






















Drainage Feature	Water Body Point	Description	Photographs
Simpson Drain	WB-058	Upstream, looking southeast	
		Downstream, looking southwest	
Campbell Drain	WB-067	Upstream, looking southeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Campbell Drain	WB-068	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-069	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Campbell Drain	WB-060	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-061	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Campbell Drain	WB-200	Upstream, looking south	
		Downstream, looking north	
	WB-201	Upstream, looking east	
		Downstream, looking west	

Drainage Feature	Water Body Point	Description	Photographs
Campbell Drain	WB-062	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-063	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Catton Drain	WB-071	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-155	Upstream, looking east	
		Downstream, looking west	


Drainage Feature	Water Body Point	Description	Photographs
Prins Drain	NWB-215	Upstream, looking southeast	
		Downstream, looking northeast	
	NWB-216	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Prins Drain	NWB-217	Upstream, looking southeast	
		Downstream, looking northwest	
McNeilage Drain	WB-059	Upstream, looking southeast	
		Downstream, looking west	





Drainage Feature	Water Body Point	Description	Photographs
Boynton Drain and Townline Drain	WB-017	Upstream, looking southeast	
		Downstream, looking northeast	
13 th Concession Pump Works	WB-018	Upstream, looking southeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Baldoon Drain	WB-120	Upstream, looking southeast	
		Downstream, looking northwest	
	NWB-227	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Baldoon Drain	NWB-226	Upstream, looking southeast	
		Downstream, looking northwest	
Dyer Drain	WB-115	Upstream, looking southeast	
		Downstream, looking northeast	





Drainage Feature	Water Body Point	Description	Photographs
Dyer Drain	WB-116	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-117	Upstream, looking northeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Dyer Drain	WB-203	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-118	Upstream, looking southeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Dyer Drain	WB-119	Upstream, looking south	
		Downstream, looking northeast	
	NWB-224	Upstream, looking southeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Dyer Drain	NWB-239	Upstream, looking southeast	
		Downstream, looking northwest	
	NWB-240	Upstream, looking southeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Porter Drain	NWB-230	Upstream, looking southeast – no drainage feature present	
		Downstream, looking northwest	
Cameron Drain	NWB-244	Upstream, looking north	
		Downstream, looking south	

Drainage Feature	Water Body Point	Description	Photographs
Cameron Drain	NWB-243	Upstream, looking east	
		Downstream, looking west	
	NWB-245	Upstream, looking east	
		Downstream, looking west	













Drainage Feature	Water Body Point	Description	Photographs
McKay Drain	WB-070	Upstream, looking south	
		Downstream, looking north	
Unnamed Pond A	NWB-232	Condition of pond	





Table 3. Lake St. Clair Watershed – Big Creek Drain Subwatershed





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain F	NWB-221	Upstream, looking southeast	
		Downstream, N/A	No drainage feature present downstream
Kennedy Drain	WB-112	Upstream, looking southeast	
	WB-112	Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Kennedy Drain	NWB-238	Upstream, looking southeast	
		Downstream, looking northwest	
Hooker Drain	WB-111	Upstream, looking northeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-086	Upstream, looking east	
		Downstream, looking west	
	WB-087	Upstream, looking southwest	
		Downstream, looking northeast	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-088	Upstream, looking southwest	
		Downstream, looking northeast	
	WB-089	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-090	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-091	Upstream, looking east	
		Downstream, looking west	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-092	Upstream, looking east	
		Downstream, looking southwest	
	WB-093	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-094	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-095	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-096	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-097	Upstream, looking east	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-098	Upstream, looking east	
		Downstream, looking west	
	WB-099	Upstream, looking southwest	
		Downstream, looking northeast	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-100	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-101	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-102	Upstream, looking south	
		Downstream, looking north	
	WB-104	Upstream, looking east	
		Downstream, looking west	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-103	Upstream, looking east	
		Downstream, looking west	
	WB-150	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Big Creek Drain	WB-105	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-151	Upstream, looking south	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Mills Drain	WB-107	Upstream, looking northeast	
		Downstream, looking southwest	
	NWB-222	Upstream, looking northeast	
		Downstream, looking southwest	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain C	WB-085	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-106	Upstream, looking northeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Johnson Drain	WB-109	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-110	Upstream, looking northeast	
		Downstream, looking southwest	

Drainage Feature	Water Body Point	Description	Photographs
Johnson Drain	NWB-223	Upstream, looking northeast	
		Downstream, looking southwest	
Faubert Drain	WB-108	Upstream, looking southeast	
		Downstream, looking northeast	

Drainage Feature	Water Body Point	Description	Photographs
Pollock Drain	WB-083	Upstream, looking northeast	
		Downstream, looking south	
	WB-113	Upstream, looking southeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Townline Drain	WB-145	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-146	Upstream, looking southeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Townline Drain	WB-114	Upstream, looking southeast	
		Downstream, looking southwest	
Unnamed Drain G	WB-166	Upstream, looking northeast	
		Downstream, looking southwest	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain G	WB-167	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-168	Upstream, looking northeast	
		Downstream, looking southwest	




















Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain G	WB-169	Upstream, looking northeast	
		Downstream, looking southwest	
Unnamed Pond B	NWB-233	Pond not visible from road due to distance and dense vegetation	





Table 4. Lake St. Clair Watershed – Rankin Creek Subwatershed





Drainage Feature	Water Body Point	Description	Photographs
Hyatt Fryer Drain	NWB-229	Upstream, looking southeast	
		Downstream, looking northwest	
	NWB-228	Upstream, looking southeast	
		Downstream, looking northwest	

Drainage Feature	Water Body Point	Description	Photographs
Rankin Creek Drain	WB-123	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-149	Upstream, looking east	
		Downstream, looking west	

Drainage Feature	Water Body Point	Description	Photographs
Rankin Creek Drain	WB-124	Upstream, looking south	
		Downstream, looking north	
	WB-125	Upstream, looking south	
		Downstream, looking north	

Drainage Feature	Water Body Point	Description	Photographs
Rankin Creek Drain	WB-126	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-127	Upstream, looking east	
		Downstream, looking west	

Drainage Feature	Water Body Point	Description	Photographs
Rankin Creek Drain	WB-128	Upstream, looking east	
		Downstream, looking west	
	WB-129	Upstream, looking north	
		Downstream, looking south	

Drainage Feature	Water Body Point	Description	Photographs
Rankin Creek Drain	WB-130	Upstream, looking north	
		Downstream, looking southwest	
King Drain	WB-131	Upstream, looking northeast	
		Downstream, looking southwest	



Drainage Feature	Water Body Point	Description	Photographs
Montgomery Drain	WB-192	Upstream, looking southeast	
		Downstream, looking northwest	
Unnamed Drain T	WB-204	N/A	Photograph not available. Feature was too far away to appear in a photograph.

