

Gabriola Streamkeepers (GSK)

## **Stream surveys**

These are summaries only, not master copies, of Gabriola Streamkeeper field reports and surveys.

Surveys are categorized here as following types:

- B Biological
- F Flow rate and water level
- M Maps
- Q Water quality
- T Topographical and habitat
- W Weather

Files (File: **NNNn**, File: **NNNn/yy** ) are available at URL <http://www.nickdoe.ca/pdfs/WebpNNNn.pdf>  
Ignore any year code **/yy**. The suffix **n** is only there if there is a separate file for that year.

Other references are mostly to reports in the orange field books identifiable by creek name and date.

## Castell Brook

Ref.	Date	Type	Author(s)	Note
CB12-001	2012	B	JB	
CB14-001	Jun.01,2014	B	JB, MM	
CB14-002	Jun.03,2014	B	JB, MM	
CB14-003	Jun.07,2014	B	JB, MM	
CB14-004	Sep.18,2014	B	JB, MM	
CB14-005	Dec.27,2014	Q		
CB15-001	Jan.07,2015	Q		
File: 675/16	— 2016	Q	ND	

Castell Creek locations			
Location	Lat.	Long.	
1			downstream of 1st beaver dam
2			upstream of 1st beaver dam
3			between gravel pool and saltmarsh
4			100m upstream of gravel pool
5	49°10.538'N	123°49.104'W	North Rd. culvert
6	49°11.427'N	123°49.734'W	Daniel Way culvert, downstream side
7			saltmarsh

Castell Creek B reports			
Ref.	location	month	observations
CB12-001	7		sticklebacks
CB14-001	1	6	3 sticklebacks, 2 spiny sculpins
CB14-001	2	6	18 sticklebacks, 2 spiny sculpins
CB14-002	2	6	1 caught from school of 8 dace
CB14-002	1	6	1 chum fry caught
CB14-003	1	6	numerous chum fry
CB14-004	3	9	100's sticklebacks
CB14-004	4	9	dace

Castell Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
CB14-005	5	12	7.5	6.5	5	failed			
CB14-005	6	12	6.0	6.3	10	failed			
CB15-001		12			10	failed			
File: 675/16	6	3-24	8.7	7.2	5	10.2	yellow	160	overcst



## Coats Marsh

Ref.	Date	Type	Author(s)	Note
File: 673d/15	— 2015	F,Q,W	ND	
File: 673e/16	— 2016	F,Q,W	ND	

Coats Marsh locations			
Location	Lat.	Long.	
1	49°09.133'N	123°48.583'W	east shore
2	49°09.149'N	123°48.929'W	weir
3	49°09.139'N	123°48.935'W	property west of berm, park boundary

Coats Marsh Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
File: 673d/15	1	10-25	13.3	7.3		5.4		58/76	
File: 673d/15	2	10-29	13.3	7.3		8.8		183	
File: 673d/15	1	10-29	13.9	7.6		9.7		95	
File: 673d/15	2	11-19	14.8	7.3		9.0		97	
File: 673d/15	3	11-19	14.7	7.1		8.3		89	
File: 673e/16	1	4-14	15.8	6.4	0	9.6	clear	88	sun/cld







## Descanso Creek

Ref.	Date	Type	Author(s)	Note
DC12-001	2012	B	JB	
DC14-001	2014	B	JB	
File: 675/16	— 2016	Q	ND	

Descanso Creek locations			
Location	Lat.	Long.	
1	≈49°10.340'N	≈123°51.880'W	culvert on beach

Descanso Creek B reports			
Ref.	location	month	observations
DC12-001			sticklebacks
DC14-001			pumpkinseeds

Descanso Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	μS/cm 25°C	wx
File: 675/16	1	4-15	11.3	6.5	>10	8.8	strg. yel.	270	sun/cld



## Dick Brook

Ref.	Date	Type	Author(s)	Note
DB13-001	2013	B	JB	
DB14-001	Sep.18,2014	F		
DB14-002	Sep.28,2014	F,T		
File: 669	— 2015	Q	ND	
DB15-001	Feb.04,2015	B	JB	
File: 675/16	— 2016	Q	ND	

