 hrs. 07 29 2010	11.00 hrs. 07 29 2010	11.20 hrs. 07 29 2010	11.45 hrs. 07 29 2010	12.05 hrs. 07 29 2010
Weather Conditions:	Blue Skies Some Clouds	Sunny	Sunny, more small clouds	Sunny with small clouds	Sunny with small clouds
Air Temperature:	22 degree C.	24 degree C.	22 degree C.	22 degree C.	20 degree C.
Water Temperature	23 degree C.	26 degree C.	19 degree C. tree shadow	20 degree C.	22 degree C.
Visible Water Quality:	algae at exit screen	stagnant swampy	stagnant	stagnant. large pools	clear and running
Readings taken by:	Mark Aaftink	Mark Aaftink	Mark Aaftink	Mark Aaftink	Mark Aaftink
Comments & Observations:		Culvert plug- ged with mud by Beaver	No current in creek Oily film on water.		

**Water Quality and Temperature
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DAY 2

	NO.1	NO.2	NO.3	NO.4	NO.5
Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	11.35 07 30 2010	11.50 hrs. 07 30 2010	12.15 hrs. 07 30 2010	12.40 hrs. 07 30 2010	13.10 hrs. 07 30 2010
Weather Conditions:	Sunny, no clouds	Sunny, no clouds	Sunny, more small clouds	Sunny with small clouds	Sunny
Air Temperature:	22 degree C.	24 degree C.	21 degree C.	21 degree C.	20 degree C.
Water Temperature	18 degree C.	22 degree C.	19 degree C. tree shadow	21 degree C.	23 degree C.
Visible Water Quality:	clear under algae	not clear stagnant	stagnant	stagnant. greenish	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter
Comments & Observations:		Culvert plug- ged with mud by Beaver No current either way	No current in creek Oily film on water.		

**Water Quality and Temperature
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DAY 3

	NO.1	NO.2	NO.3	NO.4	NO.5
Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	9.05 hrs. 07 31 2010	8.30 hrs. 07 31 2010	17.45 hrs. 07 31 2010	18.05 hrs. 07 31 2010	18.30 hrs. 07 31 2010
Weather Conditions:	Sunny and clear	Sunny with small clouds	Sunny with small clouds	Sunny with small clouds	Sunny with small clouds
Air Temperature:	20 degree C.	21 degree C.	23 degree C.	21 degree C.	21 degree C.
Water Temperature	21 degree C.	20 degree C.	19 degree C. tree shadow	21 degree C.	23 degree C.
Visible Water Quality:	plenty of algae	algae swampy	stagnant	stagnant. large pools	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter
Comments & Observations:		Culvert plug- ged with mud by Beaver	No current in creek Oily film on water.		

Sheet1

**Water Quality and Temperature
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DAY 4

	NO.1	NO.2	NO.3	NO.4	NO.5
Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	9.05 hrs. 08 01 2010	9.20 hrs. 08 01 2010	9.40 hrs. 08 01 2010	10.05 hrs. 08 01 2010	10.30 hrs. 08 01 2010
Weather Conditions:	sunny/cloudy	sunny/cloudy	sunny/cloudy	sunny/cloudy	sunny/cloudy
Air Temperature:	24 degree C.	26 degree C.	24 degree C	22 degree C.	26 degree C.
Water Temperature	23 degree C.	23 degree C.	18 degree C. tree shadow	19 degree C.	22 degree C.
Visible Water Quality:	plenty of algae	algae swampy	stagnant	stagnant. large pools	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter
Comments & Observations:	Saw 12+ inch goldfish	Culvert plug- ged with mud by Beaver			

**Water Quality and Temperature
in
Shirley's Brook and Kizell Drain**

DAY 5

Location:	NO.1 Beaverpond East. Exit	NO.2 Beaverpond West. Entr.	NO.3 G.F. Rd. culvert	NO.4 Walking Brid- ge Shirley Br.	NO.5 Walking Brid- ge Kizell Dr.
Time & Date of Readings:	9.05 hrs 07-30-2010	9.20 hrs 07-30-2010	9.40 hrs 07-30-2010	10.05 hrs. 07-30-2010	10.30 hrs 07-30-2010
Weather Conditions:	Sunny, no clouds	Sunny, no clouds	Sunny, more small clouds	Sunny with small clouds	Sunny with few clouds
Air Temperature:	24 degree C.	26 degree C.	24 degree C.	22 degree C.	26 degree C.
Water Temperature	23 degree C.	23 degree C.	18 degree C. tree shadow	19 degree C.	22 degree C.
Visible Water Quality:	clear under algae	not clear stagnant	stagnant	stagnant. greenish	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter

8/2/10

Comments & Observations:

Culvert plug-
ged with mud
by Beaver
No current
either way

**Water Quality and Temperature
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DAY 6

	NO.1	NO.2	NO.3	NO.4	NO.5
Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	15.15 hrs. 08 03 2010	15.25 hrs. 08 03 2010	15.35 hrs. 08 03 2010	17.40 hrs. 08 03 2010	18.10 hrs. 08 03 2010
Weather Conditions:	overcast and drizzle	overcast and thunder	thunder and rain	overcast	overcast
Air Temperature:	26 degree C.	26 degree C.	26 degree C.	25 degree C.	24 degree C.
Water Temperature	24 degree C.	24 degree C.	23 degree C. tree shadow	24 degree C.	23 degree C.
Visible Water Quality:	algae over cloudy water	algae over swamp water	signs of run- water	water began to run	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter
Comments & Observations:		Culvert plug- ged with mud by Beaver		most frogs departed	

Sheet1

**Water Quality and Temperature
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DAY 7

	NO.1	NO.2	NO.3	NO.4	NO.5
Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	15.30 hrs 08 04 2010	15.40 hrs. 08 04 2010	15.50 hrs. 08 04 2010	8.30 hrs. 08 04 2010	8.50 hrs. 08 04 2010
Weather Conditions:	potential thunder storm	potential thunder storm	thunder storm	overcast thunder?	overcast thunderstorm?
Air Temperature:	26 degree C.	30 degree C.	23 degree C	23 degree C.	24 degree C.
Water Temperature	24 degree C.	26 degree C.	18 degree C. tree shadow	20 degree C.	24 degree C.
Visible Water Quality:	algae, exit screen	running	running	stagnant, light running	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter
Comments & Observations:		plug at screen partly moved		practical all frogs depar- ted now	

**Water Quality and Temperature
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DAY 8

	NO.1	NO.2	NO.3	NO.4	NO.5
Location:	Beaverpond East. Exit	Beaverpond West. Entr.	G.F. Rd. culvert	Walking Brid- ge Shirley Br.	Walking Brid- ge Kizell Dr.
Time & Date of Readings:	8.45 hrs. 08 05 2010	11.15 hrs. 08 05 2010	9.15 hrs 08 05 2010	9.40 hrs 08 05 2010	10.00 hrs 08 05 2010
Weather Conditions:					
Air Temperature:	26 degree C.	30 degree C.	23 degree C	23 degree C.	24 degree C.
Water Temperature	24 degree C.	26 degree C.	18 degree C. tree shadow	20 degree C.	24 degree C.
Visible Water Quality:	algae, exit screen	running	running	stagnant, light running	clear and running
Readings taken by:	Pieter	Pieter	Pieter	Pieter	Pieter
Comments & Observations:		plug at screen partly moved		practical all frogs depar- ted now	