



Potential Project Bundles for Kettle Lakes Watershed Improvement

The Kettle Lakes Watershed Implementation Plans (WIPs) listed multiple sites for best management practice implementation for each lake. Syracuse Environmental Finance Center (SU-EFC) has developed seven “bundles” based on these recommendations, which consist of groupings of projects that may be attractive to certain funders identified by EFC (see funding matrix). Several factors may be useful for defining project scope, which was an important part of this process: (1) the municipality in which the site occurs; (2) the type of property (public or private); and (3) the type of best management practice (BMP), if relevant to a specific funder.

Additionally, bundles were developed with locally relevant applicants in mind. In order to show the range of options available, bundles at times overlap. We hope this document can be used to jumpstart discussions about funding at the right scale and scope, and expect that adjustments will be necessary once new information surfaces.

The bundles below take into account the priority level assigned by Princeton Hydro. BMPs were given a priority of ‘high’, ‘medium’, or ‘low’ based on overall cost, ease of installation, permitting requirements, the need for cooperation from various government entities, and pollutant removal. Princeton Hydro states that the projects with minimal permitting and cost were rated as ‘high’, and especially emphasized sites which occurred on public property.

1. Tully Bundle

Onondaga County

Town may apply for funding for green infrastructure improvements including bioswales at Tully High School, riparian buffers at two sites (Cummings park and agricultural land alongside Rt. 11), and roadside ditch improvements (step pool conveyance) at Truxton Road near Grove Street Apartments. This can be funded through the DEC WQIP program as well as the Green Innovation Grant Program (Environmental Facilities Corporation).

Lake	Priority	Landowner (or adjacent)	#	Lat/Long	Description of Site	P	BMP
Tully	High	James Potter LLC	2	42.77910°N, 76.11510°W	Agricultural Field – West Branch of Tioughnioga River	1.2	Riparian Buffer
Tully	High	Tully Village INC	4	42.7958N 76.10371°W	Cummings Park	1.2	Riparian Buffer
Tully	Medium	Grove st. Apartments CO Cobblestone Square	7	42.79476 W 76.10303	Truxton Road near Grove St apartments	12.3	Step Pool Conveyance
Tully	Medium	Tully Central School District Various Parcels	6	76.11403 W42.79	Tully High School	1.4 variable	Bioswale(s)

2. Cortland County Bundle

Towns of Preble and Homer

Projects focus on roadside ditches and riparian buffers along the West Branch Tioughnioga River corridor. A county-level entity may be an appropriate applicant for WQIP funding or Green Innovation Grant Program funding (Environmental Facilities Corporation). Additionally, the town of Preble may apply for funding for 3/4 sites in this bundle. Since many sites occur along river corridor, it may be worth looking into compatibility with the Tioughnioga River Local Waterfront Revitalization Program.

Lake	Priority	Landowner (or adjacent)	#	Site	Description of Site	Total P	BMP
Little York	High	Currie, Laura	1	42.75204° -76.12100°	Roadside stormwater ditch	2.6	Step pool conveyance
Tully	Med	State of New York	3	42.77251, -76.13393	Tully Boat Launch with gravel parking lot (NOT in Tully)	.04	Bioswale
Little York	High	Knapp, Paul A (various parcels)	3	42.726611° -76.131325°	West Branch T River	19	Riparian buffer
Little York	High	Adjacent parcels include Dougan, James R, Bolt, Gary, and Knapp, John J	2	42.73680° 76.12472°	Stream through Agricultural and Residential Area	1.2	Riparian Buffer/ Floodplain bench
Little York (Homer)	NA	Adjacent parcels include Taft, Stephen M, and Froh Trust	N A	42.69832, -76.16334	Rt. 281 roadside stormwater ditch	2.6	Step pool conveyance or similar (in Homer)

3. Song Mountain Improvement Bundle

Onondaga County

Song Mountain Resort may be open to working with municipal partners on improvements. These projects can be added to the Tully bundle if necessary, and WQIP and Green Innovation Program Grant funding may be appropriate.

Lake	Priority	Landowner (or adjacent)	Site #	Lat/Long	Description	Total P	BMP
Crooked	High	South Slope Development Corp	2	42.77499°N, 76.15915°W	Song Mountain inlet	0.32	Bioswale
Crooked	High	South Slope Development Corp	1	42.77425°N, 76.15573°W	Song Mountain gravel pile	NA	Silt fence
Crooked	High	South Slope Development Corp	1	42.77425°N, 76.15573°W	Song Mountain gravel pile	NA	Storage container
Crooked	High	South Slope Development Corp	2	42.77499°N, 76.15915°W	Song Mountain inlet	0.32	Streambank stabilization

4. Kettle Lakes Shoreline Demonstration Bundle

Cortland and Onondaga Counties

NFWF Chesapeake Bay Small Watershed Funds may be available for C-OFOKLA or others to develop on-lake demonstration projects, including naturalizing shorelines, rain barrels, and bioswales. This project bundle needs community engagement to be successful. The NFWF Small Watershed Grants program includes community engagement as a program priority. Additionally, Green Innovation Grant Program Funds and WQIP funding may be appropriate.