Table 5. Lake St. Clair Watershed – Marchand Drain Subwatershed



















Drainage Feature	Water Body Point	Description	Photographs
Marchand Drain	WB-193	Upstream, looking northeast	
	WB-193	Downstream, looking northwest	





Table 6. Lower Thames River Watershed – Southwest Lower Thames River Subwatershed

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Watercourse	WB-156	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-157	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Watercourse	WB-158	Upstream, looking east	
		Downstream, looking west	
	WB-159	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Watercourse	WB-160	Upstream, looking west	
		Downstream, looking east	
	WB-161	Upstream, looking northwest	
		Downstream, looking southeast	





Drainage Feature	Water Body Point	Description	Photographs
Hind Drain	WB-194	Upstream, looking southeast	
		Downstream, looking southwest	
Unnamed Drain H	WB-195	Upstream, looking southwest	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain H	WB-196	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-197	Upstream, looking southeast	
		Downstream, looking northwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain H	NWB-251	Upstream, looking northeast	
		Downstream, looking southwest	
	NWB-252	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain I	WB-181	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-182	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain I	WB-183	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-184	Upstream, looking northeast	
		Downstream, looking southeast	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain J	WB-185	Upstream, looking northwest	
		Downstream, looking southeast	
Unnamed Drain K	WB-176	Upstream, looking northwest	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain K	WB-177	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-178	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain L	WB-170	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-171	Upstream, looking northeast	
		Downstream, looking southwest	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain L	WB-172	Upstream, looking northeast	
		Downstream, looking west	
	WB-173	Upstream, looking east	
		Downstream, looking west	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain L	WB-198	Upstream, looking north	
		Downstream, looking south	
	WB-199	Upstream, looking north	
		Downstream looking south	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain L	WB-174	Upstream, looking southeast	
		Downstream, looking northwest	
	WB-175	Upstream, looking east	
		Downstream, looking west	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain M	WB-179	Upstream, looking southwest	
		Downstream, looking northeast	
	WB-180	Upstream, looking southwest	
		Downstream, looking northeast	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain N	NWB-250	Upstream, looking northwest	
		Downstream, looking southeast	
	NWB-249	Upstream, looking northwest	
		Downstream, looking southeast	





Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain O	WB-191	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-189	Upstream, looking northeast	
		Downstream, looking west	



Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain P	WB-162	Upstream, looking southeast	
		Downstream, looking northwest	
Unnamed Drain Q	WB-164	Upstream, looking northeast	
		Downstream, looking southwest	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain Q	WB-163	Upstream, looking northeast	
		Downstream, looking southwest	
	WB-165	Upstream, looking northeast	
		Downstream, looking southwest	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain R	NWB-254	Upstream, looking northeast	
		Downstream, looking southwest	
	NWB-253	Upstream, looking northeast	
		Downstream, looking southwest	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain S	WB-202	Upstream, looking northwest	
		Downstream, looking southeast	
	WB-188	Upstream, looking Northwest	
		Downstream, looking southeast	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain S	WB-187	Upstream, looking northwest	
		Downstream, looking southeast	
	WB-186	Upstream, looking northwest	
		Downstream, looking southeast	

Drainage Feature	Water Body Point	Description	Photographs
Unnamed Drain S	WB-190	Upstream, looking northeast	
		Downstream, looking southwest	

Appendix III
Site Investigation Summary Details

Appendix III. Site Investigation Summary Details.

Report ID	Watercourse Name	Drainage Area	UTM Coordinate (Zone 17T)		Site Investigation Date (2015)	Precipitation in Prior 48hrs	Weather Conditions				Flow Regime Based on field Observations	Feature Definition (Defined/ Poorly Defined)	Feature Characteristic (Sinuosity/ Straight)	Feature Vegetation	Bank Vegetation	Water Body (Y/N)	Notes (i.e. Groundwater Indicators, Fish Observed)
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
WB-001	Maxwell Creek Drain	Sydenham River	394974	4713505	April 13	No data	4 SW	70	17	0	Permanent	Defined	Moderate degree of sinuosity	Terrestrial grasses and duckweed sp.	Terrestrial grasses	Y	Well defined channel
WB-002	Maxwell Creek Drain	Sydenham River	394611	4713182	April 13	No data	4 SW	70	17	0	Permanent	Poorly defined	Low degree of sinuosity	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Poor channel definition
WB-003	Maxwell Creek Drain	Sydenham River	393290	4712013	April 13	No data	4 SW	70	17	0	Permanent	Defined	Low degree of sinuosity	Cattail sp. and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Well defined channel
WB-004	Maxwell Creek Drain	Sydenham River	392933	4711685	April 13	No data	4 SW	70	17	Rain	Permanent	Defined	Low degree of sinuosity	<i>Phragmites</i> sp.	<i>Phragmites</i> sp. and deciduous trees	Y	Recently cleaned channel with deposits of woody debris
WB-005	Maxwell Creek Drain	Sydenham River	391030	4710980	April 13	No data	4 SW	70	17	Rain	Permanent	Defined	Low degree of sinuosity	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel
WB-006	Maxwell Creek	Sydenham River	390442	4710428	April 28	No data	0	30	11	0	Permanent	Defined	Low degree of sinuosity	None visible	Deciduous shrubs and trees	Y	Large well defined waterbody with high turbidity
WB-007	Daly Drain	Sydenham River	395511	4713966	April 13	No data	4 SW	70	17	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Channelized drain
WB-008	Kirby Drain	Sydenham River	396500	4713397	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses and deciduous trees	Y	Dense patches of cattail sp.
WB-009	13 th Concession Road Drain North	Sydenham River	396723	4713148	April 14	2.2	2 NW	20	8	0	Intermittent	Defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense patches of cattail sp.
WB-010	13 th Concession Road Drain North	Sydenham River	396626	4713054	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense patches of cattail sp.
WB-011	13 th Concession Road Drain North	Sydenham River	396297	4712766	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Terrestrial vegetation along stream bed suggests long periods of no flow
WB-012	13 th Concession Road Drain North	Sydenham River	394396	4711093	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Terrestrial grasses and <i>Phragmites</i> sp.	<i>Phragmites</i> sp.	Y	Terrestrial vegetation along stream bed suggests long periods of no flow
WB-013	13 th Concession Road Drain North	Sydenham River	394032	4710778	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Terrestrial grasses and <i>Phragmites</i> sp.	<i>Phragmites</i> sp.	Y	Terrestrial vegetation along stream bed suggests long periods of no flow
WB-014	Wells Drain	Sydenham River	397133	4712710	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	None – recently cleaned	None – recently cleaned	Y	Recently cleaned channelized drain deposits of cattail sp. debris in removed sediment suggest some degree of permanence
WB-015	Boynton Drain	Sydenham River	390842	4709861	April 13	No data	4 SW	70	17	Rain	Intermittent	Defined	Low degree of sinuosity	Terrestrial grasses	Terrestrial grasses	Y	No visible flow
WB-016	Boynton Drain	Sydenham River	390429	4709510	April 13	No data	4 SW	70	17	Rain	Intermittent	Defined	Low degree of sinuosity	Cattail sp. and <i>Phragmites</i> sp.	Terrestrial grasses and deciduous shrubs	Y	Dense cattail sp. downstream, channelized drain
WB-017	Boynton Drain and Townline Drain	Sydenham River	390175	4709108	April 20	No data	4 W	100	17	Light Rain	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	Patches of terrestrial grasses within stream bed
WB-018	13th Concession Pump Works	Sydenham River	390678	4708500	April 20	No data	4 W	100	17	0	Intermittent	Defined	Straight	None	Terrestrial grasses	Y	Well defined channel with high water turbidity
WB-019	13 th Concession Road Drain North	Sydenham River	393856	4710625	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	Presence of duckweed sp. suggests some degree of permanence
WB-020	13 th Concession Road Drain North	Sydenham River	393478	4710300	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	Presence of duckweed sp. suggests some degree of permanence
WB-021	13 th Concession Road Drain North	Sydenham River	392931	4709829	April 14	2.2	2 NW	20	8	0	Permanent	Defined	Straight	Duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Presence of duckweed sp. suggests some degree of permanence
WB-022	13 th Concession Road Drain North	Sydenham River	392500	4709450	April 14	2.2	2 NW	20	8	0	Permanent	Defined	Straight	Duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Presence of duckweed sp. suggests some degree of permanence
WB-023	13 th Concession Road Drain North	Sydenham River	391896	4708931	April 14	2.2	2 NW	20	8	0	Permanent	Defined	Straight	Duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Presence of duckweed sp. suggests some degree of permanence
WB-024	13 th Concession Road Drain North	Sydenham River	391532	4708613	April 14	2.2	2 NW	20	8	0	Permanent	Defined	Straight	Duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Presence of duckweed sp. suggests some degree of permanence
WB-025	Townline Drain	Sydenham River	391006	4708173	April 14	2.2	2 NW	20	8	0	Permanent	Defined	Straight	Cattail sp.	Terrestrial grasses	Y	Large waterbody with high degree of turbidity
WB-026	Carter Drain	Sydenham River	392669	4709593	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Moderate degree of sinuosity	Duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Presence of duckweed sp. suggests some degree of permanence
WB-027	Parrott Drain	Sydenham River	397683	4712120	April 14	2.2	2 NW	20	8	0	Intermittent	Defined	Straight	None – recently cleaned	Terrestrial grasses	Y	Recently cleaned channelized drain with patches of cattail sp. adjacent
WB-028	Wells Drain Extension	Sydenham River	397199	4711686	April 15	2.2	0	30	9	0	Intermittent	Defined	Straight	None	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Recently cleaned channelized drain with some degree of substrate sorting
WB-029	Watson Base Line Drain	Sydenham River	397920	4711844	April 15	2.2	0	30	9	0	Intermittent	Defined	Straight	Cattail sp.	Terrestrial grasses	Y	Recently cleaned channelized drain with some degree of substrate sorting
WB-030	Bear Drain	Sydenham River	398132	4711583	April 15	2.2	0	30	9	0	Intermittent	Defined	Straight	Cattail sp.	Terrestrial grasses	Y	Well defined channel with evidence of substrate sorting.
WB-031	Bear Drain	Sydenham River	397071	4710653	May 7	11.0	0	5	24	0	Intermittent	Poorly defined	Straight	Pondweed sp.	Terrestrial grasses	Y	Poorly defined channel with signs of recent clean out
WB-032	Bear Drain	Sydenham River	396880	4710491	May 7	11.0	0	5	24	0	Intermittent	Poorly defined	Straight	Pondweed sp.	Terrestrial grasses	Y	Poorly defined channel with signs of recent clean out
WB-033	Bear Drain	Sydenham River	395773	4709526	April 28	No data	0	30	11	0	Intermittent	Poorly defined	Straight	None visible	<i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. throughout
WB-034	Gray Drain	Sydenham River	398618	4711072	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Large waterbody with signs of substrate sorting
WB-035	Gray Drain	Sydenham River	398360	4710846	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Large waterbody with signs of substrate sorting

