

Deep River-Portage Burns Waterway Initiative Cost-Share Program

Submitted:

Northwestern Indiana Regional Planning Commission- May 2016

Project's executive document summary number:

A305-3-125

Watershed targeted by cost-share program:

Deep River-Portage Burns Waterway, HUC 0404000105

Critical Areas & Priority (High Quality) Areas for Implementation:

The critical areas and priority areas are detail in [Section X](#) of the Deep River-Portage Burns Waterway Watershed Restoration Plan which begins on [page X](#).

The following catchment areas are included as critical areas in this watershed:

Tier 1 (highest priority): 3, 21, 24, 25, 26, 27, and 36

Tier 2 (second highest priority): 1, 7 11, 20, 22, 31, 33, 34, and 35

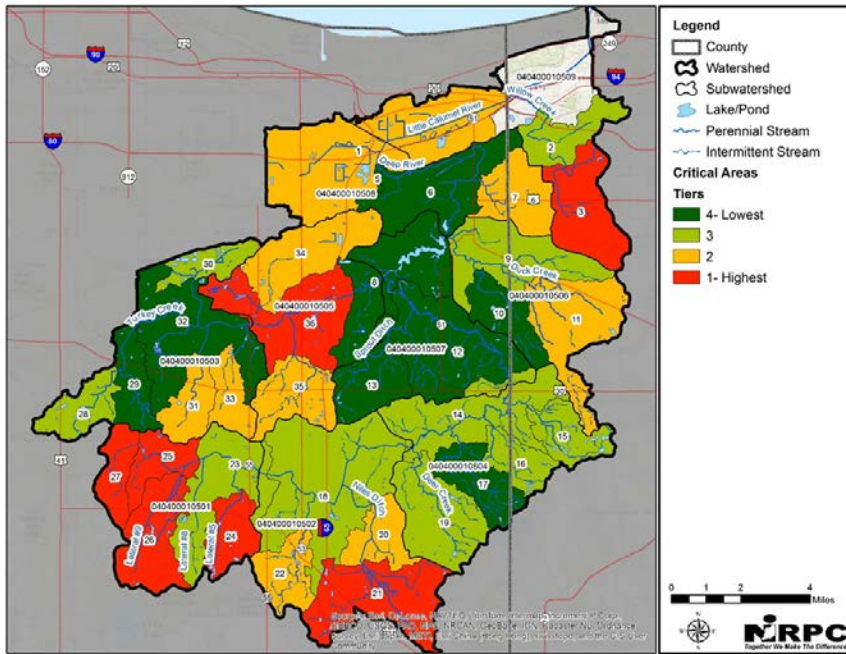


Figure 1 Critical areas

The following areas are included as priority areas in this watershed:

- The Hobart Marsh Area
- The Deep River Outstanding River Corridor

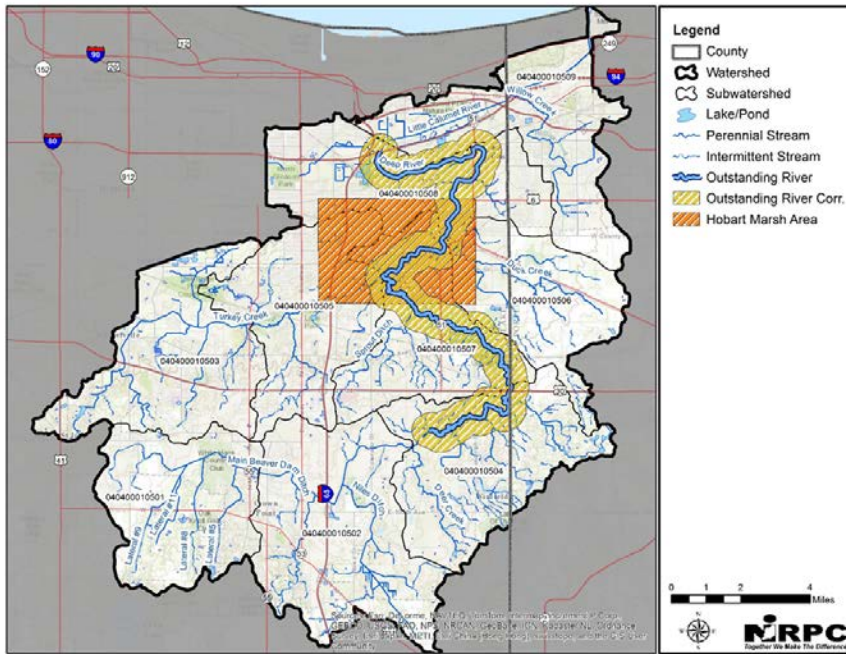


Figure 2 Priority areas

Best Management Practices Eligible & Pollutants Addressed under this Cost-Share Program:

Best management practices (BMPs) are detailed in Section X starting on page X of the Deep River-Portage Burns Waterway Watershed Restoration Plan. Eligible practices under this cost-share program and target pollutants for each practice are detailed in the table below.

