

APPENDIX B
SPECIES LIST

*Environmental Assessment
Lakeview Waterfront Connection*

Table B-1: Fish Survey Records (TRCA and CVC, 2012)

Common Name	Regional Study Area (East)		Regional Study Area (West)				Project Study Area		
	Embayment	Open coast	Embayment	Estuary	Open coast	Stream	Estuary	Open coast	Stream
Alewife*	✓	✓	✓	✓	✓		✓	✓	
American Eel***	✓	✓	✓		✓		✓		
Atlantic Salmon****					✓				
Black Crappie	✓		✓						
Blacknose Dace					✓	✓			✓
Bluegill	✓		✓						
Bluntnose Minnow	✓		✓	✓	✓		✓		
Bowfin					✓				
Brook Silverside	✓								
Brook Stickleback					✓	✓			
Brown Bullhead	✓	✓	✓	✓	✓		✓		
Brown Trout*	✓	✓	✓	✓	✓		✓		
Central Stoneroller								✓	
Chinook Salmon*	✓	✓	✓		✓		✓		
Coho Salmon*	✓						✓		
Common Carp*	✓	✓	✓	✓	✓	✓	✓	✓	
Common Shiner	✓		✓	✓	✓		✓	✓	
Creek Chub					✓	✓			✓
Emerald Shiner	✓	✓	✓	✓	✓		✓	✓	
Fathead Minnow				✓	✓	✓	✓	✓	
Freshwater Drum	✓	✓	✓	✓	✓		✓	✓	
Gizzard Shad**	✓	✓	✓	✓	✓		✓		
Golden Shiner	✓			✓					
Goldfish*	✓	✓					✓		
Greater Redhorse			✓	✓					
Lake Chub	✓	✓		✓	✓	✓		✓	✓
Lake Trout		✓							
Largemouth Bass	✓	✓	✓		✓		✓	✓	

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Table B-1: Fish Survey Records (TRCA and CVC, 2012) (Cont'd)

Common Name	Regional Study Area (East)		Regional Study Area (West)				Project Study Area		
	Embayment	Open coast	Embayment	Estuary	Open coast	Stream	Estuary	Open coast	Stream
Logperch					✓		✓	✓	
Longnose Dace			✓	✓	✓	✓		✓	✓
Longnose Gar					✓				
Longnose Sucker					✓				
Mottled Sculpin	✓	✓					✓		
Northern Pike	✓	✓	✓	✓					
Northern Redbelly Dace						✓			
Pumpkinseed	✓	✓	✓	✓	✓	✓	✓		
Rainbow Darter							✓		
Rainbow Smelt*	✓	✓		✓	✓		✓		
Rainbow Trout*	✓	✓	✓		✓		✓		
Rock Bass	✓	✓	✓	✓	✓		✓		
Round Goby*	✓	✓	✓	✓	✓		✓	✓	
Shorthead Redhorse	✓	✓	✓	✓	✓		✓	✓	
Smallmouth Bass	✓	✓	✓	✓	✓		✓	✓	
Spotfin Shiner				✓					
Spottail Shiner	✓	✓	✓	✓	✓		✓	✓	
Threespine Stickleback	✓	✓			✓	✓			
Trout-perch		✓					✓		
Walleye	✓								
White Bass*		✓		✓			✓		
White Perch*	✓	✓		✓	✓		✓		
White Sucker	✓	✓	✓	✓	✓	✓	✓	✓	
Yellow Perch	✓	✓	✓	✓	✓		✓	✓	
TOTAL	34	29	26	27	35	11	31	17	4

* introduced and/or invasive species.

** uncertainty regarding designation as a non-native species.

*** listed Aquatic Species at Risk

**** listed under COSEWIC as Extirpated (reintroduced)

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Table B-2: Flora Species Recorded within the LWC Project Study Area

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Fern	<i>Equisetum arvense</i>	Field Horsetail	-	-	-	S5	-	-	-	L5	TRCA
Fern	<i>Matteuccia struthiopteris</i> <i>var. pennsylvanica</i>	Ostrich Fern	-	-	-	S5	-	-	-	L5	CVC
Fern	<i>Onoclea sensibilis</i>	Sensitive Fern	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Achillea millefolium</i> <i>ssp. millefolium</i>	Common Yarrow	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Actaea pachypoda</i>	White Baneberry	-	-	-	S5	-	-	-	L4	CVC
Forb	<i>Agastache</i> <i>scrophulariifolia</i>	Purple Giant Hyssop	-	-	-	S1	-	-	-	pL+	TRCA
Forb	<i>Agrimonia gryposepala</i>	Tall Hairy Groovebur	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Alliaria petiolata</i>	Garlic Mustard	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Ambrosia artemisiifolia</i>	Common Ragweed	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Ambrosia trifida</i>	Giant Ragweed	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Anaphalis margaritacea</i>	Pearly Everlasting	-	-	-	S5	-	-	rare	pL3	TRCA
Forb	<i>Anemone canadensis</i>	Canada Anemone	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Anemone quinquefolia</i> <i>var quinquefolia</i>	Wood-anemone	-	-	-	SU	-	-	-	L3	TRCA
Forb	<i>Anemone virginiana</i>	Virginia Anemone	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Apocynum</i> <i>androsaemifolium</i> <i>ssp. androsaemifolium</i>	Spreading Dogbane subspecies	-	-	-	S5	-	-	-	L4	TRCA
Forb	<i>Aralia nudicaulis</i>	Wild Sarsaparilla	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Arctium lappa</i>	Greater Burdock	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Arctium minus</i> <i>ssp. minus</i>	Common Burdock	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Arisaema triphyllum</i> <i>ssp. triphyllum</i>	Jack-in-the-pulpit subspecies	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Artemisia vulgaris</i>	Common Wormwood	-	-	-	SNA	-	-	-	L+	CVC