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							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
WB-036	Gray Drain	Sydenham River	398144	4710658	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Pondweed sp.	Terrestrial grasses	Y	Channelized drain with patches of Pondweed sp.
WB-037	Gray Drain	Sydenham River	397911	4710450	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Evidence of substrate sorting
WB-038	Gray Drain	Sydenham River	397651	4710221	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Terrestrial grasses	Terrestrial grasses and deciduous shrubs	Y	Evidence of substrate sorting
WB-039	Gray Drain	Sydenham River	396992	4709647	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Well defined channel with evidence of substrate sorting.
WB-040	Gray Drain	Sydenham River	396198	4708953	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Well defined channel with evidence of substrate sorting.
WB-041	Solomon Drain	Sydenham River	398146	4708813	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses and horse tail sp.	Y	Duckweed sp. suggests some degree of permanence
WB-042	Solomon Drain	Sydenham River	397516	4708268	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Dense terrestrial grasses throughout
WB-043	Little Bear Creek Drain	Sydenham River	400002	4709487	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Large waterbody with high degree of turbidity
WB-044	Little Bear Creek Drain	Sydenham River	398643	4708217	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Low degree of sinuosity	None	Terrestrial grasses and deciduous trees	Y	Large WB with high degree of turbidity
WB-045	Purdie Creek Drain	Sydenham River	400503	4708955	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Moderate degree of sinuosity	Cattail sp. and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Patches of cattail sp. Throughout
WB-046	Millar and Leak Drain	Sydenham River	399240	4707843	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Low degree of sinuosity	Watercress sp.	Terrestrial grasses and coniferous trees	Y	Watercress sp. along stream bed
WB-047	Millar and Leak Drain	Sydenham River	398920	4707912	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Low degree of sinuosity	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Patches of cattail sp. throughout
WB-048	Little Bear Creek Drain	Sydenham River	396345	4708013	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Straight	None visible	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Large waterbody with high degree of turbidity
WB-049	Little Bear Creek Drain	Sydenham River	396213	4708174	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Straight	Duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel with traces of algae
WB-050	Little Bear Creek Drain and Gray Drain	Sydenham River	395835	4708649	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	<i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Large well defined channel
WB-051	Little Bear Creek Drain	Sydenham River	395541	4708994	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Large waterbody with high degree of turbidity
WB-052	Bear Drain	Sydenham River	395552	4709061	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	<i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel with evidence of substrate sorting.
WB-053	Little Bear Creek Drain	Sydenham River	395397	4708948	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	<i>Phragmites</i> sp. and duckweed sp.	<i>Phragmites</i> sp.	Y	Very large waterbody with signs of erosion along edges
WB-055	Little Bear Creek Drain	Sydenham River	392135	4706867	April 21	No data	4 SW	100	9	0	Permanent	Defined	Low degree of sinuosity	None visible	<i>Phragmites</i> sp. and deciduous shrubs	Y	Large waterbody with good channel definition
WB-056	Little Bear Creek Drain	Sydenham River	391728	4706890	April 20	No data	4 W	100	17	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel with high water turbidity
WB-057	Little Bear Creek Drain	Sydenham River	390414	4707619	April 20	No data	4 W	100	17	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with high water turbidity
WB-058	Simpson Drain	Sydenham River	398928	4707591	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Watercress sp., cattail sp., and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Channelized drain
WB-059	McNeilage Drain	Sydenham River	401237	4705197	April 17	5.0	2 SW	0	12	0	Intermittent	Poorly defined	Straight	Cattail sp. and <i>Phragmites</i> sp.	Terrestrial grasses and deciduous shrubs	Y	Dense dry grasses and cattail sp. debris throughout
WB-060	Campbell Drain	Sydenham River	400206	4704959	April 17	5.0	2 SW	0	12	0	Intermittent	Poorly defined	Straight	None	Terrestrial grasses and deciduous shrubs	Y	Recently cleaned channelized drain with some degree of substrate sorting
WB-061	Campbell Drain	Sydenham River	398867	4705637	April 16	0.0	5 SE	40	9	0	Intermittent	Defined	Low degree of sinuosity	Pondweed sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Northern Pike observed on site
WB-062	Campbell Drain	Sydenham River	398235	4705740	April 16	0.0	5 SE	40	9	0	Intermittent	Defined	Low degree of sinuosity	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. debris throughout
WB-063	Campbell Drain	Sydenham River	397532	4706368	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	Dense duckweed sp. and dense algae
WB-064	Henderson-Campbell Drain	Sydenham River	396165	4707065	April 16	0.0	5 SE	40	9	0	Intermittent	Defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Dense patches of cattail sp.
WB-065	Henderson-Campbell Drain	Sydenham River	395337	4707646	April 28	No data	0	30	11	0	Intermittent	Defined	Straight	Watercress sp. and <i>Phragmites</i> sp.	<i>Phragmites</i> sp. and terrestrial grasses	Y	Patches of watercress sp. throughout
WB-066	Henderson-Campbell Drain	Sydenham River	395061	4707941	April 15	2.2	0	30	9	0	Intermittent	Defined	Straight	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel with evidence of substrate sorting.
WB-067	Campbell Drain	Sydenham River	401980	4704327	April 17	5.0	2 SW	0	12	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Channelized drain
WB-068	Campbell Drain	Sydenham River	401604	4704328	April 17	5.0	2 SW	0	12	0	Intermittent	Defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses and coniferous trees	Y	Channelized Drain with dense cattail sp. debris build up
WB-069	Campbell Drain	Sydenham River	401119	4704811	April 24	No data	5 SW	5	7	0	Intermittent	Poorly defined	Straight	Terrestrial grasses	Deciduous shrubs	Y	Dense woody debris throughout waterbody
WB-070	McKay	Sydenham River	400150	4704892	April 17	5.0	2 SW	0	12	0	Intermittent	Poorly defined	Straight	<i>Phragmites</i> sp.	Deciduous shrubs and <i>Phragmites</i> sp.	Y	Dense filamentous algae throughout
WB-071	Catton Drain	Sydenham River	399216	4705946	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Dense dry grasses and cattail sp. debris throughout

