Figure 61 WB37 (Downstream)

Sydenham Trib A

Figure 62 WB13 (upstream)

Dortmans's Drain

Figure 63 WB27 (no surface waterbody)

Richardson-Early Drain

Figure 64 WB28 (no surface waterbody)

Appendix III
Site Investigation Water Body Details

Subwatershed	Drainage Catchment	Conservation Authority Jurisdiction	Water body Name	Field WB Location ID	Previous WB Location ID	Report WB Location ID	UTM			Thermal Regime	Flow Regime	Fish Community (provided by CA or MNR)	Site Investigation Date	Weather Conditions				Precipitation Received 2 Weeks Prior to Survey (mm)	Precipitation Received 48 hours Prior to Survey (mm)	Flow Regime (based on field observation)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Max Water Depth (m)	Avg Water Depth (m)	Visible Discharge Rate (low/mod/high)	Clarity	Substrate (% area)				Channel Morph (% area)				Channel Gradient	Channel Veg	Ground Water Indicators	Bank Veg	Field Notes	WB Description for Report	Water Body (Y/N)
														Wind	Cloud Cover	Air Temp (°C)	Precip at Time of Survey											Fines (sand/silt/clay)	Gravel	Cobble	Boulder	Run	Riffle	Flat	Pool							
	Adelaide Creek	ABCA	Adelaide Creek	AHP90	WB90	WB59	17T	439773	4768209	warm water, top predators present, no channelization in last 10 years	n/a	warm water, top predators present (ABCA & DFO 2004)	4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	9.2	7.5	na	(max depth too deep to measure by hand)	-	Low	Low	-	30	30	40	-	-	100	-	Low	Turbidity too high	None	Terrestrial Grasses, Deciduous Trees, and Herbaceous plants	Large Water body, High turbidity	intermittent/permanent water body with naturalized channel	Y
				AHP95	WB95	WB60	17T	439980	4769200		n/a		4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	4.2	3	2.1	0.8	-	Low	High	10	20	30	40	10	-	30	60	Low	Terrestrial Grasses	None	Terrestrial Grasses and Herbaceous plants	Small waterfall may act as fish barrier	intermittent/permanent water body with a defined channel	Y
						WB58	17T	440416	4764422		n/a		Referenced observations from WB34	-	-	-	-	-	-	Intermittent or Permanent	15.2	13.1	5	3.6	-	Low	Low	70	20	10	-	-	-	20	80	Low	na	none	Terrestrial Grasses and Herbaceous plants	Large Water body, High turbidity	intermittent/permanent water body with a defined channel	Y
				AHP34	WB34	WB34	17T	440284	4764299		n/a		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or Permanent	15.2	13.1	5	3.6	-	Low	Low	70	20	10	-	-	-	20	80	Low	na	none	Terrestrial Grasses and Herbaceous plants	Large Water body, High turbidity	intermittent/permanent water body with a defined channel, aquatic vegetation present	Y
				WC34									19-Sep-11	4	100%	-	Rain	42.8	29.4		15	12	-	1.25 (murky)	-	Low	Low	70	10	20	-	-	-	-	-	Low	duckweed sp.	None	-	Large Creek; possible fish habitat, steep bank, erosion evident		
			Adelaide Trib A			WB48	17T	439900	4768889	warmwater (Veliz 2001)	n/a	warmwater baitfish species (ABCA 2007)	30-Mar-12	6	100%	2	0	5	0	Ephemeral	0.3	0.2	0.12	0.09	0.01	low	High	90	-	-	10	-	-	100	-	Low	none	None	Herbaceous plants and Shrubs	very short channel, between tile outlet and tile inlet at road side	ephemeral, poorly defined channel	N
				AHP96	WB96	WB61	17T	439811	4768692		n/a		4-Nov-11	0	40	12	0	20.4	0	Ephemeral	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	none	Terrestrial Grasses	No access to main channel, no water body visible	ephemeral, poorly defined channel	N
