Appendix 8 Fish Collection Records

Electrofishing Locations



Licence No.	1045626	Report Prepared E	By: Bruce Kilg	gour		
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	Ν			
Collection Date:	19-Apr-08	Start Time:	8:53 AN	I 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 (18	32)	2		2		2
blacknose dace (210)		1		1		1
eastern silvery minnow (19	90)	1		1		1

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

Number Sp.	13
Total No. Fish	102
	•

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentSuCover (shore)Cover (in water)

Submergent Sparse Sparse

Floating Emergent Moderate x Dense Moderate x Dense

None Other Other

Licence No.	1045626		Report Prepared I	By:	Bruce Kilg	jour		
Waterbody Name:	Moore Branch o Van Gaal Drain		Township					
Lot:		-	Concession:					
Collection Site No.	VG-R3 (2)	of						
Site UTM (bottom)	18 433864	Е	5004025	Ν	Datum	NAD83		
Site UTM (top)	18 433926	Е	5003922	Ν				
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 (18	2)		1			1		1
bluntnose minnow (208)			1			1		1
eastern silvery minnow (19	90)		1			1		1
						1		
						1		
				L				1

Water Temp C	8	Distance (m)	100	Number Sp.	
Air Temp C	12			Total No. Fish	
Gear	Electrofisher	Duration (s)	1120		
MNR Provincial Standard	d Used	OSAP			

Intermittent (y/n) No Watecress Present (y/n) No Plants Present Cover (shore) Cover (in water)

Submergent Sparse Sparse

Floating Emergent Moderate Dense х х Moderate Dense



8 58

Licence No. Waterbody Name:	1045626 Van Gaul Drain	Report Prepared Township	By: Bruce Ki	lgour		
Waterbouy Name.	Tributary	Township				
Lot:		Concession:				
Collection Site No.	VG-R3 (3)	f				
Site UTM (bottom)	18 433926 E	500392	22 N Datum	NAD83		
Site UTM (top)	18 434114 E	50037 ²	13 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 (18	2)	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 (19	90)	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	Number Sp.	11
Air Temp C	12			Total No. Fish	66
Gear	Electrofisher	Duration (s)	1529		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentVover (shore)Cover (shore)Vover (in water)

Submergent Sparse Sparse

Floating		Emergent	No
Moderate	Х	Dense	Ot
Moderate	х	Dense	Ot



Licence No.	1045626	Report Prepared By	 Bruce Kilg 	jour		
Waterbody Name:	Moore Branch	Township				
Lot:		Concession:				
Collection Site No.	VG-R3-2 (1) of					
Site UTM (bottom)	18 433957 E	5003770	N Datum	NAD83		
Site UTM (top)	18 433564 E	5003415 I	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)		3		3		3
creek chub (212)		11		11		11
northern redbelly dace (1	82)	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
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						ļ
		↓				

Water Temp C	8	Distance (m)	525	Number Sp.	8
Air Temp C	12			Total No. Fish	67
Gear	Electrofisher	Duration (s)	2789		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentSCover (shore)SCover (in water)S

Submergent _____ Sparse ____ Sparse ____ FloatingEmergentNoModeratexDenseOtModeratexDenseOt

None	
Other	
Other	

Licence No.	1045626	Report Prepared	By: Bruce Kile	gour		
Waterbody Name:	Moore Drain	Township				
Lot:		Concession:				
Collection Site No.	VG-R3-2 (2) o	f				
Site UTM (bottom)	<u>18 433564</u> E	50034	15 N Datum	NAD83		
Site UTM (top)	18 433699 E	500320	64 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 (18	32)	3		3		3
pearl dace (214)		5		5		5
white sucker (163)		2		2		2
				_		-
				-		
				4		
Water Temp C	8	Distance (m)	620	Number	Sn	3
	0		020		<u></u>	5

Water Temp C	8	Distance (m)	620	Number Sp.	3
Air Temp C	12			Total No. Fish	10
Gear	Electrofisher	Duration (s)	2121		
MNR Provincial Standard Used		OSAP			

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentVover (shore)Cover (shore)Vover (in water)

Submergent Sparse Sparse

Floating		Emergent	None
Moderate	Х	Dense	Other
Moderate	х	Dense	Other

Licence No.	1045626	Report Prepared	By: Bruce Kilo	gour		
Waterbody Name:	Jock River	Township				
	Tributary					
Lot:	, , , , , , , , , , , , , , , , , , ,	Concession:				
Collection Site No.	JED-1(1)	of				
Site UTM (bottom)	18 433903	E 500285	5 N Datum	NAD83		
Site UTM (top)	18 434313 I	500276	2 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
				-		
				_		
						┨────┤
L		1				
	T					

