

Summary of Characteristics that Qualify Sites as ESAs (Source: Environmentally Significant Areas in the City of Toronto, June 2012, Appendix 2)

Number	Site Number	Name	Description	Area (Ha)	Valley System	CRITERION A: Rare Species/Rare Communities	CRITERION B: Significant Landform	CRITERION C: Significant Size, Levels of Diversity	CRITERION D: Significant Ecological Functions
1	1	Barkey Woods	mature upland deciduous forest with a small deciduous swamp	11.7	Rouge Tributary	7 significant flora species 2 significant fauna species	none	<ul style="list-style-type: none"> <li>47 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>breeding habitat for sensitive woodland frogs.</li> </ul>
2	2	Base of Spit	thicket, meadow, woodland and wetland on fill at the base of the Leslie Street Spit	42.7	Waterfront	19 significant flora species 2 significant fauna species 7 significant vegetation communities	none	<ul style="list-style-type: none"> <li>28 vegetation communities</li> <li>46 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>Notable as a stopover area for migrating songbirds: with approximately 2% of Toronto's records of migrant songbirds noted in this location (Dougan and NSE 2010).</li> <li>water storage function (wetland 8.3 ha)</li> </ul>
3	3	Beare Road Woodlot	mature forest on tableland, continuing on moderately steep valley slopes descending to a floodplain and small creek	8.1	Rouge	11 significant flora species 1 significant fauna species	none	<ul style="list-style-type: none"> <li>59 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>non-breeding habitat (potentially including summer foraging and winter hibernating habitat) for sensitive woodland frogs.</li> </ul>
4	4	Bellamy Ravine/Sylvan Park	deciduous forests on steep slopes of a ravine, with an adjacent area of table land ending next to the lake at the Scarborough Bluffs	28.0	Waterfront	9 significant flora species 3 significant vegetation communities	none	<ul style="list-style-type: none"> <li>45 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>approximately 300 bank swallow (a colonial nesting bird species) nests on bluffs just east of the ravine</li> </ul>
5	5	Bell's Woodlot	deciduous woodlot within a small ravine with a watercourse flowing through it	3.5	Don Tributary	1 significant flora species 1 significant fauna species	none	none	none
6	6	Black Grass Site	Valley slopes and floodplain along the East Don River, including a portion of table land and a cattail marsh on the outside "elbow" of a meander	23.6	Don	13 significant flora species 1 significant fauna species	none	<ul style="list-style-type: none"> <li>58 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>wetlands provide water storage area of 4.5 ha</li> </ul>
7	7	Bluehaven Area	moist, open area interspersed with patches of green ash deciduous swamp and Manitoba maple cultural woodland on the bottomlands adjacent to the Humber River	0.6	Humber	1 significant flora species	none	none	none
8	8	Brookbanks Ravine	deciduous forest dominated by sugar maple, American beech and hemlock along the steep slopes of a ravine, to a bottomland dominated by lowland forest	16.7	Don Tributary	5 significant flora species 1 significant vegetation community 1 significant fauna species	none	<ul style="list-style-type: none"> <li>41 L1 to L4 species</li> </ul>	none
9	9	Burke Brook Forest	cultural, forest, bluff, swamp and marsh units on the slopes and bottomlands of a ravine	24.6	Don Tributary	4 significant flora species 2 significant vegetation communities 1 significant fauna species	none	<ul style="list-style-type: none"> <li>large size: TRCA Size Score of 4</li> <li>31 vegetation communities</li> <li>54 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>numerous seepage areas support increased wetland diversity</li> </ul>
10	10	Cedarbrae Woods	mid-aged to mature sugar maple forest along steep valley slopes; bottomland with cedar-hardwood mixed forest	5.5	Rouge	1 significant flora species	modern alluvium and recent post-glacial lakes	none	none

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11	12	Centennial Forest and Swamp	large mature silver maple mineral deciduous swamp containing numerous vernal pools, fringed by immature green ash mineral deciduous swamp and meadow marsh habitats	58.7	Rouge Tributary	12 significant flora species 2 significant vegetation communities 1 significant fauna species	area of shallow sands over bedrock is unusual in the City of Toronto	<ul style="list-style-type: none"> <li>40 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>water storage function (wetland 11.6 ha)</li> </ul>
