

Appendix 8

Fish Collection Records

Electrofishing Locations



Fish Collection Record: Site Collection Report

Licence No. 1045626 Report Prepared By: Bruce Kilgour
 Waterbody Name: Moore Branch Township

Lot: Concession:

Collection Site No. VG-R3 (1)

Site UTM (bottom) 18 433898.32 E 5004095.76 N Datum NAD83

Site UTM (top) 18 433877.16 E 5004060.35 N

Collection Date: 19-Apr-08 Start Time: 8:53 AM End Time: NA

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
white sucker (163)	11		11		11
central mudminnow (141)	2		2		2
brook stickleback (281)	12		12		12
common shiner (198)	41		41		41
fathead minnow (209)	4		4		4
blacknose shiner (200)	4		4		4
bluntnose minnow (208)	14		14		14
creek chub (212)	7		7		7
pearl dace (214)	1		1		1
golden shiner (194)	2		2		2
northern redbelly dace (182)	2		2		2
blacknose dace (210)	1		1		1
eastern silvery minnow (190)	1		1		1

Water Temp C	8	Distance (m)	70
Air Temp C	12		
Gear	Electrofisher	Duration (s)	551
MNR Provincial Standard Used	OSAP		

Number Sp.	13
Total No. Fish	102

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present Submergent ☐ Floating ☐ Emergent ☐ None ☐
 Cover (shore) Sparse ☐ Moderate ☒ Dense ☐ Other ☐
 Cover (in water) Sparse ☐ Moderate ☒ Dense ☐ Other ☐

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Moore Branch of Van Gaal Drain	Township	
Lot:	Concession:		
Collection Site No.	VG-R3 (2)	of	
Site UTM (bottom)	18 433864	E	5004025 N Datum NAD83
Site UTM (top)	18 433926	E	5003922 N
Collection Date:	19-Apr-08	Start Time:	NA End Time: NA

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
creek chub (212)	23		23		23
central mudminnow (141)	2		2		2
brook stickleback (281)	5		5		5
common shiner (198)	20		20		20
white sucker (163)	5		5		5
northern redbelly dace (182)	1		1		1
bluntnose minnow (208)	1		1		1
eastern silvery minnow (190)	1		1		1

Water Temp C	8	Distance (m)	100
Air Temp C	12		
Gear	Electrofisher	Duration (s)	1120
MNR Provincial Standard Used	OSAP		

Number Sp.	8
Total No. Fish	58

Intermittent (y/n)	No
Watercress Present (y/n)	No
Plants Present	Submergent <input type="checkbox"/>
Cover (shore)	Sparse <input type="checkbox"/>
Cover (in water)	Sparse <input type="checkbox"/>
	Floating <input type="checkbox"/>
	Moderate <input checked="" type="checkbox"/>
	Moderate <input checked="" type="checkbox"/>
	Emergent <input type="checkbox"/>
	Dense <input type="checkbox"/>
	Dense <input type="checkbox"/>
	None <input type="checkbox"/>
	Other <input type="checkbox"/>
	Other <input type="checkbox"/>

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Van Gaul Drain Tributary	Township	
Lot:	Concession:		
Collection Site No.	VG-R3 (3)	of	
Site UTM (bottom)	18 433926	E	5003922 N Datum NAD83
Site UTM (top)	18 434114	E	5003713 N
Collection Date:	19-Apr-08	Start Time:	NA End Time: NA

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
brassy minnow (189)	1		1		1
creek chub (212)	17		17		17
northern redbelly dace (182)	3		3		3
pearl dace (214)	5		5		5
brook stickleback (281)	17		17		17
central mudminnow (141)	10		10		10
white sucker (163)	4		4		4
eastern silvery minnow (190)	2		2		2
fathead minnow (209)	2		2		2
common shiner (198)	3		3		3
longnose dace (211)	2		2		2

Water Temp C	8	Distance (m)	400
Air Temp C	12		
Gear	Electrofisher	Duration (s)	1529
MNR Provincial Standard Used	OSAP		