Dick Brook locations			
Location	Lat.	Long.	
1	49°08.644'N	123°44.427'W	Somerset pit
2	49°09.160'N	123°43.705'W	Peterson Rd. west side of culvert
3	49°09.278'N	123°42.681'W	North Rd. south side of culvert
4	≈ 49°09.523'N	≈ 123°42.760'W	just upstream of estuary

Dick Brook B reports			
Ref.	location	month	observations
DB13-001			probably sticklebacks
DB15-001	4	2	chum fry, alevins

Dick Brook Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	μS/cm 25°C	wx
File: 669	1	1-07	7.5	6.5	10	3.0	clear		cloud
File: 669	2	1-07	6.0	6.5	20	4.0/5.0	dk.brn		cloud
File: 669	3	1-07	8.0	6.5	12	7.0	yel.brn		cloud
File: 675/16	1	3-26	9.4	7.2	7	10.6	clear	177	prt cld
File: 675/16	2	3-26	10.2	6.9	15	9.2	brown	218	prt cld
File: 675/16	3	3-26	9.0	7.1	15	10.7	yel.brn	211	prt cld



## Fiddlehead Creek

Ref.	Date	Type	Author(s)	Note
FC13-001	2013	B	JB	
File: 675/16	— 2016	Q	ND	

Fiddlehead Creek locations			
Location	Lat.	Long.	
1			freshwater above high tide
2	~49°10.626'N	~123°51.366'W	a little upstream of beach

Fiddlehead Creek B reports			
Ref.	location	month	observations
FC13-001	1		anadromous species

Fiddlehead Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
File: 675/16	2	4-15	9.1	6.6	0-5	10.4	clear	208	sun/cld



## Goodhue Creek

Ref.	Date	Type	Author(s)	Note
GC12-001	2012	B	JB	
GC14-001	Mar.24,2014	Q	CC	
GC14-002	Sep.18,2014	B		
GC14-003	Sep.24,2014	T		
File: 675/15	— 2015	Q	ND	
File: 675/16	— 2016	Q	ND	

Goodhue Creek locations			
Location	Lat.	Long.	
1	49°09.470'N	123°49.930'W	Golf course
2	?	?	Carl Voems property?
3	≈ 49°09.545'N	≈ 123°50.014'W	695 South Rd.
4	49°10.347'N	123°50.373'W	Creek inlet to pond

Goodhue Creek B reports			
Ref.	location	month	observations
GC12-001			sticklebacks
GC14-002	1	9	2 trout, numerous sticklebacks

Goodhue Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	μS/cm 25°C	wx
GC14-001	3	3	5.0	6.5	5	7.0			rain
File: 675/15	4	11-24	6.3	7.4		9.0		179	
File: 675/16	1	4-14	10.2	6.3	5-10	8.4	yellow	171	sun/cld

## Lock Bay Beaver Pond

Ref.	Date	Type	Author(s)	Note
LB12-001	2012	B	JB	

Lock Bay Beaver Pond locations			
Location	Lat.	Long.	

Lock Bay Beaver Pond B reports			
Ref.	location	month	observations
LB12-001			cutthroat trout

## Mallett Creek / Peacocks Lake

Ref.	Date	Type	Author(s)	Note
MC13-001	2013	B	JB	
MC14-001	May 21,2014	Q,B	JB,MM,CC	
MC14-002	May 24,2014	Q,B	JB,MM,et al	
MC14-003	Sep. 20,2014	T,B	JB,MM,et al	
MC14-004	Sep. 24,2014	Q	JB,MMI	
MC15-001	Feb.11,2015	B	JB,MM	
File: 672/15	— 2015	F,Q,W	ND,CW	
File: 672/16	— 2016	F,Q,W	ND	

Mallett Creek / Peacocks Lake			
Location	Lat.	Long.	
1	49°10.781'N	123°51.524'W	lowest pool above intertidal
2	49°10.780'N	123°51.495'W	downstream of Taylor Bay culvert, pool by tree
3	49°10.788'N	123°51.465'W	Taylor Bay Rd. culvert downstr. side
4	49°10.788'N	123°51.425'W	pool just upstream of Taylor Bay culvert
5	≈ 49°10.820'N	≈ 123°51.130'W	1/2-way culvert upstr.side
6	49°10.845'N	123°50.980'W	Peacocks Lake at outlet
7	49°10.887'N	123°50.577'W	Fence on upper MC nr. lake