12	13	Centre Island Meadow/Wildlife Sanctuary	sand dune, sand barren, beach, thicket swamp with slender willow and red-osier dogwood, meadow marsh with a highly diverse understory of sedges, rushes and forbs, and aquatic marsh; interspersed with cultural communities	23.9	Waterfront	43 significant flora species 7 significant vegetation communities 4 significant fauna species	well sorted and well stratified medium sand representing shallow water sediments deposited in the quiet areas behind the formerly active spit	<ul style="list-style-type: none"> <li>73 L1 to L4 species</li> </ul>	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 28% of migrant bird records are from the Toronto Islands</li> </ul>
13	14	Chapman Valley	deeply incised ravine vegetated by mature mixed and deciduous forest	12.0	Humber Tributary	7 significant flora species	none	<ul style="list-style-type: none"> <li>43 L1 to L4 species</li> </ul>	none
14	15	Chatsworth Ravine	wooded area along the slopes of a ravine with coniferous forest along the north slope and mature deciduous forest along the south slope	4.2	Don Tributary	2 significant flora species	none	none	none
15	16	Cherry Beach	an area of fill in varying stages of succession, including native and non-native successional communities, along the shoreline west of the Leslie Street Spit	8.4	Waterfront	11 significant flora species; 4 significant vegetation communities	none	none	<ul style="list-style-type: none"> <li>notable area for migrant songbirds: 2% of migrant songbird records for the City of Toronto are from the area along Unwin Avenue</li> </ul>
	16A	Cherry Beach West	cottonwood forest and successional communities interspersed with areas of shrub beach and open beach	11.3	Waterfront	8 significant flora species; 1 significant fauna species 5 significant vegetation communities	none	none	<ul style="list-style-type: none"> <li>notable area for migrant songbirds: 2% of migrant songbird records for the City of Toronto are from the area along Unwin Avenue (Dougan and NSE 2010)</li> </ul>
16	17	Conlin's Pond	a pond, which occupies a former gravel pit, with a narrow band of vegetation along its edge	2.7	Highland Tributary	1 significant flora species	none	none	<ul style="list-style-type: none"> <li>water storage function (wetland and open water of 2.04 ha)</li> </ul>
17	18	Core Woods	mature deciduous forest situated on gentle to moderately steep slopes	7.4	Rouge Tributary	7 significant flora species	none	none	none
18	19	Crothers Woods	mature beech-maple-oak slope forest, thicket and successional forest with small seepage areas at the base of the slopes	15.6	Don	6 significant flora species 2 significant fauna species	high-quality excellent example of the upper valley wall and terrace of the Don River.	50 L1 to L4 species	none

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19	20	Diller Woods/Pearce Woods/Tabor's Horsetail Meadow	valley feature which follows the Little Rouge Creek. Includes deciduous and mixed forest, successional communities, and small areas of coniferous forest, marsh and swamp, high bluffs, willow bars and gravel beds, and open beach/bar. The high bluff at the south end of the site is significant as an exposure representing the location of the former Iroquois shoreline in this area.	106.6	Rouge	60 significant flora species 6 significant fauna species 9 significant vegetation communities	depositional beach deposit exposure representing the location of the former Iroquois shoreline	70 vegetation communities 200 L1 to L4 species	<ul style="list-style-type: none"> <li>groundwater discharge has resulted in calcareous soils which has fostered the persistence of habitat-specific wetland species</li> <li>wetlands provide a water storage area of 9.3 ha</li> <li>this site is a significant node of habitat that provides linkage between amphibian breeding and foraging habitat.</li> </ul>
20	21	Don Valley (central section)	deciduous lowland forest, successional areas and swamp on the floodplain of the Don River	15.7	Don	8 significant flora species (all likely planted as part of wetland restoration and appear to be established) 1 significant fauna species	none	none	<ul style="list-style-type: none"> <li>water storage function (wetland area of 2.4 ha)</li> </ul>
21	22	Don Valley Brickworks (earth science only)	steep exposed man-made bluff, excavated as part of a former quarry, that exhibits deposits that represent at least two glaciations	0.9	Don	none	the most complete series of Pre-Wisconsinan drift deposits from a single locality	none	none
22	23	Earl Bales Woodlot	Mature deciduous forest, lowland forest and swamp on the tablelands, slopes and bottomlands of a ravine	37.0	Don Tributary	4 significant flora species 1 significant fauna species	good representation of the west valley wall of the upper Don River in this part of Toronto	TRCA Size Score of 4 54 L1 to L4 species	none
23	24	East Don Valley Swamp	section of valley walls with mature deciduous forest and valley floodplain with lowland deciduous forest and swamp along the Don River	83.9	Don	51 significant flora species 4 significant vegetation communities 4 significant fauna species	none	TRCA Size Score of 4 21 vegetation communities 127 L1 to L4 species	<ul style="list-style-type: none"> <li>significant groundwater seepage (presence of groundwater discharge communities)</li> <li>water storage area of 16.6 ha</li> </ul>