			Adelaide Trib B	AHP100	WB1	WB1	17T	439406	4763295		tiled		3-Nov-11	4	100	15	0	12.6	0	Ephemeral	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Terrestrial Grasses	none	na	Grassed Waterway	ephemeral, grassed waterway, no defined channel	N
			Adelaide Trib C	AHP31	WB31	WB31	17T	442318	4764290		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	2	1.7	1.2	0.2	-	Low	High	90	10	-	-	-	-	-	100	Low	Terrestrial Grasses	None	Terrestrial Grasses	Channelized Drain, through agricultural Fields	ephemeral, channelized drain	N
				WC31									19-Sep-11	4	100%	-	Heavy Rain	42.8	29.4		2.5	1.5	0.7	0.5	-	Low	Low	100	-	-	-	-	-	-	-	Low	Terrestrial Grasses	None	Terrestrial Grasses	Recently Influenced, Grassed further upstream		
			Adelaide Trib D	AHP32	WB32	WB32	17T	441794	4764301		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	-	No surface water body	ephemeral, no water body feature present	N
			Adelaide Trib E	AHP33	WB33	WB33	17T	441114	4764309		tiled		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	2.1	1	0.7	0.2	-	Low	Moderate	60	40	-	-	-	-	20	80	Low	Terrestrial Grasses	None	Terrestrial Grasses and Herbaceous plants	Shaded Channelized Drain	intermittent/permanent water body, channelized	Y
				WC33									19-Sep-11	4	100%	-	Rain	42.8	29.4		1.5	0.75	-	0.15	-	Low	Low	85	10	5	-	-	-	-	-	Low	-	None	Terrestrial Grasses and Herbaceous plants	Defined Channel, Low flow, possible fish habitat		
			Adelaide Trib F	AHP97	WB97	WB64	17T	439748	4767872		n/a		4-Nov-11	0	40	12	0	20.4	0	Ephemeral	1.2	na	0.4	na	-	na	na	na	na	na	na	na	na	na	na	na	na	na	None	Terrestrial Grasses and Herbaceous plants	Defined Channel, No water body	ephemeral, grassed drainage ditch	N
			Cleland Drain	AHP2	WB2	WB2	17T	439401	4762737		n/a		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	4.1	1.25	0.75	1.25	-	Low	High	80	10	10	-	-	10	30	60	Low	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	Channelized Drain	intermittent/permanent water body, channelized	Y
			Brent Drain A	AHP3	WB3	WB3	17T	439393	4761798		tiled		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	none	na	Grassed Waterway	ephemeral, no surface water present, grassed waterway	N
			Wilson Drain	AHP4	WB4	WB4	17T	439394	4761450		n/a		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	3.6	2.1	1.1	0.4	-	Low	Moderate	30	30	40	-	10	-	30	60	Low	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	Channelized Drain	intermittent/permanent water body, channelized	Y
				WC4									19-Sep-11	4	100%	-	Rain	42.8	29.4		4.5	3	1	-	-	Low	Low	75	10	10	5	-	-	-	-	Low	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	limited water upstream, very murky, very straight (channelized)		
			Brown Drain	AHP7	WB7	WB7	17T	440313	4760181		tiled		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	1.75	na	na	na	-	na	na	10	-	90	-	na	na	na	na	low	Terrestrial Grasses and Cattails	Tile Drain Outlet	Terrestrial Grasses	Dry Channel, Culvert Crossing Road	ephemeral, poorly defined channel, grassed waterway	N
			Brown Drain - Branch A	AHP6	WB6	WB6	17T	439832	4760088		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	7	6.1	0.4	0.2	-	Low	Low	10	10	80	-	-	-	1	99	Low	Terrestrial Grasses and Cattails	Tile Drain Outlet	Terrestrial Grasses	Channelized Drain, Culvert Crossing Road	ephemeral, poorly defined channel	N
						WB57	17T	439907	4759947		tiled		Referenced observations from WB6	-	-	-	-	-	-	Ephemeral	7	6.1	0.4	0.2	-	Low	Low	10	10	80	-	-	-	1	99	Low	Terrestrial Grasses and Cattails	Tile Drain Outlet	Terrestrial Grasses	Channelized Drain, Culvert Crossing Road	ephemeral, poorly defined channel	N
