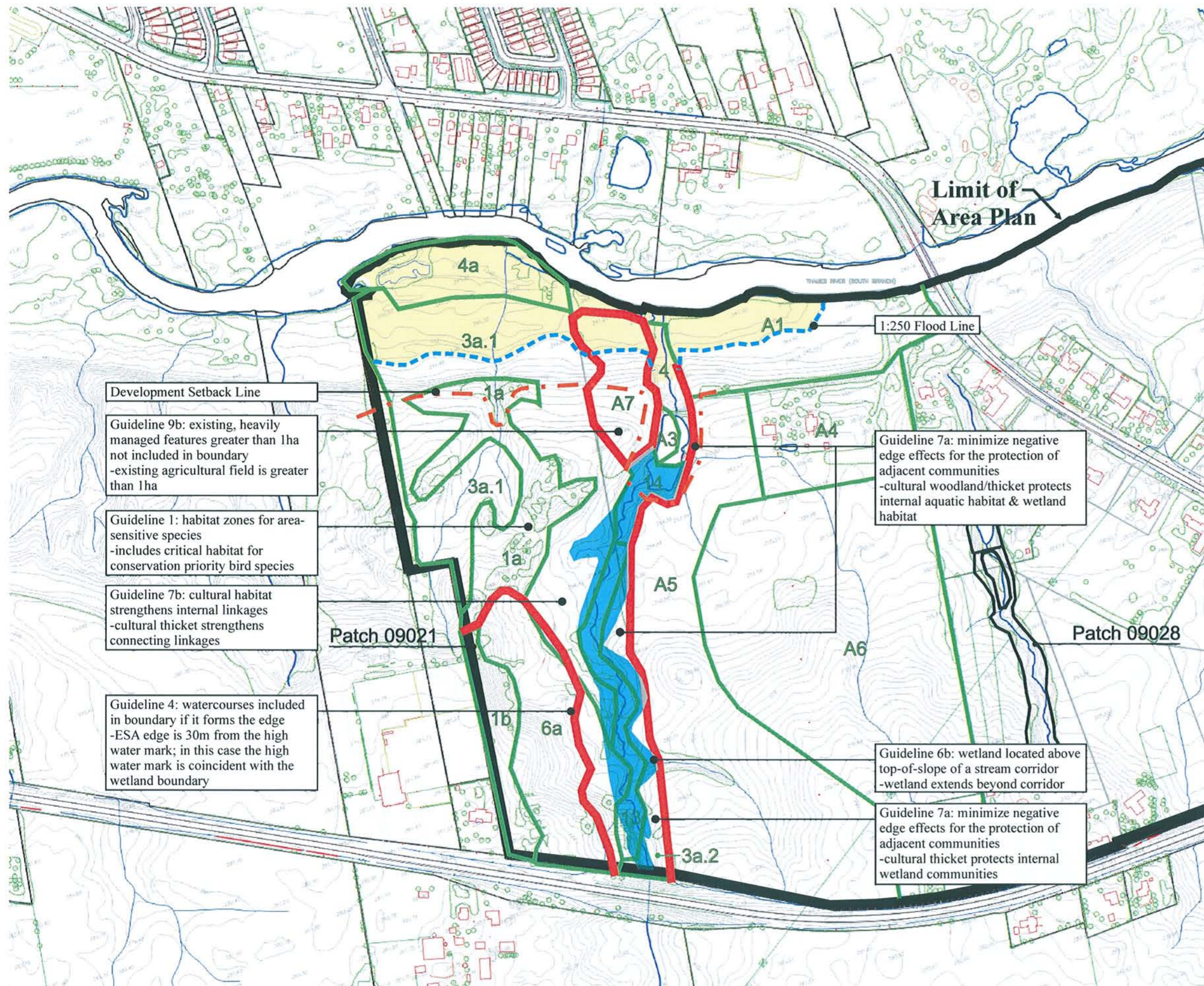


Figure A3: Application of ESA Criteria and Boundary Delineation Guidelines:  
Patch 09021 - Sifton Lands - Tributary 4



**Legend**

- ESA Boundary as shown on City of London Official Plan - Office Consolidation Jan. 1, 2005
- Wetland Boundary as defined by EarthTech Spring 2007

**Anthropogenic**

- A1 Agricultural Land
- A2 Anthropogenic Pond
- A3 Anthropogenic Pond
- A4 Ornamental Landscape
- A5 Agricultural Land
- A6 Agricultural Land
- A7 Agricultural Land

**Cultural**

- 1a CUM1 Mineral Cultural Meadow
- 1b CUM1 Mineral Cultural Meadow
- 2 CUP3-3 Scotch Pine Coniferous Plantation
- 3a.1 CUT1 Mineral Cultural Thicket
- 3a.2 CUT1 Mineral Cultural Thicket
- 3b CUT1 Mineral Cultural Thicket (Hydro ROW)
- 4 CUW1 Mineral Cultural Woodland
- 4a CUW1 Mineral Cultural Woodland
- 4b CUW1 Mineral Cultural Woodland
- 6a CUW1 Mineral Cultural Woodland

**Natural Successional**

- 5 FOD3-1 Dry - Fresh Poplar Deciduous Forest
- 6b FOD4 Dry - Fresh Deciduous Forest
- 7 FOD4-2 Dry - Fresh White Ash Deciduous Forest
- 8 FOD5 Dry - Fresh Sugar Maple Deciduous Forest
- 9 FOD5-7 Dry - Fresh Sugar Maple - Black Cherry Deciduous Forest
- 10 FOD7-2 Fresh - Moist Ash Lowland Deciduous Forest
- 11 FOD7-3 Fresh - Moist Willow Lowland Deciduous Forest
- 12 FOD7-4 Fresh - Moist Black Walnut Lowland Deciduous Forest

**Wetland**

- 13 MAS2-9 Forb Mineral Shallow Marsh
- 14 SWD4 Mineral Deciduous Swamp
- 15 SWT2 Mineral Thicket Swamp
- 15bSWT2 Mineral Thicket Swamp

Development Setback Line

Guideline 9b: existing, heavily managed features greater than 1ha not included in boundary  
-existing agricultural field is greater than 1ha

Guideline 1: habitat zones for area-sensitive species  
-includes critical habitat for conservation priority bird species

Guideline 7b: cultural habitat strengthens internal linkages  
-cultural thicket strengthens connecting linkages

Guideline 4: watercourses included in boundary if it forms the edge  
-ESA edge is 30m from the high water mark; in this case the high water mark is coincident with the wetland boundary

Guideline 7a: minimize negative edge effects for the protection of adjacent communities  
-cultural woodland/thicket protects internal aquatic habitat & wetland habitat

Guideline 6b: wetland located above top-of-slope of a stream corridor  
-wetland extends beyond corridor

Guideline 7a: minimize negative edge effects for the protection of adjacent communities  
-cultural thicket protects internal wetland communities

Scale 1:5,000  
April 2007