24	25	East Point	patchy open area associated with active bluffs and gullies representing the east end of the Scarborough Bluffs	46.6	Waterfront	37 significant flora species 9 significant vegetation communities 2 significant fauna species	an excellent example of bluff formation and maintenance	30 vegetation communities 74 L1 to L4 species	<ul style="list-style-type: none"> <li>total water storage area of 7.2 ha</li> </ul>
25	26	Ellesmere Woods	Mid-aged to mature deciduous and mixed forested steep-sided ridges with a variety of narrow valleys and flat-topped crests.	16.2	Highland	5 significant flora species 1 significant vegetation community 1 significant fauna species	none	48 L1 to L4 flora species	none
26	27	Ellis Avenue	small tract of mature deciduous forest at the back of lots on the slope down to Grenadier Pond, on the west side of High Park	0.9	Waterfront	1 significant flora species (access restricted) 1 significant fauna species	none	none	none

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27	30	Finch Ave. Meander/Sewells Forest/Reesor Woodlot	large, forested ravine adjacent to the Rouge River with mature forest, very diverse topography (varying from level to rolling) and areas of bottomland	58.3	Rouge	29 significant flora species 5 significant vegetation communities 5 significant fauna species	significant meander bends associated with the river and its main valley	40 vegetation communities 86 L1 to L4 species	<ul style="list-style-type: none"> <li>area of significant wildlife habitat (bank swallow colony nesting in bluffs).</li> <li>water storage area of 9.9 ha</li> </ul>
28	31	Garland Park	deciduous forest and cultural units along the slopes and bottomlands of a ravine	2.8	Humber	3 significant flora species	none	none	none
29	32	Glen Davis Ravine	forested south-facing slope of a ravine	1.7	Waterfront	2 significant flora species	none	none	none
30	33	Glen Stewart Ravine	ravine with mature deciduous forest on slopes and seepages supporting swamp communities	7.3	Waterfront	9 significant flora species 1 significant vegetation community 1 significant fauna species	none	43 L1 to L4 species.	<ul style="list-style-type: none"> <li>significant stopover area for migrant songbirds: 1% of the migrant songbird records are from Glen Stewart Ravine.</li> <li>seepage areas supporting wetland vegetation contribute to water quality and diversity.</li> </ul>
31	34	Glendon Forest	mixture of cultural, forest, bluff, swamp and marsh units on the slopes and bottomlands of a ravine	60.6	Don	37 significant flora species 4 significant vegetation communities 2 significant fauna species	none	TRCA Size Score of 4 41 vegetation communities 109 L1 to L4 species	<ul style="list-style-type: none"> <li>groundwater seepage supports substantial wetland communities;</li> <li>water storage area of 6.3 ha</li> </ul>
32	35	Guild Woods	deciduous forest and swamp on tableland, with bluffs along the southern edge (along Lake Ontario)	14.8	Waterfront	11 significant flora species 4 significant vegetation communities	none	none	<ul style="list-style-type: none"> <li>water storage area of 3.9 ha</li> </ul>
33	36	Hague Park	moderate to steep deciduous and mixed forest on valley slopes and lowland forest and swamp on floodplain situated along West Highland Creek	10.1	Highland	4 significant flora species	none	none	<ul style="list-style-type: none"> <li>seepage areas support diversity of wetland communities</li> </ul>
34	37	Hanlan's Beach	open dune, thicketed dune, beach and thicket swamp communities on active and stabilized sand dunes	27.05	Waterfront	43 significant flora species 12 significant vegetation communities	best example of beach and dune formation creating the re-curved portion of the major spit composing the original Toronto Islands	85 L1 to L4 species	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 28% of migrant bird records are from the Toronto Islands</li> </ul>
35	38	High Park	rolling sandy uplands vegetated with black oak savannah and prairie openings as well as steeply incised stream channels with mature forest, ponds with aquatic and shallow marsh	83.25	Waterfront	105 significant flora species 6 significant vegetation communities 10 significant fauna species	largely intact remnants of the interim period between the recession of Lake Iroquois and the modern lake processes that formed the Toronto Islands	24 vegetation communities 167 L1 to L4 species	<ul style="list-style-type: none"> <li>notable area for migrant songbirds: 20% of migrant songbird records are from High Park (Dougan and NSE 2010)</li> <li>marshes, swamps and open water areas provide 22.3 ha of water storage area in the park</li> </ul>