			Brown Drain - Branch B	AHP5	WB5	WB5	17T	439384	4760732		n/a		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	Terrestrial Grasses	none	na	Grassed Waterway	ephemeral, grassed water way	N
				AHP16	WB16	WB16	17T	441837	4759533		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	3.5	3	0.95	0.35	-	Low	Moderate	90	-	10	-	20	-	-	80	Low	Terrestrial Grasses	Multiple Tile Drain Outlets	Terrestrial Grasses and Herbaceous plants	Multiple Tile Drain Outlets, Channelized Drain	intermittent/permanent water body, channelized	Y
				AHP17	WB17	WB17	17T	442007	4759721		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	4.5	2.5	1.2	0.4		Low	Low	80	-	20	-	-	-	-	100	Low	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	Undercut banks	intermittent/permanent water body, channelized	Y
			Morgan Drain-Branch A	AHP14	WB14	WB14	17T	441212	4759591		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	3.2	1.6	0.75	0.25	-	Low	Moderate	80	-	-	20	10	-	40	50	Low	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	Boulder mostly made up of concrete rubble	intermittent/permanent water body, channelized	Y
			Down Drain	AHP18	WB18	WB18	17T	444877	4760144		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	1.6	0.6	0.6	0.15	-	Low	High	40	30	30	-	-	-	70	30	Low	Terrestrial Grasses, and Algae	none	Terrestrial Grasses and Herbaceous plants	Channelized Drain, significant substrate sorting	intermittent/permanent water body, channelized	Y
			Branton Drain	AHP19	WB19	WB19	17T	444892	4760387		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	-	na	na	na	na	na	na	na	na	na	na	na	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	poorly defined channel	ephemeral, grassed water way, no surface water present	N
				AHP20	WB20	WB20	17T	444904	4760718		n/a		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	-	na	na	na	na	na	na	na	na	na	na	na	na	none	na	poorly defined channel	ephemeral, no water body feature present	N
				WC20									19-Sep-11	4	100%	-	Light Rain	42.8	29.4		2.3	2	0.6	0.35	-	low	low	75	10	10	5	-	-	-	-	low	Terrestrial Grasses	None	Terrestrial Grasses	no flow visible, no fish observed		
			Rombout Drain	AHP29	WB29	WB29	17T	444020	4764282		tiled		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No water body, No defined channel	ephemeral, no water body feature present	N
			Seeds Drain	AHP30	WB30	WB30	17T	443276	4764274		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	3.4	3	0.9	0.27	-	Low	Moderate	80	20	-	-	10	-	30	60	Low	Terrestrial Grasses	none	Terrestrial Grasses	Natural Channel, very low flow	intermittent/permanent water body, channelized	Y
				WC30									19-Sep-11	4	100%	-	Heavy Rain	42.8	29.4		4	1.25	0.9	0.4	-	low	Low	65	30	5	-	-	-	-	-	Low	Terrestrial Grasses	none	Terrestrial Grasses	Flow from along road side due to rain, flow within channel		
				AHP38	WB38	WB38	17T	443108	4763144		intermittent		30-Mar-12	4	100%	7	0	5	0	Ephemeral	3	2.5	0.7	0.52	0.45	low	High	90	5	5	-	-	-	100	-	low	Cattails	None	Terrestrial Grasses and Herbaceous plants	Very low flow, tile fed, heavily channelized drain, no surface water upstream	ephemeral, channelized drain	N
						WB55	17T	443110	4762938		intermittent		30-Mar-12	4	100%	7	0	5	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No surface water present, underground drainage, drain inlet present	ephemeral, no water body feature present, tile inlet present	N