Water Temp C	19	Distance (m)	500	1	Number Sp.	5
Air Temp C	21				fotal No. Fish	36
Gear	Electrofisher	Duration (s)	540			
MNR Provincial Standard	Used	OSAP]		

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentVover (shore)Cover (shore)Vover (in water)

Submergent _____ Sparse ____ Sparse ____ FloatingEmergentNoModeratexDenseOtModeratexDenseOt

None Other Other

Licence No.	1045626		Report Prepared B	y:	Bruce Kilo	gour		
Waterbody Name:	Van Gaal Drain		Township					
Lot:			Concession:	at F	Perth Stree	t, just upsteran	n ~ 100 m	
Collection Site No.	VG-R2(3)							
Site UTM (bottom)	18 433399	Е	5004383	Ν	Datum	NAD83		
Site UTM (top)	18 433364	Е	5004420	Ν				
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 (18	2)		1			1		1
brassy minnow (189)	•		2			2		2
fathead minnow (209)			1			1		1

Water Temp C	22	Distance (m)	51	Number Sp.	13
Air Temp C	24			Total No. Fish	176
Gear	Electrofisher	Duration (s)	722		
MNR Provincial Standard	l Used	OSAP			

Intermittent (y/n) No Watecress Present (y/n) No Plants Present Cover (shore) Cover (in water) Notes:

Submergent x Sparse Х Sparse Chara 90% cover

Floating Emergent х Moderate Dense Х Moderate Dense



Licence No.	1045626		Report Prepared By:	Bruce Kilg	our		
Waterbody Name:	Moore Branch		Township				
Lot:			Concession:				
Collection Site No.	VG-R3(2)						
Site UTM (bottom)	18 433859	Е	5004003 N	Datum	NAD83		
Site UTM (top)	18 433871	E	5003994 N				
Collection Date:	3-Aug-08		Start Time: 15	:30	End Time:	15:46	
Fish Species Handled or	r Preserved						
Species (MNR Code)			Adult	YOY	No Caught	No Kept	No Released
creek chub (212)			11		11		11
brook stickleback (281)			11		11		11
common shiner (198)			21		21		21
central mudminnow (141)			1		1		1
							
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Water Temp C	17	Distance (m)	15	Number Sp.	4
Air Temp C	24			Total No. Fish	44
Gear	Electrofisher	Duration (s)	126		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n) Watecress Present (y/n) No **Plants Present** Cover (shore) Cover (in water) Notes:

Submergent Floating Sparse Moderate Sparse Moderate clay bottom, no in-water cover

No

Emergent None Dense Other grass Dense Other х

Licence No.	1045626		Report Prepared By:		Bruce Kilgour				
Waterbody Name:	Van Gaal Drain		Township						
Lot:			Concession:						
Collection Site No.	VG-R2-2(1)								
Site UTM (bottom)	18 432893	Е	5004726	Ν	Datum	NAD83			
Site UTM (top)	18 432881	Е	5004708	Ν					
Collection Date:	3-Aug-08		Start Time:	14:	30	End Time:	14:45		
Fish Species Handled or	Preserved								
Species (MNR Code)			Adult		YOY	No Caught	No Kept	No Released	
central mudminnow (141)			20			20		20	
common shiner (198)			12			12		12	
creek chub (212)			2			2		2	
brook stickleback (281)			1			1		1	
mottled sculpin (381)			4			4		4	
blacknose dace (210)			3			3		3	
johnny darter (341)			1			1		1	

Water Temp C	20.5	Distance (m)	22	Number Sp.	7
Air Temp C	24			Total No. Fish	43
Gear	Electrofisher	Duration (s)	298		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentSuitCover (shore)SpatCover (in water)SpatNotes:grat

No No Submergent Floating Sparse Moderate Sparse Moderate grass is canopy, ~ 100%

EmergentNonexDensexOtherDenseOtherx

Licence No.	1045626	Report Prepared E	3y: Bruce Kilo	gour		
Waterbody Name:	Van Gaal Drain	Township				
Lot:		Concession:				
Collection Site No.	VG-R2-1(1)					
Site UTM (bottom)	18 432918 E	5004738	3 N Datum	NAD83		
Site UTM (top)	18 432928 E	500473	5 N			
Collection Date:	3-Aug-08	Start Time:	14:15	End Time:	14:27	
Fish Species Handled or	r Preserved					
Species (MNR Code)		Adult	YOY	No Caught	No Kept	No Released
central mudminnow (141)		9		9		9
brook stickleback (281)		1		1		1
			-	-		
		+		-		
				-		
		4				
Water Temp C	21	Distance (m)	10	Number		2
Air Temp C	24			Total No	. Fish	10
Gear	Electrofisher	Duration (s)	142			
MNR Provincial Standar	d Used	OSAP				