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36	39	Highland Forest/ Morningside Park and Highland Creek - West	steep, high quality deciduous and mixed forested slopes, coniferous forest and bottomlands, younger forest, wetlands based on both organic and mineral soils including tamarack swamp, meadow marsh, swamp thicket and shallow marsh communities	242.0	Highland	56 significant flora species 23 significant vegetation communities 6 significant fauna species	none	TRCA Size Score of 4 184 L1 to L4 species 84 vegetation communities	<ul style="list-style-type: none"> <li>marshes and swamps provide 21.5 ha of water storage area</li> <li>major node in the regional Highland Creek corridor that contributes to connection between foraging and breeding habitat for amphibians</li> <li>provides breeding habitat for amphibians (green frog, American bullfrog, American toad)</li> <li>provides habitat for colonial nesting birds (bank swallow)</li> </ul>
37	40	Home Smith Area	mature deciduous and mixed forest on the slopes of Humber Valley	3.2	Humber	2 significant flora species	none	none	none
38	41	Humber College Arboretum	extensive closed deciduous forest on table land	7.2	Humber	6 significant flora species	none	none	none
39	42	Humber Valley	cattail marshes, graminoid meadows and bottomland forests which have formed in backwater areas of the Humber River meanders and meander cut-offs upstream of Lake Ontario, bordered by deciduous forest on slopes and table lands	43.5	Humber	53 significant flora species 6 significant vegetation communities 15 significant fauna species	none	26 vegetation communities 157 L1 to L4 species	<ul style="list-style-type: none"> <li>area of waterfowl aggregation;</li> <li>significant stopover area for migrant songbirds (almost 2% of the total migrant songbird records for the City of Toronto are from Humber Bay);</li> <li>marshes and swamps provide 22.9 ha of water storage;</li> <li>significant area of amphibian breeding habitat;</li> <li>provides an important node in the linkage between the lake and the river corridor that contributes to connection between foraging and breeding habitat for frogs and turtles.</li> </ul>
40	43	Humberforks at Thistletown	successional communities in various stages, lowland forest, and small areas of meadow marsh situated on the tablelands and bottomlands at the junction of the West Humber and Humber Rivers	17.8	Humber	4 significant flora species. 1 significant vegetation community	high-quality, unusual fluvial landforms/processes are well displayed along these two rivers	none	none
41	44	Iroquois Shoreline	the last undeveloped part of the Iroquois Shoreline in Toronto in a relatively natural state that shows both the old shoreline as well as the bluff above it	2.4	Don Watershed	5 significant flora species	virtually unmodified examples of the bluff slope, boulder lag deposit (eroded from the upper tills and lying at the base of the slope) and former lake bed.	none	none
42	45	Lambton Park Prairie	prairie remnants on table lands, deciduous forested bank and flat terrace next to the Humber river	10.0	Humber	21 significant flora species 3 significant vegetation communities	excellent representation of the lower to middle Humber River valley in the City of Toronto	48 L1 to L4 species	none

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43	46	Lambton Woods	extensive mature deciduous forests on steep valley wall and portions of narrow flood plain, mature mixed forest on the west bank of the Humber River; groundwater-fed swamp dominated by balsam poplar, tamarack and yellow birch, skunk cabbage; small open shallow marsh	21.6	Humber	42 significant flora species 9 significant vegetation communities 1 significant fauna species	excellent representation of the lower to middle Humber River valley in the City of Toronto	28 vegetation communities 111 L1 to L4 species	<ul style="list-style-type: none"> <li>Notable area for migrant songbirds: 5% of migrant songbird records for the City are from Lambton Woods</li> <li>Swamps and marshes provide 9.8 ha of water storage</li> <li>Wetlands are situated in areas of groundwater discharge or high water table</li> </ul>
44	48	Leslie Street Spit	spit constructed of large rubble from building sites deposited into Lake Ontario, vegetated with successional herbaceous species, shrubs and deciduous trees	63.0	Waterfront	12 significant flora species 7 significant vegetation communities 4 significant fauna species	none	none	<ul style="list-style-type: none"> <li>notable area for migrant songbirds: 21% of migrant songbird records are from Tommy Thompson Park/Leslie Street Spit</li> <li>important colonial breeding bird area</li> <li>noted area for migrant and wintering waterfowl</li> <li>probable function of rubble as snake hibernacula</li> <li>breeding habitat for American toad and northern leopard frog</li> <li>provides linkage between foraging and breeding habitat for frogs</li> </ul>