				WB56		WB56	17T	443143	4762784		tiled		30-Mar-12	4	100%	7	0	5	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No surface water present, underground drainage, drain inlet present	ephemeral, no water body feature present, tile inlet present	N

Subwatershed	Drainage Catchment	Conservation Authority Jurisdiction	Water body Name	Field WB Location ID	Previous WB Location ID	Report WB Location ID	UTM			Thermal Regime	Flow Regime	Fish Community (provided by CA or MNR)	Site Investigation Date	Weather Conditions				Precipitation Received 2 Weeks Prior to Survey (mm)	Precipitation Received 48 hours Prior to Survey (mm)	Flow Regime (based on field observation)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Max Water Depth (m)	Avg Water Depth (m)	Visible Discharge Rate (low/mod/high)	Clarity	Substrate (% area)				Channel Morph (% area)				Channel Gradient	Channel Veg	Ground Water Indicators	Bank Veg	Field Notes	WB Description for Report	Water Body (Y/N)
														Wind	Cloud Cover	Air Temp (°C)	Precip at Time of Survey											Fines (sand/silt/clay)	Gravel	Cobble	Boulder	Run	Riffle	Flat	Pool							
Ausable River	Mud Creek	ABCA	Dodman's Drain	AHP22	WB22	WB22	17T	445169	4762784	warm water (Veliz 2001)	intermittent	warm water baitfish species (ABCA 2007)	3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	4	1.5	1	0.12	-	Low	Moderate	100	-	-	-	30	-	30	40	Low	none	none	Deciduous Trees	Undercut banks, Channelized Drain	intermittent/permanent water body, channelized	Y
						WB51	17T	444906	4762252		intermittent		30-Mar-12	3	100%	2	sleet, freezing rain	5	0	Intermittent or permanent	1.6	1.1	0.21	0.12	0.09	low	High	100	-	-	-	-	-	100	-	Low	none	none	Terrestrial grasses	Heavily channelized drain through agricultural fields, very low flow, very steep banks, all clay substrate	intermittent/permanent water body, channelized	Y
				AHP39	WB39	WB39	17T	444928	4762522		intermittent		30-Mar-12	3	100%	4	sleet,freezing rain	5	0	Intermittent or permanent	2.4	1.6	0.5	0.31	0.25	low	High	85	10	5	-	-	-	100	-	low	none	none	Terrestrial grasses	Heavily channelized drain, very low flow, very steep banks	intermittent/permanent water body, channelized	Y
				AHP21	WB21	WB21	17T	444911	4761585		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	2.7	1.3	1.1	0.21	-	Low	Moderate	60	-	40	-	5	-	95	-	Low	Terrestrial Grasses	None	Terrestrial Grasses	Channelized Drain	intermittent/permanent water body, channelized	Y
				WC21									19-Sep-11	4	100%	-	light	42.8	29.4		3	0.75	-	0.5	-	low	low	70	15	15	-	-	-	-	-	low	Terrestrial Grasses	None	Terrestrial Grasses	Channelized Drain		
			Walker Drain	AHP23	WB23	WB23	17T	445483	4762702		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	5.6	1.35	1.2	0.24	-	Low	Moderate	100	-	-	-	-	-	30	70	Low	Terrestrial Grasses	none	Terrestrial Grasses and Herbaceous plants	Undercut banks, Channelized Drain	intermittent/permanent water body, channelized	Y
			Sutherland Drain	AHP24	WB24	WB24	17T	445555	4762883		intermittent		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	4.5	2.6	3.1	1.5	-	Low	Moderate	70	10	20	-	-	-	20	80	Low	Terrestrial Grasses	None	Terrestrial Grasses and Herbaceous plants	Undercut banks, Channelized Drain	intermittent/permanent water body, channelized	Y
						WB50	17T	445710	4763134		intermittent		Referenced Observations from WB24	-	-	-	-	-	-	Intermittent or permanent	4.5	2.6	3.1	1.5	-	Low	Moderate	70	10	20	-	-	-	20	80	Low	Terrestrial Grasses	None	Terrestrial Grasses and Herbaceous plants	Undercut banks, Channelized Drain	intermittent/permanent water body, channelized	Y
