

Watershed Prioritization Criteria Review--Flow Control Program

(2-24-15)

Information Category	Data Type	Prioritization Status			Comments/Notes
		Essential	Helpful	Unnec	
1 Existing/current land cover data	% forest, pasture, landscaping, TIA	X			land use/land cover data available in shared dataset
2 Existing/current land use data	% commercial, industrial, roads, SFR, MFR, parks, undeveloped		X		nice to have for Flow Control; essential for Runoff Treatment; another possible measure is Sq miles of road density vs. watershed
3 Zoned land use/land cover	zoning designations - commercial, industrial, SFR, MFR, parks	X			proposed by group
4 Physical parameters	Watershed area data: inside city limits/outside city limits - stream area inside and outside city	X			
5 Physical parameters	stream length--within limits vs. outside - total stream miles		X		
6 Physical parameters	Class II (Type F) stream length (within limits vs. outside) - total stream miles		X		
7 Fish Use	Significant salmonid use		X		what defines fish use?
8 Fish Use	Current Chinook salmon use	X			
9 Fish Use	Current Coho salmon use	X			
10 Fish Use	Other salmonid use	X			as relevant to jurisdiction--varies based on what fish are present--bull trout, steelhead?
11 Fish Use	Potential fish use		X		Physical barriers inventory
12 Habitat	Naturally occurring LWD		X		
13 Habitat	Tree canopy %		X		
14 Habitat	% of intact 300-foot vegetated buffer		X		
15 Habitat	% of intact 100-foot vegetated buffer		X		
16 Water Quality	BIBI where appropriate to measure aquatic health	X			BIBI appropriate only for certain freshwater habitats--other measures appropriate elsewhere; show good correlation with impervious surfaces/flow metrics
17 Water Quality	Shellfish bed health - shellfish bed closure(s)	X			Proposed by group for areas that discharge to marine areas
18 Water Quality	Know WQ impairments - State WQ Assessment (cat 4a, 4b, 4c, or 5)		X		WQ data, where known, will probably be required by Ecology. Should be used later in the process, not as a first screen.

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19 Water Quality	High temperature data		X		WQ data, where known, will probably be required by Ecology. Should be used later in the process, not as a first screen.
20 Water Quality	Low dissolved oxygen		X		WQ data, where known, will probably be required by Ecology. Should be used later in the process, not as a first screen.
21 Water Quality	High fecal coliform		X		WQ data, where known, will probably be required by Ecology. Should be used later in the process, not as a first screen.
22 Stormwater Influence	High vehicle traffic areas - AADT>7,500			X	essential for Runoff Treatment, not Flow Control
23 Stormwater Influence	Outdated flow control infrastructure needing retrofit - % of watershed developed before [DATE]	X			age of infrastructure gives clue to its sufficiency, potential for ecological lift. A good indicator, but not all cities have this information.
24 Stormwater Influence	% of watershed needing basic WQ treatment			X	not essential for flow control
25 Stormwater Influence	# outfalls and ditches			X	more useful for siting specific facilities within watershed
26 Stormwater Influence	# culvert crossings/1,000 lf			X	more useful for siting specific facilities within watershed
27 Stormwater Influence	#mapped ditch outfalls			X	more useful for siting specific facilities within watershed