Report ID	Watercourse Name	Drainage Area	UTM Coordinate (Zone 17T)		Site Investigation Date (2015)	Precipitation in Prior 48hrs	Weather Conditions				Flow Regime Based on field Observations	Feature Definition (Defined/ Poorly Defined)	Feature Characteristic (Sinuosity/ Straight)	Feature Vegetation	Bank Vegetation	Water Body (Y/N)	Notes (i.e. Groundwater Indicators, Fish Observed)
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
WB-072	Sylvester Drain	Sydenham River	397207	4703650	April 28	No data	0	30	11	0	Intermittent	Poorly defined	Low degree of sinuosity	<i>Phragmites</i> sp. and duckweed sp.	<i>Phragmites</i> sp.	Y	Very dense <i>Phragmites</i> sp. within channel
WB-073	Sylvester Drain	Sydenham River	397193	4703879	April 28	No data	0	30	11	0	Intermittent	Poorly defined	Low degree of sinuosity	<i>Phragmites</i> sp. and watercress sp.	<i>Phragmites</i> sp.	Y	Very low flow observed
WB-074	Sylvester Drain	Sydenham River	397344	4704307	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Watercress sp., cattail sp. and duckweed sp.	Terrestrial grasses	Y	Watercress sp. along stream bed
WB-075	Sylvester Drain	Sydenham River	396394	4705385	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Low degree of sinuosity	<i>Phragmites</i> sp.	<i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. debris throughout
WB-076	Sylvester Drain	Sydenham River	395261	4706283	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Cattail sp. very little in main channel	Terrestrial grasses	Y	Dense patches of cattail sp. and algae
WB-077	Sylvester Drain	Sydenham River	394338	4707311	April 15	2.2	0	30	9	0	Intermittent	Defined	Straight	Duckweed sp.	Terrestrial grasses and deciduous trees	Y	Well defined channel with traces of duckweed sp.
WB-078	Pollock Drain	Sydenham River	394792	4705850	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses, and deciduous trees	Y	Dense cattail sp. build up throughout
WB-079	Pollock Drain	Sydenham River	394183	4706543	April 28	No data	0	30	11	0	Intermittent	Poorly defined	Straight	Cattail sp. and watercress sp.	Terrestrial grasses	Y	Dense build up of aquatic vegetation
WB-080	Pollock Drain	Sydenham River	394005	4706740	April 28	No data	0	30	11	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Dense build up of cattail sp. debris throughout
WB-081	Pollock Drain	Sydenham River	393847	4706888	April 15	2.2	0	30	9	0	Intermittent	Defined	Straight	Cattail sp.	Terrestrial grasses	Y	Dense cattail sp. patches throughout
WB-082	Pollock Drain	Sydenham River	393218	4707578	April 28	No data	0	30	11	0	Intermittent	Poorly defined	Straight	Cattail sp.	<i>Phragmites</i> sp.	Y	Poorly Defined Drain with dense cattail sp. throughout
WB-083	Pollock Drain	Sydenham River	393167	4706273	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Aquatic invertebrates observed throughout reach
WB-084	Pollock Drain	Sydenham River	393595	4706652	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Cattail sp. patches throughout
WB-085	Unnamed Drain C	Sydenham River	402757	4703480	April 17	5.0	2 SW	0	12	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Recently cleaned channelized drain
WB-086	Big Creek Drain	Sydenham River	402659	4703581	April 17	5.0	2 SW	0	12	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Deciduous trees and terrestrial grasses	Y	High turbidity
WB-087	Big Creek Drain	Sydenham River	401492	4703927	April 24	No data	5 SW	5	7	0	Permanent	Defined	Low degree of sinuosity	None - recently cleaned	Terrestrial grasses	Y	Northern Pike observed within waterbody
WB-088	Big Creek Drain	Sydenham River	401262	4703929	April 24	No data	5 SW	5	7	0	Permanent	Defined	Low degree of sinuosity	None - recently cleaned	Terrestrial grasses	Y	Fish observed within waterbody
WB-089	Big Creek Drain	Sydenham River	400814	4702813	April 17	5.0	2 SW	0	12	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	High turbidity
WB-090	Big Creek Drain	Sydenham River	400202	4703092	April 22	No data	3 SW	100	7	Light Snow	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses	Y	Well defined channel with abundant overhanging bank vegetation
WB-091	Big Creek Drain	Sydenham River	399047	4703538	April 24	No data	5 SW	5	7	0	Permanent	Defined	Low degree of sinuosity	Filamentous algae	Terrestrial grasses	Y	Large well defined waterbody
WB-092	Big Creek Drain	Sydenham River	397723	4702764	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	None visible	Deciduous shrubs and deciduous trees	Y	Well defined channel with abundant overhanging bank vegetation
WB-093	Big Creek Drain	Sydenham River	397356	4702441	April 22	No data	3 SW	100	7	0	Permanent	Defined	Straight	None visible	Deciduous shrubs and deciduous trees	Y	Well defined channel with abundant overhanging bank vegetation
WB-094	Big Creek Drain	Sydenham River	396937	4702075	April 22	No data	3 SW	100	7	0	Permanent	Defined	Straight	None	None	Y	Well defined channel with signs of recent clean out
WB-095	Big Creek Drain	Sydenham River	396640	4701818	April 22	No data	3 SW	100	7	0	Permanent	Defined	Straight	Cattail sp.	Terrestrial grasses and deciduous shrubs	Y	Abundant aquatic vegetation
WB-096	Big Creek Drain	Sydenham River	396561	4701911	April 22	No data	3 SW	100	7	Light Snow	Permanent	Defined	Straight	None	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with abundant overhanging bank vegetation
WB-097	Big Creek Drain	Sydenham River	395811	4702956	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Moderate degree of sinuosity	None visible	Terrestrial grasses and deciduous shrubs	Y	Large waterbody with overhanging bank vegetation
WB-098	Big Creek Drain	Sydenham River	395574	4703012	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses	Y	High turbidity, and muskrat observed within reach
WB-099	Big Creek Drain	Sydenham River	395230	4703421	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses	Y	Well defined channel with abundant overhanging bank vegetation
WB-100	Big Creek Drain	Sydenham River	395094	4703569	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and deciduous trees	Y	Large WB with very high turbidity, muskrat observed within reach
WB-101	Big Creek Drain	Sydenham River	394567	4703789	April 22	No data	3 SW	100	7	Light Snow	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and deciduous shrubs	Y	Large waterbody with very high turbidity.
WB-102	Big Creek Drain	Sydenham River	394570	4704145	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses	Y	Large waterbody with very high turbidity.
WB-103	Big Creek Drain	Sydenham River	393712	4704921	April 21	No data	4 SW	100	9	0	Permanent	Defined	Low degree of sinuosity	Pondweed sp.	Terrestrial grasses and deciduous trees	Y	Very high turbidity with overhanging bank vegetation
WB-104	Big Creek Drain	Sydenham River	393870	4704941	April 21	No data	4 SW	100	9	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and deciduous trees	Y	Very high turbidity and large WB size
WB-105	Big Creek Drain	Sydenham River	392752	4705915	April 21	No data	4 SW	100	9	Light Rain	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses	Y	Well defined channel with encrusting algae
WB-106	Unnamed Drain C	Sydenham River	403004	4703195	April 17	5.0	2 SW	0	12	0	Intermittent	Defined	Straight	Cattail sp.	Terrestrial grasses	Y	Recently cleaned channelized drain
WB-107	Mills Drain	Sydenham River	401206	4702349	April 17	5.0	2 SW	0	12	0	Intermittent	Poorly defined	Low degree of sinuosity	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Painted turtles observed on site
WB-108	Faubert Drain	Sydenham River	398621	4701715	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses, <i>Phragmites</i> sp. and deciduous shrubs	Y	Poorly defined channel with abundant <i>Phragmites</i> sp. debris throughout
WB-109	Johnson Drain	Sydenham River	399521	4702481	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp..	Terrestrial grasses	Y	No visible flow with sparse patches of cattail sp. throughout