			Vangeffen Drain	AHP25	WB25	WB25	17T	446112	4762779		tiled		3-Nov-11	4	100%	15	0	12.6	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No water body, No defined channel	ephemeral, no surface water present, poorly defined channel	N
				AHP26	WB26	WB26	17T	446417	4762562		tiled		3-Nov-11	4	100%	15	0	12.6	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No water body, No defined channel	ephemeral, no surface water present, poorly defined channel	N
						WB49	17T	446282	4762635		tiled		Referenced Observations from WB26	4	100%	15	0	12.6	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No water body, No defined channel	ephemeral, no surface water present, poorly defined channel	N
	Ausable River	ABCA	Ausable River	AHP93	WB93	WB41	17T	440205	4770199	warm water (Veliz 2001)	n/a	northern pike, walleye and migratory rainbow trout (Veliz 2001)	4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	7.3	5.9	5.9	1.7	-	Low	Low	80	20	-	-	-	-	100	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, Deciduous Trees, and Herbaceous plants	Large Water body, High turbidity	intermittent/permanent water body, naturalized channel	Y
			Ausable Trib A			WB44	17T	440593	4771791		n/a	warm water baitfish species (ABCA 2007)	30-Mar-12	4	100%	7	0	5	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, no surface water present, surface water inlet present	N
			Ausable Trib B			WB45	17T	440459	4771738		n/a		Referenced Observations from WB44	-	-	-	-	-	-	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, no surface water present, surface water inlet present	N
			Ausable Trib C			WB46	17T	440340	4771228		n/a		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, poorly defined channel	N
						WB47	17T	440290	4770990		n/a		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, poorly defined channel	N
			Ausable Trib D	AHP94	WB94	WB40	17T	440358	4770839		n/a		4-Nov-11	0	40	12	0	20.4	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	None	Terrestrial Grasses, and Cattails	no surface water body, or defined channel	ephemeral, poorly defined channel, no surface water present	N
			Ausable Trib E			WB82	17T	453087	4774469		n/a		Observations made by local CA and based on Air Photo Review	-	-	-	-	-	-	Intermittent or Permanent	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	natural meandering watercourse	Y
			Ausable Trib F			WB83	17T	452968	4774354		n/a		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, poorly defined channel	N
			Ausable Trib G			WB81	17T	452361	4773899		n/a		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, poorly defined channel	N
			Ausable Trib H			WB84	17T	452599	4774516		n/a		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	ephemeral, poorly defined channel	N
	Lenting Drain	ABCA	Lenting Drain	APP98	WB98	WB42	17T	439417	4767032	cool/coldwater, trout/salmon present (SCRCA & DFO 2004)	n/a	coldwater species, trout and salmon present (SCRCA & DFO 2004)	4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	3.2	2.1	1.3	0.6	-	Low	Moderate	80	-	20	-	-	-	100	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	Channelized Drain	intermittent/permanent water body, channelized	Y
				AHP99	WB99	WB10	17T	439429	4766391		n/a		4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	3.6	3.1	0.8	0.3	-	Low	Low	90	-	10	-	-	-	-	100	Low	Terrestrial Grasses	None	Terrestrial Grasses, Deciduous Trees, and Herbaceous plants	Channelized Drain	intermittent/permanent water body, channelized	Y