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Forb	<i>Asclepias syriaca</i>	Common Milkweed	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Asparagus officinalis</i>	Garden Asparagus	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Bidens frondosa</i>	Devil's Beggar-ticks	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Boehmeria cylindrica</i>	False Nettle	-	-	-	S5	-	-	uncommon	L4	TRCA
Forb	<i>Brassica rapa</i>	Bird's Rape	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Cakile edentula</i>	American Sea-rocket	-	-	-	S4	rare	rare	rare	L2	CVC
Forb	<i>Calystegia spithamea</i> <i>ssp. spithamea</i>	Low False Bindweed	-	-	-	S4S5	-	-	rare	L3	CVC
Forb	<i>Campanula rapunculoides</i>	Creeping Bellflower	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Chamaesyce sp.</i>	Spurge sp.	-	-	-	-	-	-	-	-	TRCA
Forb	<i>Chrysanthemum leucanthemum</i>	Oxeye Daisy	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Cichorium intybus</i>	Chicory	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Cicuta maculata</i>	Spotted Water-hemlock	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Circaea canadensis</i> <i>ssp. Canadensis</i>	Enchanter's Nightshade	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Circaea lutetiana</i> <i>ssp. canadensis</i>	Intermediate Enchanter's Nightshade	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Cirsium arvense</i>	Creeping Thistle	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Cirsium vulgare</i>	Bull Thistle	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Coronilla varia</i>	Common Crown-veitch	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Daucus carota</i>	Queen Anne's Lace	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Desmodium canadense</i>	Showy Tick-trefoil	-	-	-	S4	-	rare	-	L5	CVC
Forb	<i>Dipsacus fullonum</i> <i>ssp. sylvestris</i>	Teasel	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Echium vulgare</i>	Common Viper's-bugloss	-	-	-	SNA	-	-	-	L+	CVC

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Forb	<i>Epifagus virginiana</i>	Beechdrops	-	-	-	S5	-	-	-	L4	TRCA
Forb	<i>Epilobium ciliatum</i> <i>ssp. ciliatum</i>	Hairy Willow-herb subspecies	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Erigeron philadelphicus</i> <i>ssp. philadelphicus</i>	Philadelphia Fleabane	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Erythronium americanum</i> <i>ssp. americanum</i>	Yellow Trout-lily	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Eupatorium maculatum</i> <i>ssp. maculatum</i>	Spotted Joe-pye Weed	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Euphorbia esula</i>	Leafy Spurge	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Eurybia macrophylla</i>	Large-leaf Wood Aster	-	-	-	S5	-	-	-	L4	TRCA
Forb	<i>Euthamia graminifolia</i>	Flat-top Goldentop	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Eutrochium maculatum</i> <i>var. Maculatum</i>	Spotted Joe-pye Weed	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Fallopia japonica</i> var. <i>Japonica / Polygonum cuspidatum</i>	Japanese Knotweed	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Fragaria vesca</i> ssp. <i>americana</i>	Woodland Strawberry	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Fragaria virginiana</i> <i>ssp. virginiana</i>	Common Strawberry	-	-	-	SU	-	-	-	L5	TRCA
Forb	<i>Galium palustre</i>	Marsh Bedstraw	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Geranium maculatum</i>	Wild Crane's-bill	-	-	-	S5	-	-	-	L4	CVC
Forb	<i>Geranium robertianum</i>	Herb-robert	-	-	-	SNA	-	-	-	L+?	TRCA
Forb	<i>Geum aleppicum</i>	Yellow Avens	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Geum canadense</i>	White Avens	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Geum urbanum</i>	Herb Bennet	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Hemerocallis fulva</i>	Orange Daylily	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Heracleum mantegazzianum</i>	Giant Hogweed	-	-	-	SNA	-	-	-	L+	CVC

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Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Forb	<i>Hesperis matronalis</i>	Dame's Rocket	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Hieracium sp.</i>	Hawkweed species	-	-	-	-	-	-	-	-	CVC
Forb	<i>Hydrophyllum virginianum</i>	John's Cabbage	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Hypericum perforatum</i>	Common St. John's-wort	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Impatiens capensis</i>	Spotted Touch-me-not	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Iris pseudacorus</i>	Yellow Flag	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Laportea canadensis</i>	Wood Nettle	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Lemna minor</i>	Lesser Duckweed	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Leonurus cardiaca ssp. cardiaca</i>	Common Motherwort	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Linaria vulgaris</i>	Butter-and-eggs	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Lotus corniculatus</i>	Birds-foot Trefoil	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Lysimachia ciliata</i>	Fringed Loosestrife	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Lysimachia nummularia</i>	Creeping Jennie	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Lythrum salicaria</i>	Purple Loosestrife	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Maianthemum canadense</i>	Canada Mayflower	-	-	-	S5	-	-	-	L4	TRCA
Forb	<i>Maianthemum racemosum ssp. Racemosum</i>	False Solomon's-seal	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Medicago lupulina</i>	Black Medic	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Medicago sativa ssp. sativa</i>	Alfalfa	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Melilotus albus</i>	White Sweet Clover	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Melilotus officinalis</i>	Yellow Sweet Clover	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Mentha arvensis ssp. Borealis</i>	Wild Mint	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Monarda fistulosa</i>	Wild Bergamot Bee-balm	-	-	-	S5	-	-	-	L4	CVC
Forb	<i>Nepeta cataria</i>	Catnip	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Oenothera biennis</i>	Common Evening-primrose	-	-	-	S5	-	-	uncommon	L5	TRCA
Forb	<i>Osmorhiza claytonii</i>	Hairy Sweet-cicely	-	-	-	S5	-	-	uncommon	L4	CVC
Forb	<i>Papaver orientale</i>	Oriental Poppy	-	-	-	SNA	-	-	-	L+	TRCA