Table 1 Urban best management practices

Best Management Practice	N	A	P	S	DO	E	H
Bioretention & bioinfiltration facilities							
Filter strips							
Grass swales							
Infiltration practices							
Pet waste stations							
Detention basin retrofits (filtration, infiltration, and residency time)							
Tree box filters & linear storm water tree pits							
Tree planting							
Water quality inlets							

N=Nitrogen, A=Ammonia, P=Phosphorus, S=Sediment, DO= Dissolved Oxygen, E= E. coli, H=Habitat

Commented [JE1]: Fill in target check marks

Table 2 Agricultural best management practices

Best Management Practice (FOTG practice code)	N	A	P	S	DO	E	H
Access control (472)*							
Comprehensive nutrient management plan (102)*							
Conservation cover (327)							
Constructed wetland (656)							
Cover crop (340)*							
Critical area planting (342)							
Denitrifying bioreactors (747)							
Diversion (326)							
Drainage water management (554)							
Fence (382)*							
Field border (386)							
Filter strip (393)							
Grade stabilization structure (410)*							
Grassed waterway (412)							
Heavy use area protection (561)							
Integrated pest management (595)*							
Nutrient management (590)*							
Open channel, two-stage ditch (582)*							
Residue and tillage management, reduced till (345)*							
Residue and tillage management, no till (329)*							
Spoil spreading, open channels (572)							
Stream crossing (578)*							
Strip cropping (585)*							
Structure for water control (587)*							
Subsurface drain (606)*							
Terrace (600)							
Underground outlet (620)*							
Waste storage facility (313)*							
Water well (642)*							
Watering facility (614)*							

N=Nitrogen, A=Ammonia, P=Phosphorus, S=Sediment, DO= Dissolved Oxygen, E= E. coli, H=Habitat

*See IDEM Section 319 Grant Program Eligible NRCS FOTG Practice (Ver. 2- May 2015) for key requirements

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Table 3 Habitat best management practices

Best Management Practice (FOTG practice code)	N	A	P	S	DO	E	H
Conservation cover (327)							
Critical area planting (342)							
Dam removal							
Open channel, two-stage ditch (582)*							
Riparian herbaceous cover (391)*							
Riparian forest cover (390)*							
Streambank & shoreline protection (580)*							
Stream daylighting							
Wetland restoration (657)							

N=Nitrogen, A=Ammonia, P=Phosphorus, S=Sediment, DO= Dissolved Oxygen, E= E. coli, H=Habitat

*See IDEM Section 319 Grant Program Eligible NRCS FOTG Practice (Ver. 2- May 2015) for key requirements

Target Audience Covered under this Cost-Share Program:

The target audience includes agricultural landowners, municipal and county properties and easements, publicly owned lands, and business properties within the critical and priority areas for implementation.

Percentage of Cost-Share that will be provided:

Up to 75% of the total cost for practices listed above will be cost-shared. The remaining percentage will be paid by the landowner via cash or in-kind service(s).

Cost-Share Program Advertisement:

The cost-share program will be advertised via the NIRPC website, **other websites?**, local media, **partners newsletters**, public meetings, workshops, field days, fliers distributed through partners, and word of mouth. **Anything Else?**

Cost-Share Program Application Review:

Cost-share applications will be reviewed and ranked by a cost-share subcommittee. The cost-share subcommittee will include urban and agricultural interest representatives. Applications and recommended projects will be presented to the steering committee for approval. Any conditional requirements will be made at this time. Following approval the applicant will be notified of funding status.

Criteria for Reviewing Cost-Share Applications:

Each application will be ranked using individual agricultural and urban practice formats. The ranking will weight projects that result in higher pollutant loading reduction and those located closer to waterbodies or conveyances higher than those resulting in lesser positive impacts. Rankings will be reviewed at a minimum quarterly to fund the highest ranked projects. A copy of the application form and ranking criteria for urban and agricultural projects are included at the end of this document.

Responsibility for the Administration Aspects (Paper Work) of the Cost-Share Program:

The Northwestern Indiana Regional Planning Commission will be responsible for administration of the cost-share program.

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Maximum dollar amount a cost-share recipient may receive:

There is no set maximum dollar amount that a cost-share recipient can receive. Cost-share dollar amounts will be determined on a case-by-case basis dependent on available funds, project costs, and estimated load reductions achievable by project implementation.

Field equipment cost-share:

Cost-share will be available for equipment modifications with up to 75% of the total modification cost provided for best management practices identified for this cost-share program. Cost-share will be paid as a reimbursement after the modified equipment is in use.

Best management practice installation review and approval according to recognized standards:

Agricultural best management practices will be reviewed and approved by NRCS representatives and/or SWCD or ISDA representatives or Technical Service Provider (TSP). Urban practices will be reviewed by a municipal or county Professional Engineer (PE) or engineer contractor.

Permitting associated with best management practice installation:

Applicants will be responsible for obtaining and paying for any necessary permits for BMP installation.

Best management practice maintenance and responsibility:

Applicants will be responsible for maintaining all best management practices. All vegetative and land management practices must be maintained for a minimum of five years with the exception of cover crops (annual practice). All structural practices must be maintained for a minimum of 10 years.