Table 3b. Portage Creek Pollutants

Impaired Use (H=high concern; L=low concern)	**Pollutants (K = known; S = suspected)**	**Pollutant Sources**	**Causes**
Other indigenous aquatic life/ wildlife (lower) (H)	Thermal loading (K)	Storm water over impervious surfaces	Heat gain from sunlight, impervious materials, air temperature
	Sedimentation (K)	Storm water run-off, erosion	Streambank erosion, runoff from roads and bare earth
	Trash (K)	Businesses, residents, transients	Littering and/or deliberate dumping
	Nutrients (K), chemicals (S) & all above except bacteria and vegetation	Storm water, fertilizers, pesticides/herbicides, VOCs (broad spectrum)	Improper use and disposal, soil/sediment erosion, aerial deposition
Partial Body Contact, recreation (mid & lower) (L)	Bacteria (K)	Typically fecal materials	Illicit discharges, waterfowl, pets
Committee Concerns	**Pollutants**	**Pollutant Sources**	**Causes**
Native vegetation/ naturalization & Unique habitat/natural buffers (H)	Purple loosestrife, buckthorn and others (K)	Existing established non-native plants & animals	Invasives from people, wildlife, wind: nutrients and sediments cause favorable conditions
	Sediments, nutrients, chemicals, etc. (above) (K)	Same as described above	Same as described above
Flood control and flow capability (H) (Quantity of flow and capacity of system to handle volume)	Obstructions such as rocks, sediment, trees, brush & trash that restrict flow (K)	Streambank erosion, storm water sediment loading, fallen branches/trees, littering/dumping	Lack of riparian vegetation and buffers, man-made restrictions (e.g., small culverts)
Flood prevention/ control of storm water (H)	Excessive, flashy hydraulic flows (K)	Insufficient capacity both upstream and downstream to accommodate peak flows; limited infiltration in the watershed.	Narrowed channels, loss of floodplain wetlands, increased impervious surfaces, etc.