45	49	Little Rouge Forest (includes Little Rouge Creek Earth Science features)	large natural area situated between the Rouge River and Little Rouge Creek containing deciduous and mixed table land forest, deciduous and mixed forest on steep valley slopes, terraces, bluffs, and swamps and marshes on floodplain.	259.2	Rouge Tributary	82 significant flora species 17 significant vegetation communities 7 significant fauna species	excellent examples of an active river floodplain in a relatively natural setting, along with a very prominent interfluvial ridge. Two provincial earth science ANSIs based on bedrock outcrops	TRCA Size Score of 4; Patch Score ranking L2 (City of Toronto 2001) 74 vegetation communities 171 L1 to L4 species	<ul style="list-style-type: none"> <li>marshes and swamps provide 19.4 ha of water storage area</li> <li>this node is significant to a major landscape linkage along the Rouge River; providing linkage between foraging and breeding habitat for frogs</li> </ul>
46	50	Meadowvale Woodlot A	mature hemlock-sugar maple forest woodlot on the east facing slope of a valley	4.2	Rouge	3 significant flora species 2 significant fauna species	none	none	<ul style="list-style-type: none"> <li>foraging area for significant amphibian species</li> </ul>
47	51	Meadowvale Woodlot B	mature woodlot dominated by deciduous forest, with a stream and intermittent tributary	2.0	Rouge	1 significant flora species	none	none	none
48	52	Milliken Woods	small woodlot dominated by deciduous forest	2.7	Rouge	3 significant flora species	none	none	none
49	53	Moore Park Ravine	slopes and bottomlands of a ravine with mature deciduous forest	18.8	Don	12 significant flora species 1 significant vegetation community	none	TRCA Size Score of 4 22 vegetation communities 56 L1 to L4 species	<ul style="list-style-type: none"> <li>seepage areas support substantial swamp communities</li> </ul>

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50	54	Morningside Creek Forest/Milne's Forest	narrow floodplain with steep forested valley walls dominated by deciduous and mixed forest as well as huge bluffs along the banks of the Rouge River; includes an area to the east of the Rouge River and west of the Toronto Zoo that exhibits unique topography including a series of steep ridges/slopes and broad terraces that contain a number of relict river meanders, which evidently hold water for part of the year acting as ephemeral ponds during the spring	146.0	Rouge	63 significant flora species 10 significant vegetation communities 11 significant fauna species	well-displayed and prominent fluvial landforms; exhibits unique topography including a series of steep ridges/slopes and broad terraces with relict river meanders	TRCA Size Score of 4 81 vegetation communities 177 L1 to L4 species	<ul style="list-style-type: none"> <li>Habitat for wintering concentrations of deer</li> <li>marshes and swamps provide 14.1 ha of water storage area</li> <li>significant amphibian breeding habitat for sensitive woodland-breeding amphibians</li> <li>important linkage along the Rouge River, providing linkage between foraging and breeding habitat for frogs</li> </ul>
51	55	Muggs Island	open cottonwood forest as well as thicket, dry open sand barrens areas, small swampy depressions	11.2	Waterfront	26 significant flora species 4 significant vegetation communities	well-sorted and well-stratified fine to medium sands representing shallow water sediments in the Toronto Islands	49 L1 to L4 species	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 28% of migrant bird records are from the Toronto Islands</li> </ul>
52	56	Nordheimer Ravine	mature deciduous forest on a south eastern ravine slope, lowland deciduous forest community	9.9	Don	15 significant flora species 1 significant vegetation community	none	51 L1 to L4 species	none
53	58	Park Drive Ravine/Don Valley (West Side)	mature forested communities, as well as successional thickets and savannahs, along the upper slopes of the Don River Valley and along a contiguous forested ravine along the Don River Tributary between the Don River and Mount Pleasant Road	35.5	Don	10 significant flora species 3 significant vegetation communities 2 significant fauna species	none	TRCA Size Score of 4 (in combination with contiguous Moore Park Ravine) 26 vegetation communities 55 L1 to L4 species	none
54	59	Passmore Forest	mature, diverse deciduous forest	7.9	Highland Watershed	8 significant flora species	none	none	<ul style="list-style-type: none"> <li>substantial seepage areas support swamp vegetation community and additional diversity.</li> </ul>
55	61	Rennie Park	west and east facing slopes of a ravine just west of High Park supporting deciduous forest, old field and lowland forest following a small creek and including a pond.	6.8	Humber	8 significant flora species 2 significant vegetation communities 1 significant fauna species	none	43 L1 to L4 species	<ul style="list-style-type: none"> <li>marshes and open water provide 2.7 ha of water storage area.</li> <li>this area provides amphibian breeding habitat</li> </ul>