Intermittent (y/n)	No							
Watecress Present (y/n)	No							
Plants Present	Submergent	х	Floating	х	Emergent	х	None	
Cover (shore)	Sparse		Moderate		Dense		Other	
Cover (in water)	Sparse		Moderate	х	Dense		Other	
Notes:	clay bottom, due	ckw	eed and other plants				-	

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)	18 432922	E 5004692 N	Datum	NAD83		
Site UTM (top)	18 432908	E 5004721 N				
Collection Date:	3-Aug-08	Start Time:		End Time:		
Fish Species Handled or	Preserved					
Species (MNR Code)		Adult	YOY	No Caught	No Kept	No Released
common shiner (198)		41		41		41
creek chub (212)		25		25		25
central mudminnow (141)		18		18		18
blacknose dace (210)		15		15		15
mottled sculpin (381)		2		2		2
white sucker (163)		1		1		1
bluntnose minnow (208)		2		2		2
rock bass (311)		2		2		2
johnny darter (341)		1		1		1
Water Temp C	19	Distance (m) 32	<u> </u>	Number	Sn	9
			-	11011001	-r·	Ŭ

Water Temp C	19	Distance (m)	32	Number Sp.	9
Air Temp C	24			Total No. Fish	107
Gear	Electrofisher	Duration (s)	269		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)	No					
Watecress 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, cob	ble	/boulder 60% cover		· · · · ·	

Licence No.	1045626		Report Prepared E	3y:	Bruce Kilo	gour		
Waterbody Name:	Van Gaal Dra	in	Township					
Lot:			Concession:					
Collection Site No.	VG-R2(4)							
Site UTM (bottom)	18 433220	Е	5004564	1 N	Datum	NAD83		
Site UTM (top)	18 433193	Е	5004568	3 N				
Collection Date:	3-Aug-(8	Start Time:	13	:10	End Time:	13:21	
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
				+				
				1				
			l	Ť		1 1		
			l	Ť		1 1		
<u> </u>			1	1				
			•			<u> </u>		•

Water Temp C	21	Distance (m)	27	Number Sp.	11
Air Temp C	24			Total No. Fish	286
Gear	Electrofisher	Duration (s)	313		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)	No						
Watecress 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 rock	(S		-	

Fish Collection Record: Site Collection Report Licence No. 1045626 Report Prepared By: Bruce Kilgour

Licence No.	1045626	Report Prepared B	y: Bruce Kilg	our		
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	Ν			
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
, <i>i</i>						
Water Temp C	23	Distance (m)	23	Number	Sp.	4
Air Temp C	22			Total No.		23
Gear	Electrofisher	Duration (s)	166			
MNR Provincial Standard		OSAP]		
Intermittent (y/n)	No					

watecress Present (y/n)	NO				
Plants Present	Submergent	Floating x	Emergent	x None	
Cover (shore)	Sparse x	Moderate	Dense	Other	
Cover (in water)	Sparse	Moderate x	Dense	Other	
Notes:	blue-green algae mod	lerately covering	_		

Licence No.	1045626	Report Prepared B	y: Bruce Kilg	our		
Waterbody Name:	Van Gaal Drain	Township				
Lot:		Concession:				
Collection Site No.	VG-R2(1)	upstream of Moore	Branch, downst	ream of Perth	Street	
Site UTM (bottom)	<u>18 434341</u> E	5002742	N Datum	NAD83		
Site UTM (top)	18 434319 E	5002750	Ν			
Collection Date:	3-Aug-08	Start Time:	16:21	End Time:	16:28	
Fish Species Handled or	r Preserved					
Species (MNR Code)		Adult	YOY	No Caught	No Kept	No Released
creek chub (212)		2		2		2
pumpinseed (313)		3		3		3
mottled sculpin (381)		1		1		1
central mudminnow (141)		3		3		3
				-		
				+		<u> </u>
				+		
				+		
		1	1			1

Water Temp C	22	Distance (m)	23	Number Sp.	4
Air Temp C	22.5			Total No. Fish	9
Gear	Electrofisher	Duration (s)	201		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentVoCover (shore)VoCover (in water)Notes:

Submergent Sparse Sparse Floating Emergent Moderate Dense x Moderate Dense

None grasses Other Other

Licence No.	1045626	Report Prepared By:	Bruce Kilg	our		
Waterbody Name:	Van Gaal Drain	Township				
Lot:		Concession: ne	ear Fortune a	and		
Collection Site No.	VG-R2(2)	upstream of Moore Bra	nch, downst	ream of Perth	Street	
Site UTM (bottom)	18 433703 E	5004169 N	Datum	NAD83		
Site UTM (top)	18 433651 E	5004195 N	—			
Collection Date:	9-Aug-08	Start Time:		End Time:	12:12	
Fish Species Handled or	Preserved					
Species (MNR Code)		Adult	YOY	No Caught	No Kept	No Released
creek chub (212)		56		56		56
common shiner (198)		25		25		25
blacknose dace (210)		28		28		28
central mudminnow (141)		5		5		5
mottled sculpin (381)		5		5		5
northern pike (131)		1		1		1
white sucker (163)		6		6		6
rock bass (311)		1		1		1
bluntnose minnow (208)		11		11		11
brassy minnow (189)		4		4		4
johnny darter (341)		5		5		5
		+				
						───

Water Temp C	19	Distance (m)	58	Number Sp.	11
Air Temp C	20.5			Total No. Fish	147
Gear	Electrofisher	Duration (s)	400		
MNR Provincial Standard	Used	OSAP			

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentSCover (shore)SCover (in water)Notes:

Submergent Sparse Sparse

Floating	Emergent	None
Moderate	Dense	Othe
Moderate	Dense	Othe

None Other Other

Licence No.	1045626	Report Prepared B	y: Bruce Kilg	our		
Waterbody Name:	Moore Branch	Township				
Lot:		Concession:	At Ottawa Stre	et		
Collection Site No.	VG-R3-2(3)					
Site UTM (bottom)	18 433963 E	5002937	N Datum	NAD83		
Site UTM (top)	18 433578 E	5003423	N			
Collection Date:	9-Aug-08	Start Time:	9:00	End Time:	10:00	
Fish Species Handled of	or Preserved					
Species (MNR Code)		Adult	YOY	No Caught	No Kept	No Released
No fish observed						
				+		
				+		
				1		
				+		
				1		
Water Temp C	19	Distance (m)	620	Number		0
Air Temp C	20.5			Total No		0
Gear	Electrofisher	Duration (s)	not recorded			
MNR Provincial Standa	rd Used	OSAP				

Intermittent (y/n) No Watecress Present (y/n) No Plants Present Su Cover (shore) Cover (in water) Notes: "spot"

Submergent Sparse Sparse "spot" shocking Floating Emergent Moderate x Dense Moderate Dense

None Other overhaning trees Other

Licence No.	1045626		Report Prepared By:	: Bruce Kilo	jour		
Waterbody Name:	Moore Branch		Township				
Lot:			Concession:	At Ottawa Stre	eet		
Collection Site No.	VG-R3-2(2)						
Site UTM (bottom)	18 433578	Ε	5003423	N_Datum	NAD83		
Site UTM (top)	18 433815	Е	5003636	N			
Collection Date:	9-Aug-08		Start Time:	10:00	End Time:	10:30	
Fish Species Handled or	· Preserved						
Species (MNR Code)			Adult	YOY	No Caught	No Kept	No Released
central mudminnow (141)			1		1	0	1
Water Temp C	19		Distance (m)	318	Number	Sn	1
Air Temp C	20.5			510	Total No		1
Gear	Electrofisher		Duration (s)	not recorded			

Intermittent (y/n) No Watecress Present (y/n) No Plants Present S Cover (shore) Cover (in water) Notes: "spo

MNR Provincial Standard Used

Submergent Sparse Sparse "spot" shocking OSAP

Floating Emergent Moderate x Dense Moderate Dense

None Other overhaning trees Other

Licence No.	1045626	Report Prepared By	y: Bruce Kilg	our		
Waterbody Name:	Moore Branch	Township				
Lot:		Concession:	At Ottawa Stre	et		
Collection Site No.	VG-R3(3)					
Site UTM (bottom)	18 433926 E	5003922	N Datum	NAD83		
Site UTM (top)	E		N			
Collection Date:	9-Aug-08	Start Time:	10:45	End Time:	11:00	
Fish Species Handled or	Preserved					
Species (MNR Code)		Adult	YOY	No Caught	No Kept	No Released
creek chub (212)		1		1	0	1
brook stickleback (281)		2		2	0	2
pearl dace (214)			29	29	0	29
						1
		I	L	I		I
Water Temp C	19	Distance (m)	318	Number	Sp.	3
Air Temp C	20.5			Total No		32
Gear	Electrofisher	Duration (s)	not recorded	1		
MNR Provincial Standard	d Used	OSAP		1		

Intermittent (y/n)NoWatecress Present (y/n)NoPlants PresentCover (shore)Cover (in water)Notes:"sp

Submergent Sparse Sparse "spot" shocking Floating Emergent Moderate x Dense Moderate Dense

None Other overhaning trees