

# Amphibian Protocol Datasheet

Protected Area Name: Brandywine Falls Park- Lava Lake

For more information on how to find and identify amphibians, goto  
<http://www.env.gov.bc.ca/wld/frogwatch/>

Transect name or location for visual survey

Start

Zone: 10

Easting: 491540

Northing: 5543848

End

Zone: same as start

Easting: same as start

Northing: same as start

Listening station location for auditory survey

Distance from wetland: 0 m

Zone: 10

Easting: 491427

Northing: 5543601

Weather conditions (temperature, cloud cover, wind, precipitation): if the survey is on more than one day, put weather conditions in the comments field

Air temperature 10°C, Scattered cloud cover >50%, gentle breeze, occasional drizzle, snow coverage 1-5% including ice in some shallow areas of lake, background noise = quiet to some noise

Preceding 24hr Rainfall (mm) 13.4 mm on April 21

Observer: Joanna Hirner, Jenn Plotnikoff

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Did not hear any calling treefrogs at the lake lake, although could hear overlapping calling noise in the distance while at southern end of lake (at location noted below)

Sampling conditions and noise criteria on next sheet #1048898

Date/time	Survey type (visual or auditory)	species	life stage (egg, tadpole, adult)	calling noise or number (see conditions tab)	background noise (see conditions tab)	Comments
15:40	V	RAAU	E	2		These two near inflow to lake
15:55	V	Northwestern Salamander	E	1		4914369, 5543983 N
16:00	V	RAAU	E	1		491450 E, 5543977 N
16:10	V	RAAU	E	1		491443 E, 5543985 N
						Lost coordinate data ☹
~14:00	A	Pacific treefrog	A	overlapping	Quiet	Not at Lava Lake, heard in distance to south

All in NW corner of lake; see Google earth kmz file

RAAU = Rana aurora = Redlegged Frog

\*Red legged frog egg masses were in good shape (relatively freshly laid)

## Waterfowl Protocol Datasheet

Wetland name or location:

Viewing station ID	Zone	Easting	Northing
Western Goul 1	10	491540	5543848
Western Goul 2	10		

~ 11:40 - 12:20 (~40 minutes of observation)

Weather conditions (temperature, cloud cover, wind, precipitation): see criteria on conditions sheet  
Partly cloudy, light to moderate breeze, 10-15 mph, 60-70°F, 0.1-0.2 in.

Weather conditions (temperature, cloud cover, wind, precipitation): see criteria on conditions sheet  
Partly cloudy, light to moderate wind, a few sprinkles of rain, 10°C air temperature, snow coverage 1-5%  
↑ (scattered cloud cover > 50%) (gentle breeze)

Observer(s): Joanna Hirner, Jenn Plotnikoff  
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Observer(s): Joanna Hirner  
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## Waterfowl Protocol Datasheet

Wetland name or location:

Weather conditions (temperature, cloud cover, wind, precipitation): see criteria on conditions sheet

Observer(s): Joanna Hirner, JP

[illegible]

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Transect name or location for visual survey

Start (Waterfall 1) Zone: 10  
Easting: 491538  
Northing: 5543851

End Zone: 10  
Easting: 491392  
Northing: 5543951

Start time 12:15, end time 16:20

Listening station location for auditory survey

Distance from wetland: 0m

Zone: 10 Easting: 491538 Northing: 5543851

No treefrogs heard at any time

Weather conditions (temperature, cloud cover, wind, precipitation): if the survey is on more than one day, put weather conditions in the comments field

95, scattered > 50%, light breeze with fresh breeze gusts, occasional drizzle

Preceding 24hr Rainfall (mm) Not sure but did rain on May 4, 2014

Sampling conditions and noise criteria on next sheet

Observer: J.H., J.P.

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Date/time	Survey type (visual or auditory)	species	life stage (egg, tadpole, adult)	calling noise or number (see conditions tab)	background noise (see conditions tab)	Comments
2014-05-05	VIS.	NW Salamander	egg	1	Some noise	occasional sig. noise from Hwy
	VIS	NW Salamander	egg	1	"	"
	VIS	NW 1/collared	egg	1-1	"	"
	VIS	NW x3	egg	3	"	"
	VIS	N. Western	egg	1	"	"
	VIS	Northwestern	egg	2	"	"
	VIS	N. Western	egg	8+5=13	"	"
	VIS	N. Western	egg	3	"	"
	VIS	N. Western	egg	4	"	"
	VIS	Red legged	"	1	"	"
	VIS	N. Western	egg	7	"	"
	VIS	N. Western	egg	3	"	"
	VIS	1 Red Lg / 1 N. Western	egg	4+1=2-	"	"

\* red legged frog egg masses were disintegrating