

Table 3c. Portage Creek Subwatershed Goals

Designated Uses Currently Being Met	Protection Goals
Agriculture (upper segments)	Seek economical and environmentally sound methods to support agriculture as a desired land use in the upper subwatershed.
Navigation (some segments)	Provide public access for navigation in reaches suitable for navigation.
Warmwater fishery (middle segments)	Improve habitat, flashiness and implement BMPs to reduce all types of loading for expansion of warmwater fishery.
Coldwater fishery (upper segments)	Protect upper reaches and expand downstream as possible; provide shading; reduce thermal, nutrient and sediment loads with BMPs; less flashiness; improved habitat; more oxygenation.
Other indigenous aquatic life/wildlife (some segments)	Continue to support existing buffer strips and streambank restorations that enhance native aquatic life and wildlife in segments where this use is met; maintain and develop corridors.
Partial body contact, recreation (upper segments)	Reduce obstructions; increase public access and promote recreational uses within.
Threatened Uses	Improvement Goals
Warmwater fishery (middle & lower segments)	Reduce chemical, thermal and sediment loads; improve habitat.
Coldwater fishery (upper segments)	Reduce impacts of thermal enrichment; implement BMPs to reduce loading impacts associated with soils and sediments; improve habitat.
Other indigenous aquatic life/wildlife (some segments)	Reduce invasive and non-native species through recommended vegetation for planting in commercial and residential riparian areas, education materials, and targeted, selective program for restoration efforts; implement BMPs for buffers and load reductions.
Impaired Uses	Improvement Goals
Navigation (lower segments)	Plan and accommodate as need is developed; eliminate obstructions.
Other indigenous aquatic life/wildlife (remaining segments)	same as above
Partial body contact, recreation (portions of middle & lower segments)	Restore limited recreational use by reducing bacteria, obstructions, nutrient and other loading as well as providing increased public access opportunities.

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Desired Uses Threatened/Impaired*	Improvement Goals
Native vegetation/naturalization	Encourage natural vegetation and diversity through recommending vegetation for planting in commercial and residential riparian areas; develop educational materials and target selective programs for restoration efforts.
Unique habitat and natural buffers	Identify critical habitat areas and ways to protect them; encourage use of native species creative bank erosion, stabilization controls and treatments.
Aesthetic and community amenity	Ensure that all redevelopment and new development incorporate this desired use concept through zoning and/or ordinances; bring citizens closer to the creek to appreciate it as a resource.
Flood control (capacity)	Remove peak flows; enhance flood control by lowering upstream and increasing downstream flow capacities; increase flood storage capacities.
Flow capability (transport)	Reduce impact of natural materials that cause flow restrictions through erosion control, bank stabilization and maintenance measures; alter man-made restrictions (pipes, culverts, etc.).
Flood prevention/control of storm water	Apply enforceable practices; make appropriate changes to non-structural and structural storm water management controls.
Permitted discharge compliance	Encourage enhancements, improvements and long-term alternatives.
Public water supply, groundwater	Continue wellhead protection approaches, including restricted development; protect supply through zoning, design standards, wellhead protection, surface water recharge, educational materials and sustainable use.
Public access and education	Identify, plan and develop specific programs and locations for improved public access and protect with permanent easements; include signage and auto-tutorial educational elements.

** All involve a “greater awareness and appreciation of resources” through education*