Number Sp.	11
Total No. Fish	66

Intermittent (y/n)	No
Watercress Present (y/n)	No
Plants Present	Submergent <input type="checkbox"/>
Cover (shore)	Sparse <input type="checkbox"/>
Cover (in water)	Sparse <input type="checkbox"/>
	Floating <input type="checkbox"/>
	Moderate <input checked="" type="checkbox"/>
	Moderate <input checked="" type="checkbox"/>
	Emergent <input type="checkbox"/>
	Dense <input type="checkbox"/>
	Dense <input type="checkbox"/>
	None <input type="checkbox"/>
	Other <input type="checkbox"/>
	Other <input type="checkbox"/>

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Moore Branch	Township	

Lot:	Concession:
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Collection Site No.	VG-R3-2 (1)	of	
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Site UTM (bottom)	18 433957	E	5003770	N	Datum	NAD83
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Site UTM (top)	18 433564	E	5003415	N		
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Collection Date:	19-Apr-08	Start Time:	NA	End Time:	NA
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Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
brassy minnow (189)	3		3		3
creek chub (212)	11		11		11
northern redbelly dace (182)	12		12		12
pearl dace (214)	30		30		30
longnose dace (211)	1		1		1
white sucker (163)	8		8		8
common shiner (198)	1		1		1
fathead minnow (209)	1		1		1

Water Temp C	8	Distance (m)	525
Air Temp C	12		
Gear	Electrofisher	Duration (s)	2789
MNR Provincial Standard Used	OSAP		

Number Sp.	8
Total No. Fish	67

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present	Submergent	<input type="checkbox"/>	Floating	<input type="checkbox"/>	Emergent	<input type="checkbox"/>	None	<input type="checkbox"/>
Cover (shore)	Sparse	<input type="checkbox"/>	Moderate	<input checked="" type="checkbox"/>	Dense	<input type="checkbox"/>	Other	<input type="checkbox"/>
Cover (in water)	Sparse	<input type="checkbox"/>	Moderate	<input checked="" type="checkbox"/>	Dense	<input type="checkbox"/>	Other	<input type="checkbox"/>

Fish Collection Record: Site Collection Report

Licence No. 1045626 Report Prepared By: Bruce Kilgour
Waterbody Name: Moore Drain Township

Lot: Concession:

Collection Site No. VG-R3-2 (2) of

Site UTM (bottom) 18 433564 E 5003415 N Datum NAD83

Site UTM (top) 18 433699 E 5003264 N

Collection Date: 19-Apr-08 Start Time: NA End Time: NA

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
northern redbelly dace (182)	3		3		3
pearl dace (214)	5		5		5
white sucker (163)	2		2		2

Water Temp C	8	Distance (m)	620
Air Temp C	12		
Gear	Electrofisher	Duration (s)	2121
MNR Provincial Standard Used	OSAP		

Number Sp.	3
Total No. Fish	10

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present Submergent ☐ Floating ☐ Emergent ☐ None ☐
Cover (shore) Sparse ☐ Moderate ☒ Dense ☐ Other ☐
Cover (in water) Sparse ☐ Moderate ☒ Dense ☐ Other ☐

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Jock River Tributary	Township	
Lot:	Concession:		
Collection Site No.	JED-1(1)	of	
Site UTM (bottom)	18 433903	E	5002855 N Datum NAD83
Site UTM (top)	18 434313	E	5002762 N
Collection Date:	19-Apr-08	Start Time:	NA End Time: 16:00

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
central mudminnow (141)	15		15		15
brook stickleback (281)	7		7		7
bluntnose minnow (208)	3		3		3
fathead minnow (209)	10		10		10
creek chub (212)	1		1		1

Water Temp C	19	Distance (m)	500
Air Temp C	21		
Gear	Electrofisher	Duration (s)	540
MNR Provincial Standard Used	OSAP		