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Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Forb	<i>Pastinaca sativa</i>	Wild Parsnip	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Penstemon hirsutus</i>	Hairy Beardtongue	-	-	-	S4	rare	rare	rare	pL3	TRCA
Forb	<i>Plantago lanceolata</i>	English Plantain	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Plantago major</i>	Common Plantain	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Podophyllum peltatum</i>	May Apple	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Polygonatum pubescens</i>	Downy Solomon's-seal	-	-	-	S5	-	-	-	L4	CVC
Forb	<i>Polygonum persicaria</i>	Lady's Thumb	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Potentilla anserina</i>	Silverweed	-	-	-	S5	-	rare	-	L5	CVC
Forb	<i>Potentilla norvegica</i> <i>ssp. norvegica</i>	Norwegian Cinquefoil	-	-	-	SU	-	-	-	-	CVC
Forb	<i>Potentilla recta</i>	Sulphur Cinquefoil	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Prenanthes altissima</i>	Tall Rattlesnake-root	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Prunella vulgaris</i> <i>ssp. lanceolata</i>	Lance Self-heal	-	-	-	S5	-	-	-	L+?	TRCA
Forb	<i>Ranunculus acris</i>	Tall Buttercup	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Rumex crispus</i>	Curly Dock	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Salsola kali</i>	Russian Thistle	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Saponaria officinalis</i>	Bouncing-bet	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Solidago altissima</i> <i>var. altissima</i>	Late Goldenrod	-	-	-	-	-	-	-	L5	TRCA
Forb	<i>Solidago caesia</i>	Bluestem Goldenrod	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Solidago canadensis</i> <i>var. canadensis</i>	Canada Goldenrod variety	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Solidago flexicaulis</i>	Zig-zag Goldenrod	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Solidago gigantea</i>	Smooth Goldenrod	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Solidago juncea</i>	Early Goldenrod	-	-	-	S5	-	-	uncommon	L4	TRCA
Forb	<i>Solidago nemoralis</i> <i>ssp. nemoralis</i>	Gray Goldenrod	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Solidago patula</i>	Roundleaf Goldenrod	-	-	-	S5	rare	rare	rare	L3	CVC
Forb	<i>Sonchus arvensis</i> <i>ssp. arvensis</i>	Perennial Sowthistle	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Stellaria graminea</i>	Little Starwort	-	-	-	SNA	-	-	-	L+	CVC

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Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Forb	<i>Symphotrichum novae-angliae</i>	New England Aster	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Symphotrichum oolentangiense</i>	Sky-blue Aster	-	-	-	S4	rare	rare	rare	L4	CVC
Forb	<i>Symphotrichum cordifolium</i>	Heart-leaf Aster	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Symphotrichum ericoides</i> var. <i>ericoides</i>	White Heath Aster	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Symphotrichum lanceolatum</i> ssp. <i>lanceolatum</i>	Panicled Aster subspecies	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Tanacetum vulgare</i>	Common Tansy	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Taraxacum officinale</i>	Brown-seed Dandelion	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Thalictrum dioicum</i>	Early Meadow-rue	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Thalictrum pubescens</i>	Tall Meadow-rue	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Torilis japonica</i>	Erect Hedge-parsley	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Tragopogon dubius</i>	Meadow Goat's-beard	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Tragopogon pratensis</i> ssp. <i>pratensis</i>	Jack go to bed at noon	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Trifolium pratense</i>	Red Clover	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Trifolium repens</i>	White Clover	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Trillium grandiflorum</i>	White Trillium	-	-	-	S5	-	-	-	L4	TRCA
Forb	<i>Tussilago farfara</i>	Colt's Foot	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Typha angustifolia</i>	Narrow-leaved Cattail	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Typha latifolia</i>	Broad-leaf Cattail	-	-	-	S5	-	-	-	L4	CVC
Forb	<i>Typha x glauca</i>	White Cattail	-	-	-	SNA	-	-	-	L+	TRCA
Forb	<i>Urtica dioica</i> ssp. <i>dioica</i>	Stinging Nettle	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Verbascum thapsus</i>	Great Mullein	-	-	-	SNA	-	-	-	L+	CVC
Forb	<i>Verbena hastata</i>	Blue Vervain	-	-	-	S5	-	-	-	L5	CVC
Forb	<i>Viola pubescens</i>	Downy Yellow Violet	-	-	-	S5	-	-	-	L5	TRCA

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Forb	<i>Viola sororia</i>	Common Blue Violet	-	-	-	S5	-	-	-	L5	TRCA
Forb	<i>Wolffia columbiana</i>	Columbia Watermeal	-	-	-	S4S5	-	-	rare	L4	TRCA
Forb	<i>Xanthium strumarium</i>	Rough Cocklebur	-	-	-	S5	-	-	-	L5	TRCA
Grass	<i>Agrostis stolonifera</i>	Spreading Bentgrass	-	-	-	S5	-	-	-	L+?	CVC
Grass	<i>Bromus inermis ssp. inermis</i>	Awnless Brome	-	-	-	SE5	-	-	-	L+	TRCA
Grass	<i>Bromus tectorum</i>	Cheat Grass	-	-	-	SNA	-	-	-	L+	CVC
Grass	<i>Dactylis glomerata</i>	Orchard Grass	-	-	-	SNA	-	-	-	L+	CVC
Grass	<i>Echinochloa crusgalli</i>	Barnyard Grass	-	-	-	SNA	-	-	-	L+	CVC
Grass	<i>Elymus repens</i>	Quackgrass	-	-	-	SNA	-	-	-	L+	CVC
Grass	<i>Festuca pratensis</i>	Meadow fescue	-	-	-	SNA	-	-	-	L+	TRCA
Grass	<i>Glyceria striata</i>	Fowl Manna-grass	-	-	-	S5	-	-	-	L5	TRCA
Grass	<i>Phalaris arundinacea</i>	Reed Canary Grass	-	-	-	S5	-	-	-	L+?	CVC
Grass	<i>Phleum pratense</i>	Meadow Timothy	-	-	-	SNA	-	-	-	L+	TRCA
Grass	<i>Phragmites australis ssp. Australis</i>	Common Reed	-	-	-	S5	-	-	-	L+?	CVC
Grass	<i>Poa pratensis ssp. pratensis</i>	Kentucky Bluegrass	-	-	-	S5	-	-	-	L+	CVC
Rush	<i>Juncus dudleyi</i>	Dudley's Rush	-	-	-	S5	-	-	-	L5	TRCA
Sedge	<i>Bolboschoenus fluviatilis</i>	River Bulrush	-	-	-	S4S5	rare	rare	rare	L3	TRCA
Sedge	<i>Carex blanda</i>	Woodland Sedge	-	-	-	S5	-	-	-	L5	TRCA
Sedge	<i>Carex cristatella</i>	Crested Sedge	-	-	-	S5	-	-	-	L5	TRCA
Sedge	<i>Carex lacustris</i>	Lake-bank Sedge	-	-	-	S5	-	-	uncommon	L4	TRCA
Sedge	<i>Carex pensylvanica</i>	Pennsylvania Sedge	-	-	-	S5	-	-	-	L4	TRCA
Sedge	<i>Carex radiata</i>	Stellate Sedge	-	-	-	S4	-	-	-	L5	TRCA
Sedge	<i>Carex vulpinoidea</i>	Fox Sedge	-	-	-	S5	-	-	-	L5	TRCA
Sedge	<i>Schoenoplectus tabernaemontani</i>	Soft-stem Bulrush	-	-	-	S5	-	-	-	L4	TRCA