56	62	Rosedale Valley	wooded slopes of a steep ridge along the north side of the Rosedale Valley and, to the north, a deep ravine with steep slopes on either side of Rosedale Valley road, which runs along the bottom of the ravine. Deciduous forest dominates both slopes	13.2	Don Tributary	6 significant flora species. 3 significant vegetation communities 1 significant fauna species	none	27 vegetation communities	<ul style="list-style-type: none"> <li>Notable area for migrant songbirds: 3.1% of migrant songbird records for the City of Toronto are from Rosedale Valley</li> </ul>

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57	64	Rouge Marsh Area	high quality marsh, with abundant standing water, surrounded by deciduous forest on slopes along the broad Rouge River floodplain at the river mouth	64.4	Rouge	79 significant flora species 6 significant vegetation communities 6 significant fauna species	excellent example of a baymouth bar	157 L1 to L4 species 35 vegetation communities	<ul style="list-style-type: none"> <li>significant foraging area for colonial waterbirds</li> <li>one of the few breeding habitats for amphibians in the City of Toronto</li> <li>baymouth bar protects Rouge Marsh Area from exposure, promoting establishment of marsh habitat</li> </ul>
58	65	Rouge River Section	Unvegetated rock outcrop, with surrounding deciduous forest	0.5	Rouge	1 significant vegetation community	uppermost part of the Blue Mountain Formation or the lower portion (and possibly the contact) of the overlying Georgian Bay Formation	none	none
59	66	Rowntree Mill Swamp	shallow marsh, deciduous forest, swamp and cultural plantation communities on the slopes and bottomlands of a ravine; including a pond that has formed out of an old oxbow of the East Humber River	38.0	Humber	31 significant flora species 2 significant fauna species 5 significant vegetation communities	none	142 L1 to L4 species 45 vegetation communities	<ul style="list-style-type: none"> <li>important contributor to linkage along the Humber Valley, provides linkage between foraging and breeding habitat for frogs</li> <li>One of the most important breeding habitats for amphibians within the City of Toronto</li> <li>Marshes and swamps provide 10.7 ha of water storage area.</li> </ul>
60	67	Sassafras Site	remnants of black oak savannah dominated by open-grown black oak, with large patches of sassafras in the understory and openings dominated by little bluestem	1.5	Humber	9 significant flora species 2 significant vegetation communities	none	none	none
61	68	Scarborough Bluff Sequence	biologically and geologically significant area of bluffs, surrounded by deciduous forest and successional communities and beach	73.6	Waterfront	30 significant flora species 9 significant vegetation communities	The Scarborough Bluffs incorporate four distinct Quaternary sections that have been designated as Provincially Significant	79 L1 to L4 species 43 vegetation communities	<ul style="list-style-type: none"> <li>bank swallow colonies present within this site (over 100 nest holes noted)</li> <li>swamps and marshes provide 4.5 ha of water storage</li> </ul>
62	69	Sewell's Forest North	mosaic of forest and swamp	8.9	Rouge	12 significant flora species 4 significant fauna species	none	48 L1 to L4 species	<ul style="list-style-type: none"> <li>marsh and swamp provide 2.4 ha of water storage area</li> </ul>
63	70	Sewell's Forest West	sugar maple-beech forest with a large deciduous swamp on the west side, and two smaller wetland areas in the northwest and northeast corners	6.7	Rouge	16 significant flora species 1 significant vegetation community 1 significant fauna species	none	52 L1 to L4 species	none
64	71	Sherwood Park	deciduous and mixed forest on steep slopes, table lands and bottomlands along Burke Brook	8.4	Don Tributary	22 significant flora species 13 significant vegetation communities 2 significant fauna species	none	53 L1 to L4 species 26 vegetation communities	<ul style="list-style-type: none"> <li>seepage areas are dominated by habitat-sensitive wetland plant species</li> </ul>



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65	72	Silverthorn Area	steep slope on the east and south sides of Etobicoke Creek dominated by successional communities, which lead down to wooded floodplain areas and a broad, open gravel bar	8.4	Etobicoke Creek	2 significant flora species 2 significant vegetation communities 1 significant fauna species	none	none	none
66	73	Snake Island Area	open cottonwood woodlands, sand barrens and beach on Toronto Islands	7.0	Waterfront	36 significant flora species 5 significant vegetation communities 1 significant fauna species	good example of well-sorted and well-stratified medium sand representing shallow water sediments deposited in the quiet areas behind the formerly active spit	61 L1 to L4 species	<ul style="list-style-type: none"> <li>notable as a stopover area for migrant songbirds: 28% of migrant bird records are from the Toronto Islands</li> </ul>