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							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
WB-110	Johnson Drain	Sydenham River	399019	4702044	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Watercress sp. and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Abundant watercress sp. throughout stream bed
WB-111	Hooker Drain	Sydenham River	395111	4704267	April 16	0.0	5 SE	40	9	0	Intermittent	Poorly defined	Straight	Watercress sp. and <i>Phragmites</i> sp.	Terrestrial grasses	Y	Dense watercress sp. patches throughout
WB-112	Kennedy Drain	Sydenham River	393381	4706460	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Dense <i>Phragmites</i> sp. debris throughout
WB-113	Pollock Drain	Sydenham River	392900	4706034	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Cattail sp. with watercress sp., duckweed sp. and <i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense aquatic vegetation throughout
WB-114	Townline Drain	Sydenham River	392845	4706090	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	Cattail sp. and watercress sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Watercress sp. along stream bed
WB-115	Dyer Drain	Sydenham River	393335	4704578	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Dense cattail sp. debris build up
WB-116	Dyer Drain	Sydenham River	393177	4704445	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Recently cleaned drain with signs of cattail sp. debris
WB-117	Dyer Drain	Sydenham River	392979	4704272	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Recently cleaned channelized drain
WB-118	Dyer Drain	Sydenham River	392059	4705318	April 21	No data	4 SW	100	9	Light Rain	Intermittent	Defined	Straight	None - recently cleaned	Terrestrial grasses	Y	Well defined channel
WB-119	Dyer Drain	Sydenham River	391245	4706467	April 20	No data	4 W	100	17	0	Intermittent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	Well defined channel with high water turbidity
WB-120	Balloon Drain	Sydenham River	389857	4707113	April 20	No data	4 W	100	17	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Presence of aquatic vegetation suggests permanence
WB-121	Little Bear Creek Drain	Sydenham River	397384	4708150	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and deciduous shrubs	Y	High degree of turbidity
WB-122	Chinnick Drain	Sydenham River	399890	4708433	April 16	0.0	5 SE	40	9	0	Permanent	Defined	Low degree of sinuosity	Cattail sp. and pondweed sp.	Terrestrial grasses and coniferous trees	Y	Dense aquatic vegetation and presence of substrate sorting
WB-123	Rankin Creek Drain	Lake St. Clair	394277	4702121	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Low degree of sinuosity	Duckweed sp. and terrestrial grasses	Terrestrial grasses	Y	Muskrat observed within reach
WB-124	Rankin Creek Drain	Lake St. Clair	393548	4702847	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	Well defined channel with traces of duckweed sp.
WB-125	Rankin Creek Drain	Lake St. Clair	393545	4702922	April 22	No data	3 SW	100	7	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	Well defined channel with traces of duckweed sp.
WB-126	Rankin Creek Drain	Lake St. Clair	392828	4703753	April 21	No data	4 SW	100	9	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with abundant overhanging bank vegetation
WB-127	Rankin Creek Drain	Lake St. Clair	392452	4703801	April 21	No data	4 SW	100	9	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp., pondweed, and watercress sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Abundant aquatic vegetation
WB-128	Rankin Creek Drain	Lake St. Clair	391219	4704600	April 21	No data	4 SW	100	9	Light Rain	Permanent	Defined	Moderate degree of sinuosity	None visible	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with very high turbidity
WB-129	Rankin Creek Drain	Lake St. Clair	390852	4704254	April 21	No data	4 SW	100	9	Light Rain	Permanent	Defined	Moderate degree of sinuosity	Duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with deposits of woody debris and signs of erosion
WB-130	Rankin Creek Drain	Lake St. Clair	390844	4703647	April 21	No data	4 SW	100	9	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp., pondweed, and watercress sp.	Terrestrial grasses and deciduous shrubs	Y	Abundant aquatic vegetation
WB-131	King Drain	Lake St. Clair	393883	4702556	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Low degree of sinuosity	Cattail sp.	Terrestrial grasses and deciduous shrubs	Y	Presence of cattail sp. suggest some degree of permanence
WB-132	Prince Albert Drain	Sydenham River	395191	4709196	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Duckweed sp. – recently cleaned drain	<i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. debris and signs of recent channel clean out
WB-133	Prince Albert Drain	Sydenham River	394832	4709611	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Duckweed sp. – recently cleaned drain	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. debris and signs of recent channel clean out
WB-134	Prince Albert Drain	Sydenham River	394028	4710488	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	None – recently cleaned	Terrestrial grasses	Y	Recently cleaned channelized drain, patches of dry cattail sp. on banks suggest some degree of permanence
WB-135	Prince Albert Drain	Sydenham River	393897	4710641	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Duckweed sp. – recently cleaned drain	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. debris and signs of recent channel clean out
WB-136	Prince Albert Drain	Sydenham River	393580	4710983	April 14	2.2	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Duckweed sp. – recently cleaned drain	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. debris and signs of recent channel clean out
WB-137	Prince Albert Drain	Sydenham River	392973	4711663	April 13	No data	4 SW	70	17	Rain	Permanent	Defined	Straight	<i>Phragmites</i> sp. and duckweed sp.	Terrestrial grasses	Y	Recently cleaned channelized drain
WB-138	Townline Drain	Sydenham River	391209	4707940	April 20	No data	4 W	100	17	0	Intermittent	Poorly defined	Straight	None visible - recently cleaned	Terrestrial grasses	Y	Recently cleaned out channelized drain
WB-139	Townline Drain	Sydenham River	391914	4707143	April 20	No data	4 W	100	17	0	Intermittent	Poorly defined	Straight	None visible - recently cleaned	Terrestrial grasses	Y	Dense filamentous algae
WB-140	13 th Concession Road Drain North	Sydenham River	395270	4711856	April 14	No data	2 NW	20	8	0	Intermittent	Poorly defined	Straight	Terrestrial grasses and <i>Phragmites</i> sp.	<i>Phragmites</i> sp.	Y	Terrestrial vegetation along stream bed suggests long periods of no flow
WB-141	Unnamed Drain B	Sydenham River	395781	4710444	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	Channelized drain with patches of duckweed sp.