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Shrub	<i>Acer ginnala</i>	Amur Maple	-	-	-	SNA	-	-	-	L+, pL+	CVC
Shrub	<i>Alnus incana ssp. rugosa</i>	Speckled Alder	-	-	-	S5	-	-	-	L3	CVC
Shrub	<i>Amelanchier sp.</i>	Serviceberry species	-	-	-	-	-	-	-	-	CVC
Shrub	<i>Berberis vulgaris</i>	European Barberry	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Carpinus caroliniana</i>	American Hornbeam	-	-	-	S5	-	-	-	L4	TRCA
Shrub	<i>Cornus alternifolia</i>	Alternate-leaf Dogwood	-	-	-	S5	-	-	-	L5	TRCA
Shrub	<i>Cornus rugosa</i>	Roundleaf Dogwood	-	-	-	S5	-	-	-	L4	CVC
Shrub	<i>Cornus stolonifera</i>	Red-osier Dogwood	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Corylus cornuta</i>	Beaked Hazelnut	-	-	-	S5	-	-	-	L4	TRCA
Shrub	<i>Crataegus monogyna</i>	English Hawthorn	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Crataegus punctata</i>	Dotted Hawthorn	-	-	-	S5	-	-	-	L5	TRCA
Shrub	<i>Diervilla lonicera</i>	Northern Bush-honeysuckle	-	-	-	S5	-	-	-	pL4, L4	CVC
Shrub	<i>Elaeagnus angustifolia</i>	Russian Olive	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Elaeagnus umbellata</i>	Autumn Olive	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Hamamelis virginiana</i>	American Witch-hazel	-	-	-	S5	-	-	-	L3	CVC
Shrub	<i>Lonicera dioica</i>	Mountain Honeysuckle	-	-	-	S5	-	-	-	L3	TRCA
Shrub	<i>Lonicera morrowii</i>	Morrow Honeysuckle	-	-	-	SNA	-	-	-	L+	TRCA
Shrub	<i>Lonicera tatarica</i>	Tartarian Honeysuckle	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Lonicera x bella</i>	Bella Honeysuckle	-	-	-	SNA	-	-	-	L+	TRCA
Shrub	<i>Malus pumila</i>	Common Apple	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Prunus virginiana ssp. virginiana</i>	Chokecherry	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Rhamnus cathartica</i>	Common Buckthorn	-	-	-	SNA	-	-	-	L+	TRCA
Shrub	<i>Rhus hirta</i>	Staghorn Sumac	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Rhus radicans ssp. Rydbergii</i>	Poison Ivy	-	-	-	S5	-	-	-	L5	TRCA

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Shrub	<i>Ribes americanum</i>	Wild Black Currant	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Ribes rubrum</i>	Northern Red Currant	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Rosa blanda</i>	Smooth Rose	-	-	-	S5	-	-	-	pL4	TRCA
Shrub	<i>Rosa multiflora</i>	Multiflora Rose	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Rubus alleghaniensis</i>	Allegheny Blackberry	-	-	-	S5	-	-	-	L5	TRCA
Shrub	<i>Rubus idaeus ssp. strigosus</i>	Grayleaf Red Raspberry	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Rubus occidentalis</i>	Black Raspberry	-	-	-	S5	-	-	-	L5	TRCA
Shrub	<i>Rubus odoratus</i>	Purple Flowering Raspberry	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Salix eriocephala</i>	Heart-leaved Willow	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Salix exigua</i>	Sandbar Willow	-	-	-	S5	-	rare	-	L5	CVC
Shrub	<i>Salix petiolaris</i>	Meadow Willow	-	-	-	S5	-	-	rare	L4	CVC
Shrub	<i>Sambucus canadensis</i>	Common Elderberry	-	-	-	S5	-	-	-	L5	CVC
Shrub	<i>Sambucus racemosa ssp. pubens</i>	Red Elderberry	-	-	-	S5	-	-	-	L5	TRCA
Shrub	<i>Solanum rostratum</i>	Buffalo Bur	-	-	-	SNA	-	-	-	L+	TRCA
Shrub	<i>Sorbus sp.</i>	Mountain-ash species	-	-	-	-	-	-	-	-	CVC
Shrub	<i>Syringa vulgaris</i>	Common Lilac	-	-	-	SNA	-	-	-	L+	CVC
Shrub	<i>Viburnum acerifolium</i>	Maple-leaf Viburnum	-	-	-	S5	-	-	-	L3	TRCA
Shrub	<i>Viburnum lentago</i>	Nannyberry	-	-	-	S5	-	-	-	L5	TRCA
Shrub	<i>Viburnum opulus</i>	Guelder-rose Viburnum	-	-	-	SNA	-	-	-	L+	TRCA
Tree	<i>Acer negundo</i>	Manitoba Maple	-	-	-	S5	-	-	-	L+?	CVC
Tree	<i>Acer platanoides</i>	Norway Maple	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Acer rubrum</i>	Red Maple	-	-	-	S5	-	-	-	L4	CVC
Tree	<i>Acer saccharinum</i>	Silver Maple	-	-	-	S5	-	-	-	L4	CVC
Tree	<i>Acer saccharum ssp. saccharum</i>	Sugar Maple	-	-	-	S5	-	-	-	L5	TRCA
Tree	<i>Betula alleghaniensis</i>	Yellow Birch	-	-	-	S5	-	-	-	L4	CVC