Number Sp.	5
Total No. Fish	36

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present	Submergent	<input type="checkbox"/>	Floating	<input type="checkbox"/>	Emergent	<input type="checkbox"/>	None	<input type="checkbox"/>
Cover (shore)	Sparse	<input type="checkbox"/>	Moderate	<input checked="" type="checkbox"/>	Dense	<input type="checkbox"/>	Other	<input type="checkbox"/>
Cover (in water)	Sparse	<input type="checkbox"/>	Moderate	<input checked="" type="checkbox"/>	Dense	<input type="checkbox"/>	Other	<input type="checkbox"/>

Fish Collection Record: Site Collection Report

Licence No. 1045626 **Report Prepared By:** Bruce Kilgour
Waterbody Name: Van Gaal Drain **Township**

Lot: **Concession:** at Perth Street, just upstera ~ 100 m

Collection Site No. VG-R2(3)

Site UTM (bottom) 18 433399 **E** 5004383 **N** **Datum** NAD83

Site UTM (top) 18 433364 **E** 5004420 **N**

Collection Date: 3-Aug-08 **Start Time:** 12:11 PM **End Time:** 12:34

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
creek chub (212)	50		50		50
central mudminnow (141)	5		5		5
mottled sculpin (381)	3		3		3
common shiner (198)	45		45		45
white sucker (163)		3	3		3
spottail shiner (201)	3	1	4		4
brook stickleback (281)	22	4	26		26
blacknose dace (210)	4	4	8		8
johnny darter (341)	14		14		14
bluntnose minnow (208)	14		14		14
northern redbelly dace (182)	1		1		1
brassy minnow (189)	2		2		2
fathead minnow (209)	1		1		1

Water Temp C	22	Distance (m)	51
Air Temp C	24		
Gear	Electrofisher	Duration (s)	722
MNR Provincial Standard Used	OSAP		

Number Sp.	13
Total No. Fish	176

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present Submergent ☒

Cover (shore) Sparse ☒

Cover (in water) Sparse ☐

Notes: Chara 90% cover

Floating ☐ Emergent ☒ None ☐

Moderate ☐ Dense ☐ Other ☐

Moderate ☒ Dense ☐ Other ☐

100

grass

	X
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[illegible]

Wavelength Range (nm) No.

PL 1 PL 4 PL 2 PL 3

2011年12月10日

[illegible]

100%

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Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Van Gaal Drain	Township	

Lot: _____ **Concession:** _____

Collection Site No. VG-R2(5)

Site UTM (bottom)	<u>18 432922</u>	E	<u>5004692</u>	N	Datum	NAD83
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Site UTM (top)	18 432908	E	5004721	N
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Collection Date: 3-Aug-08 **Start Time:** **End Time:**

Fish Species Handled or Preserved

[illegible]

Water Temp C	19	Distance (m)	32
Air Temp C	24		
Gear	Electrofisher	Duration (s)	269
MNR Provincial Standard Used		OSAP	

Number Sp.	9
Total No. Fish	107

Intermittent (y/n) No
 Watercress Present (y/n) No
 Plants Present Submergent ☐ Floating ☐ Emergent ☐ None ☐
 Cover (shore) Sparse ☐ Moderate ☐ Dense ☐ Other ☐
 Cover (in water) Sparse ☐ Moderate ☐ Dense ☐ Other ☐
 Notes: clay bottom, cobble/boulder 60% cover

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Van Gaal Drain	Township	

Lot:	Concession:
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Collection Site No.	VG-R2(4)
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Site UTM (bottom)	18 433220	E	5004564	N	Datum	NAD83
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Site UTM (top)	18 433193	E	5004568	N		
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Collection Date:	3-Aug-08	Start Time:	13:10	End Time:	13:21
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Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
creek chub (212)	70		70		70
common shiner (198)	105		105		105
bluntnose minnow (208)	19		19		19
brook stickleback (281)	1		1		1
blacknose dace (210)	74		74		74
brassy minnow (189)	3		3		3
johnny darter (341)	2		2		2
mottled sculpin (381)	5		5		5
white sucker (163)	1		1		1
fathead minnow (209)	3		3		3
central mudminnow (141)	3		3		3