67	74	South Kingsway (East Flank)	small, highly degraded pocket of black oak deciduous forest situated on a deep but small bowl-like depression	0.4	Humber	2 significant flora species	none	none	none
68	75	South Kingsway (West Flank)	long narrow strip of deciduous forest winding along a steep ridge	3.6	Humber	1 significant flora species 1 significant vegetation community	none	none	none
69	76	Stephenson's Swamp/Highland Creek - East	Steep valley slopes with deciduous and coniferous forest mark the eastern and western boundaries of the site, descending sharply to a broad floodplain with lowland forest, swamp, meadow marsh and riparian bars.	44.8	Highland	56 significant flora species 1 significant vegetation community 4 significant fauna species	none	170 L1 to L4 species	<ul style="list-style-type: none"> <li>marsh and swamp provide 6.4 ha of water storage area</li> <li>this area is a major node in the regional Highland Creek corridor, providing linkage between foraging and breeding habitat for frogs</li> </ul>
70	78	Taylor Creek	a mixture of cultural, forest, swamp and marsh units on the slopes and bottomlands of a ravine	38.5	Don Tributary	33 significant flora species 2 significant vegetation communities 1 significant fauna species		74 L1 to L4 species 33 vegetation communities	<ul style="list-style-type: none"> <li>wetlands provide 9 ha of water storage</li> </ul>
71	79	Thistletown Oxbow	oxbow of the Humber River supporting an aquatic marsh, surrounded by floodplain forest and late successional communities	9.6	Humber	6 significant flora species	oxbow unusual in the City of Toronto	none	none
72	80	Todmorden Mills	deciduous and successional forests on slopes and floodplain with seepage areas	7.4	Don	38 significant flora species 3 significant vegetation communities	none	129 L1 to L4 flora species	<ul style="list-style-type: none"> <li>substantial seepage supports additional diversity and contributes to amphibian breeding areas</li> </ul>

Number	Site Number	Name	Description	Area (Ha)	Valley System	CRITERION A: Rare Species/Rare Communities	CRITERION B: Significant Landform	CRITERION C: Significant Size, Levels of Diversity	CRITERION D: Significant Ecological Functions
73	81	Tommy Thompson Park	man-made promontory consisting of landfill extending into Lake Ontario with vegetation in varying stages of early to mid-succession: cottonwood trees interspersed with sandy openings; wetland depressions and sandy shorelines	191.3	Waterfront	32 significant flora species 12 significant vegetation communities 14 significant fauna species	none	46 L1 to L4 species 31 vegetation communities	<ul style="list-style-type: none"> <li>notable as a stopover area for migrant songbirds: 21% of migrant songbird records are from Tommy Thompson Park/Leslie Street Spit</li> <li>significant amphibian breeding habitat for American toad and northern leopard frog</li> <li>significant linkage between foraging and breeding habitat for frogs</li> <li>significant habitat for colonial bird species (herons, terns, gulls)</li> <li>probable function of rubble as snake hibernacula</li> </ul>
74	82	Toronto Hunt Club Forest	high quality deciduous forest on a ravine adjacent to the Scarborough Bluffs; bottomlands with wetland species on seepage areas	9.1	Waterfront	3 significant flora species 7 significant vegetation communities	excellent example of recent bluff formation by the modern Lake Ontario (Holocene)	40 L1 to L4 species	<ul style="list-style-type: none"> <li>substantial seepage areas support additional vegetation community diversity</li> </ul>
75	83	Townline Swamp	large pond with surrounding cattail marsh, meadow marsh, green ash swamp, and willow thicket swamp	7.1	Rouge	12 significant flora species 7 significant fauna species 1 significant vegetation community	none	46 L1 to L4 species	<ul style="list-style-type: none"> <li>breeding area for 5 frog species; including 1 sensitive woodland species and 3 sensitive aquatic species</li> <li>significant linkage between foraging and breeding habitat for frogs</li> <li>marsh and swamp provide 7.0 ha of water storage</li> </ul>
76	84	Vale of Avoca	steep-sided ravine slopes and base largely covered with deciduous forest	16.8	Don	4 significant flora species 1 significant fauna species	none	none	none
77	85	Warden Woods	steep valley with a variety of habitats ranging from well-developed old field systems to red oak forested slopes. Seepage slopes dominated by wetland plant species	33.7	Don	16 significant flora species 3 significant vegetation communities	none	94 L1 to L4 species 32 vegetation communities	<ul style="list-style-type: none"> <li>substantial seepage areas support additional wetland diversity</li> <li>marsh and swamp provide 2.3 ha of water storage area</li> </ul>