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Tree	<i>Betula papyrifera</i>	Paper Birch	-	-	-	S5	-	-	-	L4	CVC
Tree	<i>Carya ovata</i>	Shag-bark Hickory	-	-	-	S5	-	-	uncommon	L3	TRCA
Tree	<i>Fagus grandifolia</i>	American Beech	-	-	-	S4	-	-	-	L4	CVC
Tree	<i>Fraxinus americana</i>	White Ash	-	-	-	S5	-	-	-	L5	CVC
Tree	<i>Fraxinus panmsylvanica</i>	Green Ash variety	-	-	-	S5	-	-	-	L5, pL5	TRCA
Tree	<i>Fraxinus pennsylvanica</i> <i>var. subintegerrima</i>	Green Ash variety	-	-	-	S5	-	-	-	L5	CVC
Tree	<i>Juglans cinerea</i>	Butternut	END	END (Sch 1)	END	S3?	-	-	-	L3	CVC
Tree	<i>Juglans nigra</i>	Black Walnut	-	-	-	S4	-	-	-	L5	CVC
Tree	<i>Juniperus virginiana</i>	Eastern Red Cedar	-	-	-	S5	-	rare	rare	L5	CVC
Tree	<i>Larix decidua</i>	European Larch	-	-	-	SNA	-	-	-	pL+, ? L+	CVC
Tree	<i>Ostrya virginiana</i>	Eastern Hop-hornbeam	-	-	-	S5	-	-	-	L5	TRCA
Tree	<i>Picea abies</i>	Norway Spruce	-	-	-	SNA	-	-	-	pL+, ?; L+	CVC
Tree	<i>Picea glauca</i>	White Spruce	-	-	-	S5	-	rare	-	pL3, ?; L3	CVC
Tree	<i>Picea pungens</i>	Blue Spruce	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Pinus nigra</i>	Black Pine	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Pinus resinosa</i>	Red Pine	-	-	-	S5	rare	rare	rare	L2	CVC
Tree	<i>Pinus strobus</i>	Eastern White Pine	-	-	-	S5	-	-	-	L4	CVC
Tree	<i>Pinus sylvestris</i>	Scotch Pine	-	-	-	SNA	-	-	-	pL+; L+	CVC
Tree	<i>Populus balsamifera</i> <i>ssp. balsamifera</i>	Balsam Poplar	-	-	-	S5	-	-	-	L5	TRCA
Tree	<i>Populus deltoides</i>	Eastern Cottonwood	-	-	-	S5	-	-	-	L5	CVC
Tree	<i>Populus deltoides</i> <i>ssp. deltoides</i>	Eastern Cottonwood subspecies	-	-	-	SU	-	-	-		CVC

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Table B-2: Flora Species Recorded within the LWC Project Study Area (Cont'd)

Taxa Type	Scientific Name	Common Name	COSEWIC Status	SARA Status	SARO Status	Provincial Rank	Regional Rank	Local Rank	7E4 Rarity	TRCA Ranking	Source
Tree	<i>Populus nigra</i>	Black Cottonwood	-	-	-	SNA	-	-	-	prL+	TRCA
Tree	<i>Populus tremuloides</i>	Trembling Aspen	-	-	-	S5	-	-	-	L5	CVC
Tree	<i>Populus x canadensis</i>	Carolina Poplar	-	-	-	SNA	-	-	-	pL+	TRCA
Tree	<i>Prunus serotina</i>	Wild Black Cherry	-	-	-	S5	-	-	-	L5	CVC
Tree	<i>Quercus alba</i>	White Oak	-	-	-	S5	-	-	-	L2	CVC
Tree	<i>Quercus palustris</i>	Pin Oak	-	-	-	S4	-	-	-	-	CVC
Tree	<i>Quercus robur</i>	English Oak	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Quercus rubra</i>	Northern Red Oak	-	-	-	S5	-	-	-	L4	CVC
Tree	<i>Robinia pseudo-acacia</i>	Black Locust	-	-	-	SE5	-	-	-	L+	TRCA
Tree	<i>Salix alba var. alba</i>	White Willow	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Salix fragilis</i>	Crack Willow	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Thuja occidentalis</i>	Eastern White Cedar	-	-	-	S5	-	-	-	pL4, ?; L4	CVC
Tree	<i>Tilia americana</i>	American Basswood	-	-	-	S5	-	-	-	L5	CVC
Tree	<i>Tilia cordata</i>	Little-leaf Linden	-	-	-	SNA	-	-	-	L+	CVC
Tree	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	-	S5	-	-	-	L4	TRCA
Tree	<i>Ulmus americana</i>	American Elm	-	-	-	S5	-	-	-	L5	TRCA
Tree	<i>Ulmus pumila</i>	Siberian Elm	-	-	-	SNA	-	-	-	L+	CVC
Vine	<i>Cynanchum rossicum</i>	European Swallow-wort	-	-	-	SNA	-	-	-	L+	TRCA
Vine	<i>Echinocystis lobata</i>	Wild Mock-cucumber	-	-	-	S5	-	-	-	L5	CVC
Vine	<i>Vicia cracca</i>	Tufted Vetch	-	-	-	SNA	-	-	-	L+	CVC
Woody vine	<i>Parthenocissus inserta</i>	Thicket Creeper	-	-	-	S5	-	-	-	L5	CVC
Woody vine	<i>Rhus radicans ssp. negundo</i>	Poison Ivy subspecies	-	-	-	S5	-	-	-	L5	CVC
Woody vine	<i>Solanum dulcamara</i>	Climbing Nightshade	-	-	-	SNA	-	-	-	L+	CVC
Woody vine	<i>Vitis riparia</i>	Riverbank Grape	-	-	-	S5	-	-	-	L5	CVC

Table B-3: Mammals observed within the LWC Project Study Area

Scientific Name	Common Name	COSEWIC Status ¹	SARA Status ²	SARO Status ³	TRCA L-Rank (if available)*
<i>Canis latrans</i>	Coyote	-	-	-	L4
<i>Eptesicus fuscus</i>	Big Brown Bat	-	-	-	L4
<i>Lasionycteris noctivagans</i>	Silver-haired Bat	-	-	-	
<i>Lasiurus borealis</i>	Red Bat	-	-	-	L3
<i>Lasiurus cinereus</i>	Hoary Bat	-	-	-	L3
<i>Marmota monax</i>	Woodchuck	-	-	-	L5
<i>Mustela vison</i>	American Mink	-	-	-	L4
<i>Myotis lucifugus</i>	Little Brown Bat	Endangered	-	Endangered	L4
<i>Myotis septentrionalis</i>	Northern Long-eared Bat	Endangered	-	Endangered	L4
<i>Odocoileus virginianus</i>	White-tailed Deer	-	-	-	L4
<i>Ondatra zibethicus</i>	Muskrat	-	-	-	L4
<i>Pipistrellus subflavus</i>	Eastern Pipistrelle	Endangered	-	-	
<i>Procyon lotor</i>	Northern Raccoon	-	-	-	L5
<i>Sciurus carolinensis</i>	Eastern Gray Squirrel	-	-	-	L5
<i>Sylvilagus floridanus</i>	Eastern Cottontail	-	-	-	L4
<i>Tamias striatus</i>	Eastern Chipmunk	-	-	-	L4
<i>Lasiurus borealis</i>	Eastern Red Bat	-	-	-	L3