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							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
WB-142	Unnamed Drain B	Sydenham River	395343	4710066	April 15	2.2	0	30	9	0	Intermittent	Poorly defined	Straight	Deciduous shrubs	Terrestrial grasses	Y	Channelized drain with patches of duckweed sp.
WB-143	Gray Drain	Sydenham River	395951	4708731	April 15	2.2	0	30	9	0	Permanent	Defined	Straight	<i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel with evidence of substrate sorting.
WB-144	Town Line Drain	Sydenham River	389891	4709383	April 20	No data	4 W	100	17	Light Rain	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Deciduous shrubs and <i>Phragmites</i> sp.	Y	Abundant aquatic vegetation
WB-145	Townline Drain	Sydenham River	393556	4705299	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	<i>Phragmites</i> sp.	<i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. along stream bed
WB-146	Townline Drain	Sydenham River	393053	4705858	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	<i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense <i>Phragmites</i> sp. along stream bed
WB-147	Little Bear Creek Drain	Sydenham River	395085	4708801	April 28	No data	0	30	11	0	Permanent	Defined	Straight	None visible	<i>Phragmites</i> sp.	Y	Large well defined waterbody with high turbidity
WB-148	Little Bear Creek Drain	Sydenham River	393154	4707634	April 28	No data	0	30	11	0	Permanent	Defined	Straight	None visible	<i>Phragmites</i> sp.	Y	Channelized drain with very high turbidity
WB-149	Rankin Creek Drain	Lake St. Clair	394105	4702122	May 7	11.0	0	5	18	0	Intermittent	Poorly defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	Dense duckweed sp. covering throughout
WB-150	Big Creek Drain	Sydenham River	392942	4705174	May 7	11.0	0	5	18	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and deciduous shrubs	Y	Fish observed within well defined channel
WB-151	Big Creek Drain	Sydenham River	392292	4706647	May 7	11.0	0	5	18	0	Permanent	Defined	Low degree of sinuosity	None visible	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Fish observed within well defined channel
WB-152	Sylvester Drain	Sydenham River	394757	4706866	May 8	0.0	0	0	25	0	Intermittent	Defined	Straight	Watercress sp. and pondweed sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Dense build up of aquatic vegetation
WB-153	Millar and Leak Drain	Sydenham River	397737	4707827	May 8	0.0	0	0	28	0	Permanent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Dense areas of overhanging bank vegetation
WB-154	Little Bear Creek Drain	Sydenham River	399315	4708760	May 8	0.0	0	0	28	0	Permanent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses and deciduous trees	Y	Large beaver damn within reach
WB-155	Catton Drain	Sydenham River	398725	4705766	May 28	10.8	0	0	28	0	Intermittent	Poorly defined	Straight	Duckweed sp. and <i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Poor channel definition and no evidence of flow however presence of duckweed sp. suggests some degree of permanence
WB-156	Unnamed Watercourse	Lower Thames River	398632	4699846	April 22	No data	3 SW	100	7	0	Intermittent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	Recently cleaned out channelized drain
WB-157	Unnamed Watercourse	Lower Thames River	398325	4699853	April 22	No data	3 SW	100	7	0	Intermittent	Defined	Low degree of sinuosity	Duckweed sp. and terrestrial grasses	Terrestrial grasses	Y	Patches of instream terrestrial grasses
WB-158	Unnamed Watercourse	Lower Thames River	397729	4699218	May 8	3.0	0	0	30	0	Permanent	Defined	Low degree of sinuosity	Pondweed sp.	Terrestrial grasses and deciduous shrubs	Y	Abundant aquatic vegetation
WB-159	Unnamed Watercourse	Lower Thames River	397070	4698468	April 24	No data	5 SW	5	7	0	Intermittent	Poorly defined	Moderate degree of sinuosity	Cattail sp.	Terrestrial grasses	Y	Dense cattail sp. throughout
WB-160	Unnamed Watercourse	Lower Thames River	396623	4698075	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Low degree of sinuosity	Duckweed sp.	Terrestrial grasses	Y	Large well defined waterbody
WB-161	Unnamed Watercourse	Lower Thames River	396430	4697907	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Moderate degree of sinuosity	Cattail sp.	Terrestrial grasses	Y	Dense cattail sp. throughout
WB-162	Unnamed Drain P	Lower Thames River	397317	4698647	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Straight	Terrestrial grasses	Terrestrial grasses	Y	Muskrat observed within reach
WB-163	Unnamed Drain Q	Lower Thames River	399800	4700876	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Cattail sp., watercress sp. and duckweed sp.	Terrestrial grasses	Y	Poorly defined channel but presence of watercress sp. suggest some degree of permanence
WB-164	Unnamed Drain Q	Lower Thames River	399361	4700489	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Watercress sp.	Terrestrial grasses	Y	Patches of watercress sp. throughout
WB-165	Unnamed Drain Q	Lower Thames River	398788	4699982	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	Abundant overhanging bank vegetation
WB-166	Unnamed Drain G	Sydenham River	398320	4701450	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Watercress sp.	Terrestrial grasses and deciduous shrubs	Y	Patches of watercress sp. throughout
WB-167	Unnamed Drain G	Sydenham River	398042	4701196	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Duckweed sp., cattail sp. and watercress sp.	Terrestrial grasses and deciduous shrubs	Y	Patches of watercress sp. suggest permanence
WB-168	Unnamed Drain G	Sydenham River	397698	4700903	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses and deciduous trees	Y	Abundant overhanging bank vegetation and dense cattail sp. throughout
WB-169	Unnamed Drain G	Sydenham River	397553	4700743	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses and deciduous trees	Y	Dense patches of woody debris upstream of reach
WB-170	Unnamed Drain L	Lower Thames River	397127	4700382	April 23	No data	3 SW	100	1	0	Permanent	Defined	Straight	Watercress sp.	Terrestrial grasses and horse tail sp.	Y	Patches of watercress sp. throughout
WB-171	Unnamed Drain L	Lower Thames River	396676	4699990	April 23	No data	3 SW	100	1	0	Permanent	Defined	Straight	Watercress sp.	Terrestrial grasses	Y	Patches of watercress sp. throughout
WB-172	Unnamed Drain L	Lower Thames River	396439	4699791	April 23	No data	3 SW	100	1	0	Permanent	Defined	Straight	Cattail sp. and watercress sp.	Terrestrial grasses	Y	Patches of watercress sp. throughout
WB-173	Unnamed Drain L	Lower Thames River	396299	4699815	April 23	No data	3 SW	100	1	0	Permanent	Defined	Low degree of sinuosity	Cattail sp.	Terrestrial grasses and deciduous shrubs	Y	Dense patches of cattail sp.
WB-174	Unnamed Drain L	Lower Thames River	394439	4699893	April 23	No data	3 SW	100	1	0	Permanent	Defined	Low degree of sinuosity	Cattail sp.	Terrestrial grasses	Y	Large well defined waterbody