				AHP100	WB100	WB11	17T	439432	4766985		n/a		4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	5.2	3.6	0.7	0.25	-	Moderate	High	10	-	40	50	30	10	60	-	Moderate	Terrestrial Grasses	None	Terrestrial Grasses, Deciduous Trees, and Herbaceous plants	Channelized Drain	intermittent/permanent water body, channelized	Y
Big Swamp Drain		ABCA	Big Swamp Drain	WB42		WB68	17T	450772	4774397	warm water (Veliz 2001)	n/a	warm water baitfish species (ABCA 2007)	30-Mar-12	4	1	4	0	5	0	Intermittent or Permanent	5.6	5	0.56	0.25	-	low	moderate turbidity	90	-	5	-	-	-	100	-	Low	Terrestrial Grasses	None	terrestrial grasses, herbaceous plants, and deciduous trees	Channelized Drain	intermittent/permanent water body, channelized	Y
	Ptsebe	ABCA	Ptsebe Trib A	AHP65	WB65	WB65	17T	441374	4775167	warm water (Veliz 2001)	n/a	warm water baitfish species (ABCA 2007)	4-Nov-11	0	40	12	0	20.4	0	Intermittent or Permanent	7	1.5	2.75	0.5	-	Low	Low	80	-	20	-	-	-	10	90	Low	Terrestrial Grasses	None	Terrestrial Grasses	Channelized Drain, Undercut Banks	intermittent/permanent water body, channelized	Y
						WB12	17T	441351	4775401		n/a		Referenced Observations at WB65	-	-	-	-	-	-	Intermittent or Permanent	7	1.5	2.75	0.5	-	Low	Low	81	-	21	-	-	-	10	90	Low	Terrestrial Grasses	None	Terrestrial Grasses	Channelized Drain, Undercut Banks	intermittent/permanent water body, channelized	Y
						WB43	17T	441245	4775682		n/a		Referenced Observations at WB66	-	-	-	-	-	-	Intermittent or Permanent	7	1.5	2.75	0.5	-	Low	Low	82	-	22	-	-	-	10	90	Low	Terrestrial Grasses	None	Terrestrial Grasses	Channelized Drain, Undercut Banks	intermittent/permanent water body, channelized	Y
			Ptsebe Trib B	AHP62	WB62	WB62	17T	440815	4772726		n/a		4-Nov-11	0	40	12	0	20.4	0	Ephemeral	3.2	0.75	0.2	0.05	-	Low	Moderate	100	-	-	-	-	-	90	10	Low	Terrestrial Grasses	None	Terrestrial Grasses	Heavily overgrown with Terrestrial Grasses, very low flow	ephemeral, grassed drain	N
				AHP63	WB63	WB63	17T	440857	4772949		n/a		4-Nov-11	0	40	12	0	20.4	0	Ephemeral	0.7	na	0.2	na	-	na	na	70	-	30	-	na	na	na	na	-	Terrestrial Grasses	None	Terrestrial Grasses	Very poorly defined channel, no signs of substrate sorting	ephemeral, grassed waterway	N
			Ptsebe Trib C			WB35	17T	440666	4772656		n/a		Referenced Observations from WB62	-	-	-	-	-	-	Ephemeral	3.2	0.75	0.2	0.05	-	Low	Moderate	100	-	-	-	-	-	90	10	Low	Terrestrial Grasses	None	Terrestrial Grasses	Heavily overgrown with Terrestrial Grasses, very low flow	ephemeral. Poorly defined channel	N
			Ptsebe Trib D	AHP66		WB79	17T	441728	4776525		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	4.2	1	2.1	0.2	-	Low	moderate turbidity	60	30	10	-	-	60	40	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	box culvert at road side	intermittent/permanent water body, aquatic vegetation present	Y
				AHP66		WB80	17T	441669	4776396		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	4.2	1	2.1	0.2	-	Low	moderate turbidity	60	30	10	-	-	60	40	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	box culvert at road side	intermittent/permanent water body, aquatic vegetation present	Y
			Ptsebe Trib E	AHP67		WB78	17T	442112	4776434		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	6.1	2.5	2.5	0.4	-	Low	moderate turbidity	80	-	20	-	-	-	10	90	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	30+ Cyprinidae observed	intermittent/permanent water body, fish present	Y