¹COSEWIC_STATUS Status assigned by the Committee on the Status of Endangered Wildlife in Canada

²SARA_STATUS Status according to the *Species at Risk Act* (Federal)

³SARO_STATUS Status according to the Species at Risk in Ontario list

* CVC has not yet developed local ranks

Table B-4: List of Reptile and Amphibian Species known within Regional Study Area

Scientific Name	Common Name	Most Recent Observation
<i>Diadophis punctatus</i>	Ring-necked Snake	Not Recorded
<i>Heterodon platirhinos</i>	Eastern Hog-nosed Snake	1924
<i>Lampropeltis triangulum triangulum</i>	Eastern Milksnake	2010
<i>Nerodia sipedon sipedon</i>	Common Watersnake	2000
<i>Opheodrys vernalis</i>	Smooth Greensnake	1976
<i>Storeria dekayi dekayi</i>	Northern Brownsnake	1990
<i>Storeria occipitomaculata occipitomaculata</i>	Northern Red-bellied Snake	1990
<i>Thamnophis sirtalis sirtalis</i>	Eastern Gartersnake	2011
<i>Trachemys scripta elegans</i>	Red-eared Slider	2008
<i>Chelydra serpentina</i>	Eastern Snapping Turtle	2011
<i>Chrysemys picta marginata</i>	Midland Painted Turtle	2006
<i>Emydoidea blandingii</i>	Blanding's Turtle	1988
<i>Graptemys geographica</i>	Northern Map Turtle	2011
<i>Rana clamitans melanota</i>	Green Frog	Not Recorded
<i>Bufo americanus</i>	American Toad	Not Recorded
<i>Rana catesbeiana</i>	Bullfrog	Not Recorded
<i>Rana sylvatica</i>	Wood Frog	Not Recorded
<i>Pseudacris triseriata</i>	Western Chorus Frog (Great Lakes St. Lawrence Population)	Not Recorded
<i>Pseudacris crucifer crucifer</i>	Northern Spring Peeper	Not Recorded
<i>Rana pipiens</i>	Northern Leopard Frog	Not Recorded

Table B-5: Amphibian Species Documented at Marie Curtis Park

Marsh Site	Species	Year Recorded	TRCA L-Rank (if available)*
Northwest Marsh	Green Frog (<i>Rana clamitans</i>)	2011, 2009	L4
	American Toad (<i>Bufo americanus</i>)	2003, 2011	L4
	Northern Leopard Frog (<i>Rana pipiens</i>)	2003	L3
Southwest Marsh	Green Frog (<i>Rana clamitans</i>)	2011, 2009	L4
	American Toad (<i>Bufo americanus</i>)	2003	L4
	Northern Leopard Frog (<i>Rana pipiens</i>)	2009, 2003	L3
East Marsh	Green Frog (<i>Rana clamitans</i>)	2011	L4
	American Toad (<i>Bufo americanus</i>)	2011	L4
	Northern Leopard Frog (<i>Rana pipiens</i>)	2007, 2003	L3
	Gray Treefrog (<i>Hyla versicolor</i>)	2007, 2011	L2

* CVC has not yet developed local ranks

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Table B-6: Birds Observed in the LWC Project Study Area Between 2009 and 2012

Scientific Name	Common Name	TRCA L-Rank (if available)*
<i>Accipiter cooperii</i>	Cooper's Hawk	L4
<i>Accipiter striatus</i>	Sharp-shinned Hawk	L3
<i>Actitis macularia</i>	Spotted Sandpiper	L4
<i>Agelaius phoeniceus</i>	Red-winged Blackbird	L5
<i>Aix sponsa</i>	Wood Duck	L4
<i>Anas acuta</i>	Northern Pintail	
<i>Anas americana</i>	American Wigeon	
<i>Anas clypeata</i>	Northern Shoveler	
<i>Anas crecca</i>	Green-winged Teal	L2
<i>Anas discors</i>	Blue-winged Teal	L3
<i>Anas platyrhynchos</i>	Mallard	L5
<i>Anas platyrhynchos x rubripes</i>	Mallard x American Black Duck Hybrid	
<i>Anas rubripes</i>	American Black Duck	L3
<i>Anas strepera</i>	Gadwall	L4
<i>Archilochus colubris</i>	Ruby-throated Hummingbird	L4
<i>Ardea herodias</i>	Great Blue Heron	L3
<i>Arenaria interpres</i>	Ruddy Turnstone	
<i>Aythya affinis</i>	Lesser Scaup	
<i>Aythya americana</i>	Redhead	
<i>Aythya collaris</i>	Ring-necked Duck	L2
<i>Aythya marila</i>	Greater Scaup	
<i>Aythya valisineria</i>	Canvasback	L2
<i>Bombycilla cedrorum</i>	Cedar Waxwing	L5
<i>Branta canadensis</i>	Canada Goose	L5
<i>Bucephala albeola</i>	Bufflehead	
<i>Bucephala clangula</i>	Common Goldeneye	
<i>Buteo jamaicensis</i>	Red-tailed Hawk	L5
<i>Butorides virescens</i>	Green Heron	L4
<i>Calidris alba</i>	Sanderling	
<i>Calidris alpina</i>	Dunlin	
<i>Calidris bairdii</i>	Baird's Sandpiper	
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	
<i>Calidris melanotos</i>	Pectoral Sandpiper	
<i>Calidris minutilla</i>	Least Sandpiper	
<i>Calidris pusilla</i>	Semipalmated Sandpiper	
<i>Cardinalis cardinalis</i>	Northern Cardinal	L5
<i>Carduelis tristis</i>	American Goldfinch	L5
<i>Cathartes aura</i>	Turkey Vulture	L4
<i>Catharus fuscescens</i>	Veery	L3
<i>Catharus guttatus</i>	Hermit Thrush	L3
<i>Catharus ustulatus</i>	Swainson's Thrush	
<i>Ceryle alcyon</i>	Belted Kingfisher	
<i>Chaetura pelagica</i>	Chimney Swift	L4
<i>Charadrius semipalmatus</i>	Semipalmated Plover	
<i>Charadrius vociferus</i>	Killdeer	L5
<i>Circus cyaneus</i>	Northern Harrier	L3