Water Temp C	21	Distance (m)	27
Air Temp C	24		
Gear	Electrofisher	Duration (s)	313
MNR Provincial Standard Used	OSAP		

Number Sp.	11
Total No. Fish	286

Intermittent (y/n) No
Watercress Present (y/n) No
Plants Present Submergent ☐ Floating ☐ Emergent ☐ None ☐
Cover (shore) Sparse ☐ Moderate ☐ Dense ☐ Other ☐
Cover (in water) Sparse ☐ Moderate ☐ Dense ☐ Other ☐
Notes: clay bottom with silt, Cladophora on rocks

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Tributary to Jock River	Township	
Lot:		Concession:	Ottawa Street
Collection Site No.	JED-1(1)		
Site UTM (bottom)	18 434341	E	5002742 N Datum NAD83
Site UTM (top)	18 434319	E	5002750 N
Collection Date:	3-Aug-08	Start Time:	End Time: 17:32

Fish Species Handled or Preserved

Species (MNR Code)	Adult	YOY	No Caught	No Kept	No Released
central mudminnow (141)	3		3		3
brook stickleback (281)	16		16		16
fathead minnow (209)	1		1		1
creek chub (212)	3		3		3

Water Temp C	23	Distance (m)	23
Air Temp C	22		
Gear	Electrofisher	Duration (s)	166
MNR Provincial Standard Used	OSAP		

Number Sp.	4
Total No. Fish	23

Intermittent (y/n) No
Watercress Present (y/n) No
Plants Present Submergent ☐ Floating ☒ Emergent ☒ None ☐
Cover (shore) Sparse ☒ Moderate ☐ Dense ☐ Other ☐
Cover (in water) Sparse ☐ Moderate ☒ Dense ☐ Other ☐
Notes: blue-green algae moderately covering

1

grasses

9

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Moore Branch	Township	

Lot: **Concession:** At Ottawa Street

Collection Site No. VG-R3-2(3)

Site UTM (bottom)	<u>18 433963</u>	<u>E</u>	<u>5002937 N</u>	Datum	NAD83
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Site UTM (top)	18 433578	E	5003423 N
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Collection Date:	9-Aug-08	Start Time:	9:00	End Time:	10:00
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Fish Species Handled or Preserved

[illegible]

Water Temp C	19	Distance (m)	620
Air Temp C	20.5		
Gear	Electrofisher	Duration (s)	not recorded
MNR Provincial Standard Used		OSAP	

Number Sp.	0
Total No. Fish	0

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present ☐ Submergent ☐

Cover (shore)	Sparse	
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Cover (in water)	Sparse	
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Notes: "spot" shocking

Floating ☐

Moderate	x
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Moderate	
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Emergent ☐

Dense	
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Dense	
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None ☐

Other	
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Other	
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overhanging trees

Fish Collection Record: Site Collection Report

Licence No.	1045626	Report Prepared By:	Bruce Kilgour
Waterbody Name:	Moore Branch	Township	

Lot: **Concession:** At Ottawa Street

Collection Site No. VG-R3-2(2)

Site UTM (bottom)	<u>18 433578</u>	E	<u>5003423</u>	N	Datum	NAD83
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Site UTM (top)	18 433815	E	5003636 N
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Collection Date: 9-Aug-08 **Start Time:** 10:00 **End Time:** 10:30

Fish Species Handled or Preserved

[illegible]

Water Temp C	19	Distance (m)	318
Air Temp C	20.5		
Gear	Electrofisher	Duration (s)	not recorded
MNR Provincial Standard Used		OSAP	

Number Sp.	1
Total No. Fish	1

Intermittent (y/n) No

Watercress Present (y/n) No

Plants Present Submergent ☐

Cover (shore)	Sparse	
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Cover (in water)	Sparse	
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Notes: "spot" shocking

Floating ☐

Moderate	x
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Moderate	
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Emergent ☐

Dense	
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Dense	
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None ☐

Other	
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Other	
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overhanging trees