			Ptsebe Trib F	AHP67		WB77	17T	442204	4776393		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	6.1	2.5	2.5	0.4	-	Low	moderate turbidity	80	-	20	-	-	-	10	90	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	partially channelized, 30+ Cyprinidae observed	intermittent/permanent water body, partially channalized, fish observed	Y
			Ptsebe Trib G	AHP68		WB76	17T	443204	4776176		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	11.5	4	3.1	1	-	Low	low turbidity	60	20	20	-	-	-	20	80	Low	Terrestrial Grasses	None	Terrestrial Grasses, and deciduous trees	20+ Cyprinidae observed	intermittent/permanent water body, naturanized defined channel, fish observed	Y
			Ptsebe Trib H	AHP80		WB75	17T	444882	4775784		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	3.1	0.3	1.2	0.2	-	Low	low turbidity	20	80	-	-	-	70	30	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	box culvert at road side	intermittent/permanent water body, channalized	Y
			Ptsebe Trib I	AHP81		WB72	17T	446395	4775429		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	9.2	0.6	3.1	0.12	-	Low	moderate turbidity	60	20	-	20	-	-	90	10	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	Channalized, flows through agricultural field	intermittent/permanent water body, channalized, flows through agricultural fields	Y
				AHP82		WB74	17T	446859	4775304		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	4.2	0.9	1.7	0.2	-	Low	low turbidity	70	30	-	-	-	20	80	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	Channalized, flows through agricultural field		Y
			Ptsebe Trib J	AHP82		WB73	17T	446888	4775191		n/a		2-Nov-11	2	30	10	0	12.6	0	Intermittent or permanent	4.2	0.9	1.7	0.2	-	Low	low turbidity	70	30	-	-	-	20	80	-	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	Channalized, flows along an agricultural field	intermittent/permanent water body, channalized, flows through agricultural fields	Y
			Ptsebe Trib K	AHP83		WB71	17T	447529	4775175		n/a		2-Nov-11	2	30	10	0	12.6	0	Ephemeral	3.4	1.9	2.1	0.4	-	none	high turbidity	80	20	-	-	-	-	1	99	Low	Terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	Tile drain	ephemeral, channalized drainage feature through agricultural fields	N
			Ptsebe Trib L	AHP84		WB70	17T	449027	4774829		n/a		2-Nov-11	2	30	10	0	12.6	0	Ephemeral	4.1	-	1.9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ephemeral, channalized drainage feature through agricultural fields	N
			Ptsebe Trib M	WB88		WB69	17T	450185	4774528		n/a		2-Nov-11	2	30	10	0	12.6	0	Ephemeral	2.3	2	0.5	0.19	-	very low	low turbidity	100	-	-	-	-	-	-	-	Low	Cattails and terrestrial Grasses	None	Terrestrial Grasses, and Herbaceous plants	Roadside ditch	ephemeral, channalized drainage ditch along road	N

Subwatershed	Drainage Catchment	Conservation Authority Jurisdiction	Water body Name	Field WB Location ID	Previous WB Location ID	Report WB Location ID	UTM			Thermal Regime	Flow Regime	Fish Community (provided by CA or MNR)	Site Investigation Date	Weather Conditions				Precipitation Received 2 Weeks Prior to Survey (mm)	Precipitation Received 48 hours Prior to Survey (mm)	Flow Regime (based on field observation)	Bank Full Width (m)	Wetted Width (m)	Bank Full Depth (m)	Max Water Depth (m)	Avg Water Depth (m)	Visible Discharge Rate (low/mod/high)	Clarity	Substrate (% area)				Channel Morph (% area)				Channel Gradient	Channel Veg	Ground Water Indicators	Bank Veg	Field Notes	WB Description for Report	Water Body (Y/N)