**Table B-6: Birds Observed in the LWC Project Study Area
Between 2009 and 2012 (Cont'd)**

Scientific Name	Common Name	TRCA L-Rank (if available)
<i>Clangula hyemalis</i>	Long-tailed Duck	
<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo	L3
<i>Colaptes auratus</i>	Northern Flicker	L4
<i>Columba livia</i>	Rock Dove	L+
<i>Contopus virens</i>	Eastern Wood-pewee	L4
<i>Corvus brachyrhynchos</i>	American Crow	L5
<i>Cyanocitta cristata</i>	Blue Jay	L5
<i>Cygnus buccinator</i>	Trumpeter Swan	L+
<i>Cygnus olor</i>	Mute Swan	L+
<i>Dendroica caerulescens</i>	Black-throated Blue Warbler	L3
<i>Dendroica coronata</i>	Yellow-rumped Warbler	L3
<i>Dendroica fusca</i>	Blackburnian Warbler	L3
<i>Dendroica magnolia</i>	Magnolia Warbler	L3
<i>Dendroica palmarum</i>	Palm Warbler	
<i>Dendroica pensylvanica</i>	Chestnut-sided Warbler	L3
<i>Dendroica petechia</i>	Yellow Warbler	
<i>Dendroica pinus</i>	Pine Warbler	
<i>Dendroica striata</i>	Blackpoll Warbler	
<i>Dendroica virens</i>	Black-throated Green Warbler	
<i>Dolichonyx oryzivorus</i>	Bobolink	L2
<i>Dryocopus pileatus</i>	Pileated Woodpecker	L3
<i>Dumetella carolinensis</i>	Gray Catbird	L4
<i>Empidonax alnorum</i>	Alder Flycatcher	L3
<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	
<i>Empidonax minimus</i>	Least Flycatcher	L3
<i>Empidonax traillii</i>	Willow Flycatcher	L4
<i>Eremophila alpestris</i>	Horned Lark	L3
<i>Falco columbarius</i>	Merlin	L3
<i>Falco peregrinus</i>	Peregrine Falcon	L4
<i>Falco sp.</i>	Falcon species	
<i>Falco sparverius</i>	American Kestrel	L4
<i>Fulica americana</i>	American Coot	L2
<i>Gavia immer</i>	Common Loon	
<i>Geothlypis trichas</i>	Common Yellowthroat	L4
<i>Hirundo rustica</i>	Barn Swallow	L4
<i>Hydroprogne caspia</i>	Caspian Tern	L3
<i>Hylocichla mustelina</i>	Wood Thrush	L3
<i>Icterus galbula</i>	Baltimore Oriole	L5
<i>Junco hyemalis</i>	Dark-eyed Junco	
<i>Larus argentatus</i>	Herring Gull	L4
<i>Larus delawarensis</i>	Ring-billed Gull	L4
<i>Larus marinus</i>	Great Black-backed Gull	L4
<i>Limnodromus griseus</i>	Short-billed Dowitcher	
<i>Lophodytes cucullatus</i>	Hooded Merganser	L3

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**Table B-6: Birds Observed in the LWC Project Study Area
Between 2009 and 2012 (Cont'd)**

Scientific Name	Common Name	TRCA L-Rank (if available)
<i>Megaceryle alcyon</i>	Belted Kingfisher	L4
<i>Melanerpes carolinus</i>	Red-bellied Woodpecker	L4
<i>Melanitta fusca</i>	White-winged Scoter	
<i>Melospiza melodia</i>	Song Sparrow	L5
<i>Mergus merganser</i>	Common Merganser	L3
<i>Mergus serrator</i>	Red-breasted Merganser	
<i>Mimus polyglottos</i>	Northern Mockingbird	L5
<i>Mniotilta varia</i>	Black-and-white Warbler	L2
<i>Molothrus ater</i>	Brown-headed Cowbird	L5
<i>Myiarchus crinitus</i>	Great Crested Flycatcher	L4
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron	L3
<i>Oreothlypis ruficapilla</i>	Nashville Warbler	
<i>Oxyura jamaicensis</i>	Ruddy Duck	
<i>Parula americana</i>	Northern Parula	
<i>Parus atricapillus</i>	Black-capped Chickadee	
<i>Passer domesticus</i>	House Sparrow	L+
<i>Passerculus sandwichensis</i>	Savannah Sparrow	L4
<i>Passerina cyanea</i>	Indigo Bunting	L4
<i>Petrochelidon pyrrhonota</i>	Cliff Swallow	
<i>Phalacrocorax auritus</i>	Double-crested Cormorant	L3
<i>Phalaropus tricolor</i>	Wilson's Phalarope	
<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak	L4
<i>Picoides pubescens</i>	Downy Woodpecker	L5
<i>Picoides villosus</i>	Hairy Woodpecker	L4
<i>Pipilo erythrophthalmus</i>	Eastern Towhee	L3
<i>Piranga olivacea</i>	Scarlet Tanager	L3
<i>Podiceps auritus</i>	Horned Grebe	
<i>Podiceps grisegena</i>	Red-necked Grebe	L3
<i>Podilymbus podiceps</i>	Pied-billed Grebe	L3
<i>Poecile atricapillus</i>	Black-capped Chickadee	L5
<i>Poliptila caerulea</i>	Blue-gray Gnatcatcher	L4
<i>Pooecetes gramineus</i>	Vesper Sparrow	L3
<i>Quiscalus quiscula</i>	Common Grackle	L5
<i>Regulus calendula</i>	Ruby-crowned Kinglet	
<i>Regulus satrapa</i>	Golden-crowned Kinglet	L3
<i>Riparia riparia</i>	Bank Swallow	L3
<i>Sayornis phoebe</i>	Eastern Phoebe	L5
<i>Seiurus aurocapilla</i>	Ovenbird	L2
<i>Seiurus noveboracensis</i>	Northern Waterthrush	L3
<i>Setophaga caerulescens</i>	Black-throated Blue Warbler	L3
<i>Setophaga coronata</i>	Yellow-rumped Warbler	L3
<i>Setophaga fusca</i>	Blackburnian Warbler	L3
<i>Setophaga magnolia</i>	Magnolia Warbler	L3
<i>Setophaga pensylvanica</i>	Chestnut-sided Warbler	L3

