

Table D 2.5.1 Scoped and Full Site E.I.S. Requirements in the Hespeler West Subwatersheds

Subwatershed Area	New Urban Uses in East, Middle & West Creek Subwatersheds *			New Rural Uses in East & Middle Creek Subwatersheds ****	
	Within 120 m of an Identified Groundwater Discharge Zone	Within 30 m of High Constraint Features, or Within Medium Constraint Features	Stormwater Management Facilities ***	Within 30 m of Natural Features, or Within Medium Constraint Features	
Type and Location of of Development	General *	General *	Full Service Trails **	Scoped ***	Scoped ****
Documentation Required / EIS Level of Detail	Scoped	Full Site	Scoped	Scoped ***	Scoped ****
Terrestrial Resources					
	Document natural features within 30 m buffer area to be affected	X	X		X
	Updated seasonal surveys of vegetation	(X)	(X)		(X)
	Updated seasonal wildlife surveys (mammals / amphibians / reptiles)	(X)	(X)		(X)
	Identify critical habitat areas & features to be avoided	X	X		X
	Document existing disturbance levels in buffers, habitat areas and corridors	X	X		X
Biological Inventory	Document critical dependencies of nearby significant species / habitats (i.e., minimum habitat requirements, habitat age & structure, hydrology, connectivity to other habitats)	X	X		X
	Indicate location of existing tree cover	X	X		X
Aquatic Resources					
	Verify location of known fish habitats and species	(X)	(X)		(X)
	Document dependencies of identified fish habitat / species	(X)	(X)		(X)
Terrestrial and Aquatic Resources					
Biological Impact	Describe direct effects on significant species, habitats and functions(short- & long-term)	X	X	(X)	X
	Describe indirect effects on significant species, habitats and functions (short- & long-term)	X	X	X	X
Assessment	Document mitigation or enhancement required to maintain & improve terrestrial & aquatic species and habitats	X	X	X	X
	Summarize cumulative effects	X	X	X	X
	Confirm hydrostratigraphy and local groundwater depth	X	X	(X)	
	Confirm groundwater recharge / discharge conditions and rates	X	X	(X)	
Groundwater	Confirm site-specific connection between groundwater and wetlands	X	X	(X)	
	Confirm site-specific connection between groundwater and affected Creek	X	X	(X)	
	Document existing site-specific groundwater quality	X	X	(X)	
	Evaluate risk of impacts to site-specific and downstream groundwater quantity & quality based on development proposal	X	X	X	X
	Identify mitigation measures	X	X	X	X
	Complete Storm Water Management Plan in accordance with guidelines in Subwatershed Study	X	X	X	
	Identify areas prone to sediment damage or quality impacts	X	X	X	X
Surface Water	Identify potential impacts to buffer performance & downstream wetlands based on proposed runoff quantity changes (including event related seasonal hydroperiod changes)	X	X	X	X
	Identify potential impacts to buffer performance & downstream wetlands based on proposed runoff quality changes	X	X	X	
	Identify mitigation measures	X	X	X	X
Monitoring	Base on recommended monitoring in Subwatershed Study/Comprehensive E.I.S.	X	X	X	X

General * - includes residential, commercial, industrial, or parkland development; stormwater management facilities will require 'General' Full Site EIS if they occur within 30 m of High Constraint Features, or within Medium Constraint Features, in addition to Scoped requirements listed under Stormwater Management Facilities ***).

Trails ** - assumes full service, asphalt surface all-season trails; soft-surfaced seasonal trails do not require EIS.

Stormwater Management Facilities *** - facilities located outside the 30 m minimum buffer or Medium Constraint Features will require Scoped EIS; those proposed within 30 m of High Constraint Features, or within Medium Constraint Features, will require Full Site EIS(under General *). Where stormwater facilities are proposed within 120 m of identified groundwater discharge features, the Scoped EIS for development in those areas should include consideration of potential impacts of such facilities on the discharge regime.

New Rural Uses **** - assumes low intensity rural development; more extensive development proposals may require Full Site EIS.

(X) - Discretionary; may be requested by City, Region or GRCA if existing information is considered out of date (> 5 years old) or otherwise inadequate given proposed development.