														Wind	Cloud Cover	Air Temp (°C)	Precip at Time of Survey											Fines (sand/silt/clay)	Gravel	Cobble	Boulder	Run	Riffle	Flat	Pool							
Sydenham River	Sydenham River	SCRCA	Stevenson Drain	AHP8	WB8	WB8	17T	437826	4759849	warm water (Veliz 2001)	intermittent	warm water baitfish species (ABCA 2007)	3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	1.5	na	0.3	na	-	na	na	100	-	-	-	na	na	na	na	na	na	na	na	Dry, Channel in agricultural field	ephemeral, swale through agricultural field	N
			Sullivan Drain	AHP9	WB9	WB9	17T	438299	4759228		tiled		3-Nov-11	4	100%	15	0	12.6	0	Ephemeral	na	na	na	na	-	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No visible Channel, In agricultural Field	ephemeral, swale through agricultural field	N
				AHP36	WB36	WB36	17T	437465	4758132		n/a		Referenced Observations from WB37	-	-	-	-	-	-		2	1.3	0.45	0.5	0.45	none	High	60	40	-	-	-	-	97	-	low	Terrestrial grasses	none	Terrestrial Grasses, and Herbaceous plants	Crayfish observed on site, surface algae mats, frogs observed on site, heavily channelized, some meander	ephemeral, poorly defined channel	N
						WB66	17T	437926	4758877		tiled		Referenced Observations from WB37	-	-	-	-	-	-		2	1.3	0.45	0.5	0.45	none	High	60	40	-	-	-	-	98	-	low	Terrestrial grasses	none	Terrestrial Grasses, and Herbaceous plants	Crayfish observed on site, surface algae mats, frogs observed on site, heavily channelized, some meander	ephemeral, poorly defined channel	N
						WB67	17T	437749	4758550		tiled		Referenced Observations from WB37	-	-	-	-	-	-		2	1.3	0.45	0.5	0.45	none	High	60	40	-	-	-	-	99	-	low	Terrestrial grasses	none	Terrestrial Grasses, and Herbaceous plants	Crayfish observed on site, surface algae mats, frogs observed on site, heavily channelized, some meander	ephemeral, poorly defined channel	N
				WB37	WB37	WB37	17T	437509	4758340		unclassified		30-Mar-12	5	90%	7	0	5	0	Ephemeral	2	1.3	0.45	0.5	0.45	none	High	60	40	-	-	-	-	100	-	low	Terrestrial grasses	none	Terrestrial Grasses, and Herbaceous plants	Crayfish observed on site, surface algae mats, frogs observed on site, heavily channelized, some meander	ephemeral, channelized drain	N
			Sydenham Trib A	AHP13	WB13	WB13	17T	441560	4757478		unclassified		3-Nov-11	4	100%	15	0	12.6	0	Intermittent or permanent	3.25	3	0.4	0.12	-	Low	Moderate	100	-	-	-	-	-	-	100	Low	none	none	Deciduous Trees	Heavily Shaded, Detritus Filled	ephemeral, no water body feature present	N
			Dortmans's Drain	AHP27		WB27	17T	444502	4758103		intermittent		3-Nov-11	4	100%	15	0	12.6	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No water body, No defined channel	ephemeral, no water body feature present	N
			Richardson-EarlyDrain	AHP28		WB28	17T	437962	4757499		unclassified		3-Nov-11	4	100%	15	0	12.6	0	No water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	No water body, No defined channel	ephemeral, no water body feature present	N
			Johnson Drain-Branch A			WB52	17T	440330	4757635		unclassified		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	no feature present, tile drained	N
			Raply Drain			WB53	17T	440704	4757499		tiled		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present	no feature present, tile drained	N
						WB54	17T	440855	4757489		tiled		Screened through Air Photo Interpretation, tile drained	-	-	-	-	-	-	no water body	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	no surface water body, or defined channel. Tile inlet present		N