**Table B-6: Birds Observed in the LWC Project Study Area
Between 2009 and 2012 (Cont'd)**

Scientific Name	Common Name	TRCA L-Rank (if available)
<i>Setophaga petechia</i>	Yellow Warbler	L5
<i>Setophaga pinus</i>	Pine Warbler	L4
<i>Setophaga ruticilla</i>	American Redstart	L3
<i>Setophaga virens</i>	Black-throated Green Warbler	L3
<i>Sialia sialis</i>	Eastern Bluebird	L4
<i>Sitta canadensis</i>	Red-breasted Nuthatch	L4
<i>Sitta carolinensis</i>	White-breasted Nuthatch	L4
<i>Spizella arborea</i>	American Tree Sparrow	
<i>Spizella passerina</i>	Chipping Sparrow	L5
<i>Spizella pusilla</i>	Field Sparrow	L4
<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow	L4
<i>Sterna hirundo</i>	Common Tern	L3
<i>Sturnella magna</i>	Eastern Meadowlark	L3
<i>Sturnus vulgaris</i>	European Starling	L+
<i>Tachycineta bicolor</i>	Tree Swallow	L4
<i>Thryothorus ludovicianus</i>	Carolina Wren	L4
<i>Toxostoma rufum</i>	Brown Thrasher	L3
<i>Tringa flavipes</i>	Lesser Yellowlegs	
<i>Tringa melanoleuca</i>	Greater Yellowlegs	
<i>Tringa solitaria</i>	Solitary Sandpiper	
<i>Troglodytes troglodytes</i>	Winter Wren	L3
<i>Turdus migratorius</i>	American Robin	L5
<i>Tyrannus tyrannus</i>	Eastern Kingbird	L4
<i>Vermivora ruficapilla</i>	Nashville Warbler	L3
<i>Vireo gilvus</i>	Warbling Vireo	L5
<i>Vireo olivaceus</i>	Red-eyed Vireo	L4
<i>Vireo solitarius</i>	Blue-headed Vireo	L3
<i>Wilsonia pusilla</i>	Wilson's Warbler	
<i>Woodpecker sp.</i>	Woodpecker species	
<i>Zenaida macroura</i>	Mourning Dove	L5
<i>Zonotrichia leucophrys</i>	White-crowned Sparrow	

* CVC has not yet developed local ranks

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Table B-7: Butterflies and Odonates Observed in the LWC Project Study Area Between 2009 and 2012

Scientific Name	Common Name	Generalized Rarity	Breeding Status ¹
<i>Celastrina argiolus</i>	Spring Azure	Generally Common	-
<i>Celastrina neglecta</i>	Summer Azure	Generally common	-
<i>Everes comyntas</i>	Eastern Tailed Blue	Generally common	-
<i>Limenitis archippus</i>	Viceroy	Generally common	-
<i>Papilio glaucus</i>	Eastern Tiger Swallowtail	Generally common	-
<i>Papilio polyxenes</i>	Black Swallowtail	Generally common	-
<i>Danaus plexippus</i>	Monarch	Generally common	Breeding migrant
<i>Junonia coenia</i>	Common Buckeye	Uncommon	Breeding migrant
<i>Colias eurytheme</i>	Orange Sulphur	Generally common	Breeds here annually, likely renews through migration, at least initially.
<i>Coenonympha tullia</i>	Common Ringlet	Generally common	Can often migrate
<i>Nymphalis antiopa</i>	Mourning Cloak	Generally common	Can often migrate
<i>Eurema lisa</i>	Little Yellow	Uncommon	Migrant with no evidence of breeding here
<i>Hylephila phyleus</i>	Fiery Skipper	Uncommon	Occasionally breeding migrant
<i>Erynnis baptisiae</i>	Wild Indigo Duskywing	Uncommon	Partial migrant starting temporary or permanent colonies
<i>Colias philodice</i>	Clouded Sulphur	Generally Common	Strong migrational tendencies but full implications unclear
<i>Pieris rapae</i>	Cabbage White	Generally common	Strong migrational tendencies but full implications unclear
<i>Enallagma civile</i>	Familiar Bluet	-	-
<i>Ischnura verticalis</i>	Eastern Forktail	-	-
<i>Lestes rectangularis</i>	Slender Spreadwing	-	-
<i>Anax junius</i>	Common Green Darner	-	-
<i>Erythemis simplicicollis</i>	Eastern Pondhawk	-	-
<i>Libellula pulchella</i>	Twelve-spotted Skimmer	-	-
<i>Pachydiplax longipennis</i>	Blue Dasher	-	-
<i>Pantala flavescens</i>	Wandering Glider	-	-
<i>Pantala hymenaea</i>	Spot-winged Glider	-	-
<i>Tramea carolina</i>	Carolina Saddlebags	-	-
<i>Tramea lacerata</i>	Black Saddlebags	-	-

¹ Generalized rarity and Breeding Status are taken from Harrison, B., 2007.

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Table B-8: Species at Risk Flora and Fauna known from the LWC Project Study Area

Taxa Type	Scientific Name	Common Name	COSEWIC Status ¹	SARA Status ²	SARO Status ³	TRCA L-Rank (if available)*
Bird	<i>Contopus virens</i>	Eastern Wood-pewee	Special Concern	-	-	L4
Bird	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern (Schedule 1)	NAR	
Bird	<i>Falco peregrinus</i>	Peregrine Falcon	Special Concern	Threatened (Schedule 1)	Special Concern	L4
Bird	<i>Podiceps auritus</i>	Horned Grebe	Special Concern	-	Special Concern	
Bird	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	-	Threatened	L2
Bird	<i>Hirundo rustica</i>	Barn Swallow	Threatened	-	Threatened	L4
Bird	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	-	-	L3
Bird	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	-	Threatened	L3
Lepidoptera	<i>Danaus plexippus</i>	Monarch	Special Concern	Special Concern (Schedule 1)	Special Concern	
Mammal	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	-	Endangered	L4
Mammal	<i>Myotis septentrionalis</i>	Northern Myotis	Endangered	-	Endangered	
Mammal	<i>Pipistrellus subflavus</i>	Eastern Pipistrelle	Endangered	-	-	
Tree	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered (Schedule 1)	Endangered	

¹ COSEWIC_STATUS - Status assigned by the Committee on the Status of Endangered Wildlife in Canada

² SARA_STATUS - Status according to the *Species at Risk Act* (Federal)

³ SARO_STATUS - Status according to the Species at Risk in Ontario list

* CVC has not yet developed local ranks