Mallett Creek / Peacocks Lake B reports			
Ref.	location	month	observations
MC13-001			juvenile coho
MC14-001	1	5	pumpkinseeds
MC14-002	1	5	pumpkinseeds
MC14-002	2	5	fishfly larvae 12/m <sup>2</sup>
MC14-003	1	9	no pumpkinseeds seen
MC15-001	1	2	fry looking like chum

Mallett Creek / Peacocks Lake Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
MC14-001	2	5	13.5	7.0	7.5	10.0			rain
MC14-002	2	5	13.0	7.0	7.5	7.0			shwrs
MC14-004	2	9	16.0	7.0	5	8.0	tannin		shwrs
File: 672/15	4	10-13	12.4			9.4		156	in file
File: 672/15	4	10-20	10.9			9.7		105	in file
File: 672/15	6	10-20	11.9			11.1		117	in file
File: 672/15	4	10-27	10.3			9.7		96	in file
File: 672/15	4	11-03	9.3	7.8		10.5		80	in file
File: 672/15	3	11-05	9.3					107	in file
File: 672/16	3	4-14	9.7	6.3	0-5	10.1	pale yel.	133	sun/cld





## River Place Creek

Ref.	Date	Type	Author(s)	Note
File: 672/15	— 2015	F,Q,W	ND,CW	
File: 675/16	— 2016	F,Q,W	ND	

River Place Creek locations			
Location	Lat.	Long.	
1	49°10.884'N	123°50.825'W	Fence on RPC nr. lake
2	49°11.010'N	123°50.622'W	River Place bridge

River Place Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
File: 672/15	1	11-13	10.6					67	in file
File: 675/16	2	3-24	9.0	7.3	5-10	10.1	yel-brn	176	cld.



## Upper Jenkins Creek

Ref.	Date	Type	Author(s)	Note
File: 675/15	— 2015	Q	ND	
File: 675/16	— 2016	Q	ND	

Upper Jenkins Creek locations			
Location	Lat.	Long.	
1	49°09.134'N	123°46.767'W	Tait Road

Upper Jenkins Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
File: 675/15	1	10-25	10.8	7.7		6.8		301	
File: 675/16	1	3-24	8.7	7.5	<5	10.2	clear	236	cld.

## Wagg Brook

Ref.	Date	Type	Author(s)	Note
WB12-001	2012	B		
WB12-002	2012	B		
WB13-001	2013	B	JB	
WB13-002	2013	B	JB	
File: 675/16	2016	Q	ND	

Wagg Brook locations			
Location	Lat.	Long.	
1	49°08.176'N	123°43.297'W	above high tide

Wagg Brook B reports			
Ref.	location	month	observations
WB12-001			cutthroat trout (unconfirmed)
WB12-002			pink salmon attempting access (unconfirmed)
WB13-001			chum fry
WB13-002			sticklebacks

Wagg Brook Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
File: 675/16	1	3-22	9.1	7.2	8	10.8	yellow	98	sun/cld

## Winthuysen Creek

Ref.	Date	Type	Author(s)	Note
WC14-001	Mar.30,2014	Q	CC, ND	
WC14-002	Apr.17,2014	B	MM	
WC14-003	Nov.25.2014	Q	TC,CC,MM	
WC15-001	Jan.07,2015	Q		
File: 672/15	— 2015	F,W	ND	
File: 672/16	— 2016	F,W,Q	ND	

Winthuysen Creek locations			
Location	Lat.	Long.	
1	49°11.000'N	123°51.585'W	campground

Winthuysen Creek B reports			
Ref.	location	month	observations
WC14-002	1	4	mayfly nymphs 76/m <sup>2</sup>

Winthuysen Creek Q reports									
Ref.	location	month	H2O °C	pH	JTU	DO mg/L	colour	µS/cm 25°C	wx
WC14-001	1	3	8.0	6.5	<5	10.0			
WC14-003	1	11	8.0	6.5	15	11.0			rain
WC15-001		1							
File: 672/16	1	3-23		7.3	5		yellow		shwrs
File: 672/16	1	4-21	12.0	6.5	5	8.9	pale yel.	141	sun/cld

◇