78	86	Wards Island	a variety of habitats including dune ridge communities, meadows, beach and woodland	11.5	Waterfront	47 significant flora species 10 significant vegetation communities 1 significant fauna species	best example of longshore drift and beach formation that created the large spit feature composing the original Toronto Islands (possibly modified)	87 L1 to L4 species	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 28% of migrant bird records are from the Toronto Islands</li> <li>breeding habitat for northern leopard frogs</li> </ul>
79	87	West Algonquin Island	mixture of native and non-native successional communities on sand, as well as cottonwood forest and red-osier dogwood thicket swamp	3.7	Waterfront	11 significant flora species 4 significant vegetation communities	West Algonquin Island provides some representation of the quiet water deposits consisting of well sorted medium sand and gravelly sand but lacking obvious stratification	none	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 28% of migrant bird records are from the Toronto Islands</li> </ul>

Number	Site Number	Name	Description	Area (Ha)	Valley System	CRITERION A: Rare Species/Rare Communities	CRITERION B: Significant Landform	CRITERION C: Significant Size, Levels of Diversity	CRITERION D: Significant Ecological Functions
80	88	Wigmore Park Ravine	deciduous and mixed slope forests surrounding the Don River Valley and several small tributaries	46.0	Don	19 significant flora species 6 significant vegetation communities 1 significant fauna species	river section provides excellent examples of meandering in the Don River watershed	76 L1 to L4 species 61 vegetation communities	none
81	89	Wilket Creek Forest	mixture of deciduous forest, cultural, swamp and marsh communities on the steep slopes and bottomlands of a ravine	50.2	Don	29 significant flora species 5 significant vegetation communities	high-quality representation of fluvial erosion and deposition in a relatively steep gradient stream within Toronto	TRCA Size Score of 4 75 L1 to L4 species 38 vegetation communities	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 2.1% of migrant songbird records from the City of Toronto are from Wilket Creek Park</li> <li>wetlands present based on groundwater discharge</li> <li>marsh and swamp provide 3.6 ha of water storage area</li> </ul>
82	90	Williams Area	floodplain swamp on the east branch of the Don River dominated by Manitoba maple and red-osier dogwood	2.1	Don	6 significant flora species 1 significant vegetation community	none	none	<ul style="list-style-type: none"> <li>substantial seepage supports wetland communities</li> <li>marsh and swamp provide 2.4 ha of water storage</li> </ul>
83	91	Williamson Park	deciduous upland and lowland forest on the steep slopes and bottomlands of a ravine	3.0	Waterfront	2 significant flora species 1 significant fauna species	none	none	<ul style="list-style-type: none"> <li>substantial seepage supports wetland communities</li> </ul>
84	92	Woodlands on Little Rouge Creek	deciduous and mixed forests along the valley walls and floodplain of Little Rouge Creek, as well as a connecting hydro corridor	34.3	Rouge	19 significant flora species 1 significant vegetation community 3 fauna species	excellent example of relatively non-impacted upper watershed creek within the context of the City of Toronto	70 L1 to L4 species 21 vegetation communities	<ul style="list-style-type: none"> <li>the site provides breeding habitat for sensitive woodland breeding frog species</li> <li>provides linkage between foraging and breeding habitat for frogs</li> </ul>
85	94	Colonel Sam Smith Park	lakefill area mainly naturalized with successional communities including grasses, shrubs and small trees, as well as wet depressions and ponds supporting meadow marsh and shallow marsh. The shoreline is a combination of rocky headlands, cobble beaches and protected wetland	48.2	Waterfront	2 significant flora species 1 significant fauna species	none	none	<ul style="list-style-type: none"> <li>notable stopover area for migrant songbirds: 4.5% of migrant bird records are from Colonel Sam Smith Park</li> <li>notable stopover area for migrating whimbrel, a large shorebird</li> <li>rubble provides hibernacula for snakes</li> </ul>
86	95	E.T. Seton Park	mixture of forested, cultural, swamp and marsh communities on the steep slopes and bottomlands of a ravine surrounded by parkland and urban residential development with the West Don River flowing south through the western portion of this site	27.5	Don	3 significant flora species 2 significant vegetation communities 2 significant fauna species	none	TRCA Size Score of 4 28 vegetation communities 49 L1 to L4 flora species	<ul style="list-style-type: none"> <li>Groundwater seepage supports wetland communities</li> <li>marsh, swamp, and pond provide 6.1 ha of water storage area</li> </ul>