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							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
WB-175	Unnamed Drain L	Lower Thames River	394105	4699953	April 23	No data	5	100	3	0	Permanent	Defined	Straight	Cattail sp. and waterweed sp.	Terrestrial grasses, <i>Phragmites</i> sp., and deciduous shrubs	Y	Well defined channel with low amount of canopy cover throughout
WB-176	Unnamed Drain K	Lower Thames River	395044	4701244	April 23	No data	3 SW	100	1	0	Intermittent	Poorly defined	Straight	None	Terrestrial grasses	Y	Recently cleaned drain
WB-177	Unnamed Drain K	Lower Thames River	394605	4700885	May 7	1.5	0	5	18	0	Intermittent	Poorly defined	Straight	Filamentous algae and terrestrial grasses	Terrestrial grasses	Y	Dry cattail sp. debris along banks suggests some degree of permanence
WB-178	Unnamed Drain K	Lower Thames River	393718	4700371	April 24	No data	5 SW	5	7	0	Permanent	Defined	Straight	Duckweed sp. and watercress sp.	Terrestrial grasses	Y	Well defined drain with duckweed sp. and watercress sp. on channel bed
WB-179	Unnamed Drain M	Lower Thames River	395470	4700799	April 23	No data	3 SW	100	1	0	Intermittent	Poorly defined	Straight	Pondweed sp. and cattail sp.	Terrestrial grasses	Y	Poorly defined drain, concrete blocks used for stabilization, aquatic vegetation present
WB-180	Unnamed Drain M	Lower Thames River	395296	4700953	April 23	No data	3 SW	100	1	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Poorly defined drain with sparse patches of cattils and algae
WB-181	Unnamed Drain I	Lower Thames River	395540	4702734	April 23	No data	3 SW	100	1	Light Snow	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Channelized drain
WB-182	Unnamed Drain I	Lower Thames River	395177	4702421	April 23	No data	3 SW	100	1	Light Snow	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Recently cleaned channelized drain
WB-183	Unnamed Drain I	Lower Thames River	394792	4702092	April 23	No data	3 SW	100	1	Light Snow	Intermittent	Poorly defined	Straight	Milifoil sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Channelized drain
WB-184	Unnamed Drain I	Lower Thames River	394521	4701842	April 23	No data	3 SW	100	1	Light Snow	Intermittent	Poorly defined	Straight	Cattail sp. and milifoil sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Channelized drain
WB-185	Unnamed Drain J	Lower Thames River	394774	4701540	April 23	No data	3 SW	100	1	0	Intermittent	Poorly defined	Straight	Cattail sp.	Terrestrial grasses	Y	Dense patches of cattail sp.
WB-186	Unnamed Drain S	Lower Thames River	394649	4699329	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Straight	Cattail sp.	Terrestrial grasses, horse tail sp. and deciduous shrubs	Y	Defined drain with horsetail sp. present along banks
WB-187	Unnamed Drain S	Lower Thames River	394749	4699210	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Straight	Duckweed sp.	Terrestrial grasses and herbaceous plants	Y	Organic debris present in channel, well defined drain and urban debris in channel
WB-188	Unnamed Drain S	Lower Thames River	394958	4698966	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Straight	Algae	Terrestrial grasses, cattail sp. and horse tail sp.	Y	Defined drain with horsetail sp. present along banks
WB-189	Unnamed Drain O	Lower Thames River	395219	4698682	April 23	No data	5	100	3	0	Intermittent	Defined	Straight	<i>Phragmites</i> sp. and cattail sp.	Terrestrial grasses and deciduous shrubs	Y	Crayfish chimney observed within reach
WB-190	Unnamed Drain S	Lower Thames River	394574	4699281	April 24	No data	4	0	10	0	Intermittent	Defined	Straight	Terrestrial grasses	Terrestrial grasses, deciduous shrubs, and <i>Phragmites</i> sp.	Y	Leopard frog observed within each reach
WB-191	Unnamed Drain O	Lower Thames River	395622	4699063	April 23	No data	3 SW	100	1	0	Intermittent	Poorly defined	Straight	Pondweed sp.	Terrestrial grasses	Y	Sparse patches of pondweed sp. throughout waterbody
WB-192	Montgomery Drain	Lake St. Clair	391930	4703343	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Horse tail sp.	Terrestrial grasses and horse tail sp.	Y	Poorly defined drain with dense leaf litter and horsetail sp. present on bed
WB-193	Marchand Drain	Lake St. Clair	391450	4702935	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	None	Terrestrial grasses and horse tail sp.	Y	Abundant filamentous algae throughout
WB-194	Hind Drain	Lower Thames River	391885	4702433	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Poorly defined drain with aquatic vegetation present
WB-195	Unnamed Drain H	Lower Thames River	391934	4702405	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses and cattail sp.	Y	Poorly defined drain with aquatic vegetation present
WB-196	Unnamed Drian H	Lower Thames River	392418	4701857	April 21	No data	4 SW	100	9	0	Intermittent	Poorly defined	Straight	Cattail sp. and duckweed sp.	Terrestrial grasses and cattail sp.	Y	Poorly defined drain with some substrate sorting and aquatic vegetation present
WB-197	Unnamed Drain H	Lower Thames River	392764	4701454	April 22	No data	3 SW	100	7	0	Intermittent	Poorly defined	Straight	Duckweed sp.	Terrestrial grasses	Y	No instream debris, some traces of duckweed
WB-198	Unnamed Drain L	Lower Thames River	395011	4699646	May 28	No data	0	0	28	0	Permanent	Defined	Low degree of sinuosity	Canada waterweed and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with very dense aquatic vegetation
WB-199	Unnamed Drain L	Lower Thames River	394855	4699717	May 28	10.8	0	0	28	0	Permanent	Defined	Low degree of sinuosity	Canada waterweed, broad leaved arrowhead, and duckweed sp.	Terrestrial grasses and deciduous shrubs	Y	Well defined channel with very dense aquatic vegetation
WB-200	Campbell Drain	Sydenham River	398640	4705765	May 28	10.8	0	0	28	0	Intermittent	Defined	Low degree of sinuosity	Cattail sp. and duckweed sp.	Terrestrial grasses	Y	Well defined channel with abundant instream vegetation
WB-201	Campbell Drain	Lower Thames River	398467	4705854	May 28	10.8	0	0	28	0	Intermittent	Defined	Low degree of sinuosity	Duckweed sp., cattail sp. and <i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	Y	Well defined channel with abundant instream vegetation
WB-202	Unnamed Drain S	Lower Thames River	395171	4698718	April 24	No data	5 SW	5	7	0	Intermittent	Defined	Straight	Dense algae build up	Terrestrial grasses, cattail sp. and horse tail sp.	Y	Excessive algae growth
WB-203	Dyer Drain	Sydenham River	392394	4704940	May 7	11.0	0	5	18	0	Intermittent	Poorly defined	Straight	None	None	Y	Recently cleaned channelized drain, no indication of permanence
WB-204	Unnamed Drain T	Lake St. Clair	390875	4703783	April 21	10.8	6W	100	11	0	Intermittent	Defined	Stright	N/A	N/A	Y	Acces not granted, alternative site investigation occurred from roadside, proximity to Rankin Creek resulting in backwater
NWB-205	Glasgow Drain	Sydenham River	396156	4713768	April 14	2.2	2 NW	20	8	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses and <i>Phragmites</i> sp.	Terrestrial grasses	N	Poorly defined channel with terrestrial grasses along stream bed

