

Table 4c. West Fork 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.
Warmwater fishery (middle & lower 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 (many 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	Increase public access and promote recreational uses.
Total body contact, recreation (upper & middle segments)	Ensure continued capacity at existing sites; avoid further degradation of total body contact sites (Parkview Hills, Oakwood neighborhood, Whites Lake, Rota-Kiwan Reservation).
Threatened Uses	Improvement Goals
Agriculture (upper segments)	Seek opportunities that allow for continued agricultural use (e.g., farmlands preservation).
Warmwater fishery (middle and lower segments)	Employ BMPs and management techniques that are protective of warmwater fish and can allow for possible expansion of their niche.
Coldwater fishery (upper segments)	Expand vegetative cover for cooling; buffer strips for filtering and cooling effects.
Other indigenous aquatic life/wildlife (many segments)	Reduce sediment, nutrient and other excessive loading as well as peak (flashy) flows and improve (see below) habitat; maintain wildlife corridors; 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; reduce the impact of waterfowl.

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Total & partial body contact, recreation (lower segments)	Replace failed/failing septic systems in high water and near-shore areas with alternative on-site systems or centralized sanitary extension to reduce bacterial contamination in surface waters.
Impaired Uses	Improvement Goals
Navigation (lower segments)	Plan and accommodate as need is developed; eliminate obstructions.
Other indigenous aquatic life/wildlife (few segments)	same as above.
Desired Uses Threatened/Impaired*	Improvement Goals
Native vegetation/naturalization	Eliminate invasives and encourage replanting of indigenous species; “soften” streambanks where possible.
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 use through zoning and/or ordinances.
Flow control (capability)	Maintain storage capacity to reduce downstream flashiness; remove peak flows; enhance flood control by lowering upstream and increasing downstream flow capacities; increase flood storage capacities.
Flooding capacity (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 stormwater	Apply enforceable practices; make appropriate changes to non-structural and structural storm water management controls; conduct periodic stream maintenance.
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	Education sites include Rota-Kiwan, Al Sabo Preserve, Lakeside Academy, Asylum Lake, Parkview Hills, KVCC Texas Twp. Campus; use partners to assist in stewardship efforts; identify, plan and develop specific locations for improved public access and protect with permanent easements; include auto-tutorial educational elements.

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