Lake	Priority	Landowner (or adjacent)	Site #	Site	Description of Site	Total P	BMP
Crooked	High	Adjacent parcels include Cappa Trust, Aldrich Seth H, Joke Trust, Cantwell Thomas	3	42.786851°N, 76.153338°W	Crooked Lake Shoreline	0.3	Shoreline buffer
Song	High	Grillo, Carl A.	1	42.77417°N, 76.15160°W	Residential shorelines	0.3	Shoreline buffer
Tully	High	Shirley Family LLC, Haley, Timothy N	5	42.76416°N, 76.13760°W	South Shore Tully Lake	0.3	Lakeshore buffer and pollinator garden
Little York Lake	Med	Unable to Determine	5	42.71426°N, 76.14907°W	Northwest shoreline and most lots	.3	Lakeshore buffer and pollinator garden
Tully	High	Adjacent lots include Podsiedlic, Bernard; Ortlieb, Augustus;	1	42.78773°N, 76.13285°W	Sunfish Bay Circle (and other homes)	NA	Rain Barrel

		Lattimer, Elizabeth				
Tully	High	Podsiedlic, Bernard; Ortlieb, Augustus; Lattimer, Elizabeth	1	42.78773°N, 76.13285°W	Sunfish Bay Circle (private driveway)	Bioswale
Tully	High	State of New York	3	42.77251, -76.13393	Tully Boat Launch	Bioswale

5. Dwyer Memorial Park Demonstration Bundle

Cortland County

Cortland County or related organization may be able to apply for funding from NYS OPRHP for Dwyer Park upgrades, which emphasize bioswales and pollinator habitat.

Lake	Priority	Landowner (or adjacent)	Site Number	Site	Description of Site	Total P	BMP
Little York	High	Cortland County	7	N42.71283° W76.15000°	Dwyer memorial park	.02	bioswale and stabilizing gullies
Little York	Medium	Cortland County	8	N42.71283° W76.15000°	Dwyer Mem Boat Launch	.02	bioswale and stabilizing gullies
Little York	Low	Cortland County	9	N42.70943 W76.15060	Large turf grass area	.04	Bioswale
Little York	Medium	Cortland County	10	42.70943 W76.15060	Parking Area	.06	Bioswale

6. Riparian Buffer BMPs

This bundle includes multi-county, multi-jurisdictional funding for riparian buffer BMPS, suitable for funders that only support buffer installation. This group of projects may be appropriate for the Comprehensive Riparian Buffer Program through the Upper Susquehanna Coalition.

Lake	Priority	Adjacent Landowner	Site	Lat/Long	Description of Site	Total P	BMP
Tully	High	Potter James A	2	42.77910°N, 76.11510°W	Onondaga Ct. Agricultural Field – WB T River	1.2	Riparian Buffer
Tully	High	Tully Village Inc	4	42.7958N76.10371°W	Cummings Park	1.2	Riparian Buffer
Little York	High	Knapp John, Knapp Paul	3	42.726611°, W 76.131325°	West Branch T River	19	Riparian buffer
Little York	High	Roadside. Adjacent property is Dougan, James R	2	42.73680° 76.12472°	Stream through Agricultural and Residential Area	1.2	Riparian Buffer/Floodplain bench
Crooked	Medium	Song Mountain Dev Corp	2a	42.77499°N76.15915°W	County Hwy 105, Long Road. Song Mountain inlet stream near equipment area	.3	Riparian Buffer
Crooked	High	Adjacent properties include: Shirley Families LLC, Brown, Leo J, Gaddis Renate M	4	42.79279°N, 76.15470°W	Northwest Stream at Long Road	.3	Riparian Buffer
Crooked	NA	Song Mountain Dev. Corp	4b	42.77596N, 76.15459W	Song Lake Road	.3	Riparian Buffer (CO county)
Crooked	NA	Haviland Richard; Song Lake Dev. Corp	4c	N42.77692, W76.15348	Lake Road	.3	Riparian Buffer- ON county border.
Song	High	Turner, Benjamin;	2	N42.76149° W76.14262°	Residential and ag land		Riparian/Reforested Area

7. Ditch Management Projects

This project bundle includes roadside ditch BMPs (step pool conveyance) that are off-lake and multi-jurisdictional. If broad funding for riparian buffers is pursued, ditch maintenance along major routes listed may be an appropriate supplemental project. These projects may need to be 'unbundled'.

Lake	Priority	Landowner (or adjacent)	#	Site	Description of Site	Total I P	BMP
Little York	High	Curie Valley Farms; Currie, Laura	1	42.75204° 76.12100°	Roadside stormwater ditch	2.6	Step pool conveyance
Tully	Med	Grove st. Apartments CO Cobblestone Square	7	42.79476 W 76.10303	Truxton Road near Grove St Apartments	12.3	Step Pool Conveyance
Little York (Homer)	NA	Froh Trust; Underwood Willian	NA	42.69832, -76.16334	Rt. 281 roadside stormwater ditch	2.6	Step pool conveyance or similar (in homer)