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NWB-206	Glasgow Drain	Sydenham River	395290	4712816	April 24	No data	5 SW	5	7	0	Ephemeral	Poorly defined	Low degree of sinuosity	Cattail sp.	Terrestrial grasses	N	Dense cattail sp. throughout
NWB-207	Glasgow Drain	Sydenham River	395216	4712532	April 24	No data	5 SW	5	7	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Recently cleaned out channelized drain
NWB-208	Glasgow Drain	Sydenham River	394863	4711628	April 14	2.2	2 NW	20	8	0	Ephemeral	Poorly defined	Straight	Deciduous trees	Terrestrial grasses and <i>Phragmites</i> sp.	N	Poorly defined channel with terrestrial grasses along stream bed
NWB-209	Moore Drain	Sydenham River	393418	4711165	April 14	2.2	2 NW	20	8	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses and <i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	N	Terrestrial vegetation along stream bed suggests long periods of no flow
NWB-210	Boynton Drain	Sydenham River	391475	4709243	April 28	No data	0	30	11	0	Ephemeral	Poorly defined	Low degree of sinuosity	Terrestrial grasses	Terrestrial grasses	N	Dry channel
NWB-211	Rice Drain	Sydenham River	392100	4709113	April 14	2.2	2 NW	20	8	0	Ephemeral	Poorly defined	Straight	Cattail sp.	Terrestrial grasses and deciduous shrubs	N	Presence of cattail sp. suggests some degree of permanence
NWB-212	Solomon Drain	Sydenham River	398364	4708996	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Potentially intermittent waterbody downstream of observation
NWB-213	Cummings Drain	Sydenham River	399511	4708080	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and coniferous trees	N	Terrestrial vegetation along stream bed suggests long periods of no flow
NWB-214	Cummings Drain	Sydenham River	399378	4707963	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and coniferous trees	N	Terrestrial vegetation along stream bed suggests long periods of no flow
NWB-215	Prins Drain	Sydenham River	400616	4705900	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	<i>Phragmites</i> sp.	Terrestrial grasses and <i>Phragmites</i> sp.	N	Dense <i>Phragmites</i> sp. throughout
NWB-216	Prins Drain	Sydenham River	400256	4706305	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	<i>Phragmites</i> sp.	Terrestrial grasses and deciduous trees	N	Dense <i>Phragmites</i> sp. throughout
NWB-217	Prins Drain	Sydenham River	399783	4706434	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and deciduous trees	N	Terrestrial vegetation along stream bed suggests long periods of no flow
NWB-218	Lafferty Drain	Sydenham River	398154	4706896	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Channelized ephemeral drain
NWB-219	Lafferty Drain	Sydenham River	397259	4708037	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	None – recently cleaned	Terrestrial grasses	N	Recently cleaned drain
NWB-220	Unnamed Drain	Sydenham River	394924	4706907	April 16	2.5	5NW	20	22	0	Ephemeral	Poorly defined	Straight	Deciduous trees in ditch, shrubs and vines	Deciduous trees, shrubs, vines	N	Historically dug ditch in hedgerow, no signs of flow, large deciduous trees growing in lowest areas of ditch
NWB-221	Unnamed Drain F	Sydenham River	402260	4703042	April 17	5.0	2 SW	0	12	0	Ephemeral	Poorly defined	Straight	Deciduous shrubs	Deciduous shrubs and trees	N	Terrestrial vegetation along stream bed suggests long periods of no flow
NWB-222	Mills Drain	Sydenham River	401511	4702395	April 17	5.0	2 SW	0	12	0	Ephemeral	Poorly defined	Straight	Deciduous trees	Terrestrial grasses	N	Large trees along stream bed
NWB-223	Johnson Drain	Sydenham River	400044	4702939	April 22	No data	3 SW	100	7	Light Snow	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial grasses along stream bed
NWB-224	Dyer Drain	Sydenham River	394263	4703520	April 22	No data	3 SW	100	7	Light Rain	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Poor channel definition with terrestrial grasses along stream bed
NWB-225	Unnamed Drain E	Sydenham River	391044	4705745	April 21	No data	4 SW	100	9	Light Rain	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial grasses along stream bed
NWB-226	Balloon Drain	Sydenham River	390780	4706060	April 20	No data	4 W	100	17	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Presence of terrestrial grasses along stream bed and dense leaf litter throughout
NWB-227	Balloon Drain	Sydenham River	390417	4706471	April 20	No data	4 W	100	17	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Presence of terrestrial grasses along stream bed and dense leaf litter throughout
NWB-228	Hyatt Fryer Drain	Lake St. Clair	390042	4704538	April 20	No data	4 W	100	17	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and <i>Phragmites</i> sp.	N	Dense terrestrial grasses throughout stream bed
NWB-229	Hyatt Fryer Drain	Lake St. Clair	389606	4705042	April 20	No data	4 W	100	17	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and <i>Phragmites</i> sp.	N	Dense terrestrial grasses throughout stream bed
NWB-230	Porter Drain	Sydenham River	391293	4705651	April 20	No data	4 W	100	17	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Poorly defined channel with no evidence of aquatic vegetation
NWB-231	Unnamed Drain D	Sydenham River	394159	4712789	April 13	No data	4 SW	70	17	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Poorly defined feature with terrestrial grasses present on bed
NWB-232	Unnamed Pond A	Sydenham River	401675	4704385	April 16	2.5	4NW	40	26	0	N/A	N/A	N/A	Duckweed sp., cattail sp. and algae	Deciduous trees, shrubs and terrestrial grasses	N	Man-made pond with aquatic vegetation along pond edges and in pond
NWB-233	Unnamed Pond B	Sydenham River	397964	4700505	April 16	2.5	4NW	40	27	0	N/A	N/A	N/A	Not visible	Not visible	N	Man-made pond, access to pond not granted
NWB-234	McCallum Drain	Sydenham River	394352	4710130	April 15	2.2	0	30	9	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Channelized drain with no indication of substrate sorting or permanence
NWB-235	Unnamed Drain D	Sydenham River	392489	4711321	April 13	No data	4 SW	70	17	Rain	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Poorly defined feature with terrestrial grasses present on bed
NWB-236	Unnamed Drain D	Sydenham River	391456	4710392	April 13	No data	4 SW	70	17	Rain	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial grasses along stream bed
NWB-237	Unnamed Drain A	Sydenham River	399520	4710030	April 16	0.0	5 SE	40	9	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and <i>Phragmites</i> sp.	N	Poorly defined channel with no evidence of aquatic vegetation
NWB-238	Kennedy Drain	Sydenham River	393839	4705945	April 29	No data	0	0	11	0	Ephemeral	Poorly defined	Straight	<i>Phragmites</i> sp.	<i>Phragmites</i> sp.	N	Dry channel
NWB-239	Dyer Drain	Sydenham River	393942	4703902	May 7	11.0	0	5	18	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Recently cleaned channelized drain, no indication of permanence
NWB-240	Dyer Drain	Sydenham River	393809	4704037	May 7	11.0	0	5	18	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Recently cleaned channelized drain, no indication of permanence
NWB-241	Glasgow Drain	Sydenham River	394990	4712431	May 7	11.0	0	5	22	0	Ephemeral	Poorly defined	Low degree of sinuosity	Terrestrial grasses	Terrestrial grasses	N	Poorly defined channelized drain with dense build up of terrestrial grasses
NWB-242	Unnamed Drain E	Sydenham River	396863	4769207	May 7	11.0	0	5	24	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Dry channel
NWB-243	Cameron Drain	Sydenham River	397336	4709025	May 7	11.0	0	5	24	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial vegetation along stream bed suggests long periods of no flow

Report ID	Watercourse Name	Drainage Area	UTM Coordinate (Zone 17T)		Site Investigation Date (2015)	Precipitation in Prior 48hrs	Weather Conditions				Flow Regime Based on field Observations	Feature Definition (Defined/ Poorly Defined)	Feature Characteristic (Sinuosity/ Straight)	Feature Vegetation	Bank Vegetation	Water Body (Y/N)	Notes (i.e. Groundwater Indicators, Fish Observed)
							Wind	Cloud Cover (%)	Air Temp (°C)	Precip. at Time of Survey							
NWB-244	Cameron Drain	Sydenham River	397160	4708870	May 7	11.0	0	5	24	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial vegetation along stream bed suggests long periods of no flow
NWB-245	Cameron Drain	Sydenham River	396988	4708720	May 7	11.0	0	5	24	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Poorly defined feature with terrestrial grasses present on bed
NWB-246	Lafferty Drain	Sydenham River	397906	4707178	May 8	0.0	0	0	25	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Signs of recent channel clean out
NWB-247	Lafferty Drain	Sydenham River	397415	4707734	May 8	0.0	0	0	28	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Poorly defined feature, no veg in feature due to recent clean out
NWB-248	Purdie Creek Drain	Sydenham River	400429	4704200	May 8	0.0	0	0	30	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses and deciduous shrubs	N	Poorly defined channel with dense terrestrial grasses along stream bed
NWB-249	Unnamed Drain N	Lower Thames River	396019	4700133	April 23	No data	3 SW	100	1	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Poorly defined feature with dense dry terrestrial grasses on bed
NWB-250	Unnamed Drain N	Lower Thames River	395792	4700390	April 23	No data	3 SW	100	1	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Poorly defined feature, no veg in feature due to recent clean out
NWB-251	Unnamed Drain H	Lower Thames River	393802	4701218	April 23	No data	3 SW	100	1	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Poorly defined feature with patches of leaf litter and grasses on bed
NWB-252	Unnamed Drain H	Lower Thames River	393339	4700828	April 23	No data	3 SW	100	1	0	Ephemeral	Poorly defined	Straight	None	Terrestrial grasses	N	Terrestrial grasses along stream bed
NWB-253	Unnamed Drain R	Lower Thames River	395308	4700662	April 23	No data	3 SW	100	1	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial grasses along stream bed
NWB-254	Unnamed Drain R	Lower Thames River	394656	4700088	April 23	No data	3 SW	100	1	0	Ephemeral	Poorly defined	Straight	Terrestrial grasses	Terrestrial grasses	N	Terrestrial grasses along stream bed
Does Not Exist	Faubert Drain	Sydenham River	N/A	N/A	April 29	No data	0	0	11	0	N/A	N/A	N/A	N/A	N/A	N	Access to feature granted, site visited, no feature present