

PLUM CREEK WATERSHED

AGRICULTURAL CONSERVATION GRANT PROGRAM

COST SHARE FUNDING IS AVAILABLE FOR A VARIETY OF COST-SHARE PRACTICES INCLUDING:

- COVER CROPS
- GRASS FILTER STRIP
- VERTICAL AND ZONE TILLAGE (EQUIPMENT RENTAL)
- GRASSED WATERWAYS
- GRADE STABILIZATION STRUCTURES
- FENCING LIVESTOCK FROM STREAMS

ELIGIBLE PROJECTS MUST BE ON CURRENT AGRICULTURAL LAND IN THE PLUM CREEK WATERSHED.

PAST WORK DOES NOT QUALIFY.

PROJECT FUNDING AVAILABLE IN 2012, 2013 AND 2014.

GRANT FUNDING IS AVAILABLE THROUGH THE GREAT LAKES INITIATIVE. THE PRIMARY PURPOSE IS TO IMPROVE WATER QUALITY IN THE ROCKY RIVER WATERSHED.

IF INTERESTED CONTACT:

KARL SCHNEIDER

NATURAL RESOURCES COORDINATOR

LORAIN SOIL AND WATER CONSERVATION DISTRICT

ELYRIA, OHIO 44035

440-326-5800

Stopping Sediment at its Source in the Rocky River Watershed

Mallet Creek and West Plum Creek

Filter Strip

Definition:

- A strip or area of vegetation situated between cropland, grazing land, or disturbed land and environmentally sensitive areas, such as a stream.
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Purpose:

- Reduce sediment, particulate organics, and sediment adsorbed contaminants in runoff.
- To restore, create or enhance herbaceous habitat for wildlife and beneficial insects.
- To maintain or enhance watershed functions and values.

Size:

- Filter strips width is determined by the amount of sheet flow flowing across the filter area. Width can vary from 33 to 60 feet.

Incentive payment

- \$200 per acre per year for the grant period
- Expected life of practice 10 years

Grassed Waterway

Definition

- A natural or constructed channel that is shaped or graded to required dimensions and established with suitable vegetation.

Purpose

- To convey runoff from water concentrations without causing erosion or flooding
- To repair and prevent gully erosion
- To protect and improve water quality

Size:

- Minimum capacity shall be required to convey the peak runoff expected from a storm of 10 year frequency. Typical size is 30 ft wide by 1 ft deep.

Incentive payment

- Up to \$5000/Acre not to exceed 75% of the state average cost for the typical practice.
- Expected life of practice 10 years
- Additional supporting practices may be required, also with available incentive payments

(SEE NEXT PAGE FOR ADDITIONAL ITEMS)

Cover Crops

Definition

- Crops including grasses, legumes and forbs for seasonal cover and other conservation purposes. An annual crop that is not intended to be harvested but can be taken off as forage. It is typically grown in the non productive season between grain crops.

Purpose

- Reduce erosion from and water.
- Increase soil organic matter
- Capture and recycle or redistribute nutrients in the soil profile
- Promote biological nitrogen fixation.
- Weed suppression.
- Provide supplemental forage.
- Soil moisture management
- Minimize and reduce soil compaction

Incentive payment:

- \$35 per acre for the first 25 acres (to include seed and ground prep or aerial application)
- \$40 per acre for acres beyond 25 acres.

Fencing

Definition

- A permanent constructed barrier to animals or people. This practice applies to permanent fencing with a minimum functional design life of 20 years. The practice does not include portable fencing.

Purpose

- To exclude animals from a stream or environmentally sensitive areas.
- Does not include perimeter fencing or field splits.

Incentive payment:

- 75% of the state average cost or up to \$1.00 per foot for 2 strands of electric minimum.
- Expected life of practice 20 years

Watering system if needed to replace a stream-based watering source.

- 75% of the state average cost or up to \$500 per system.

Equipment Rental:

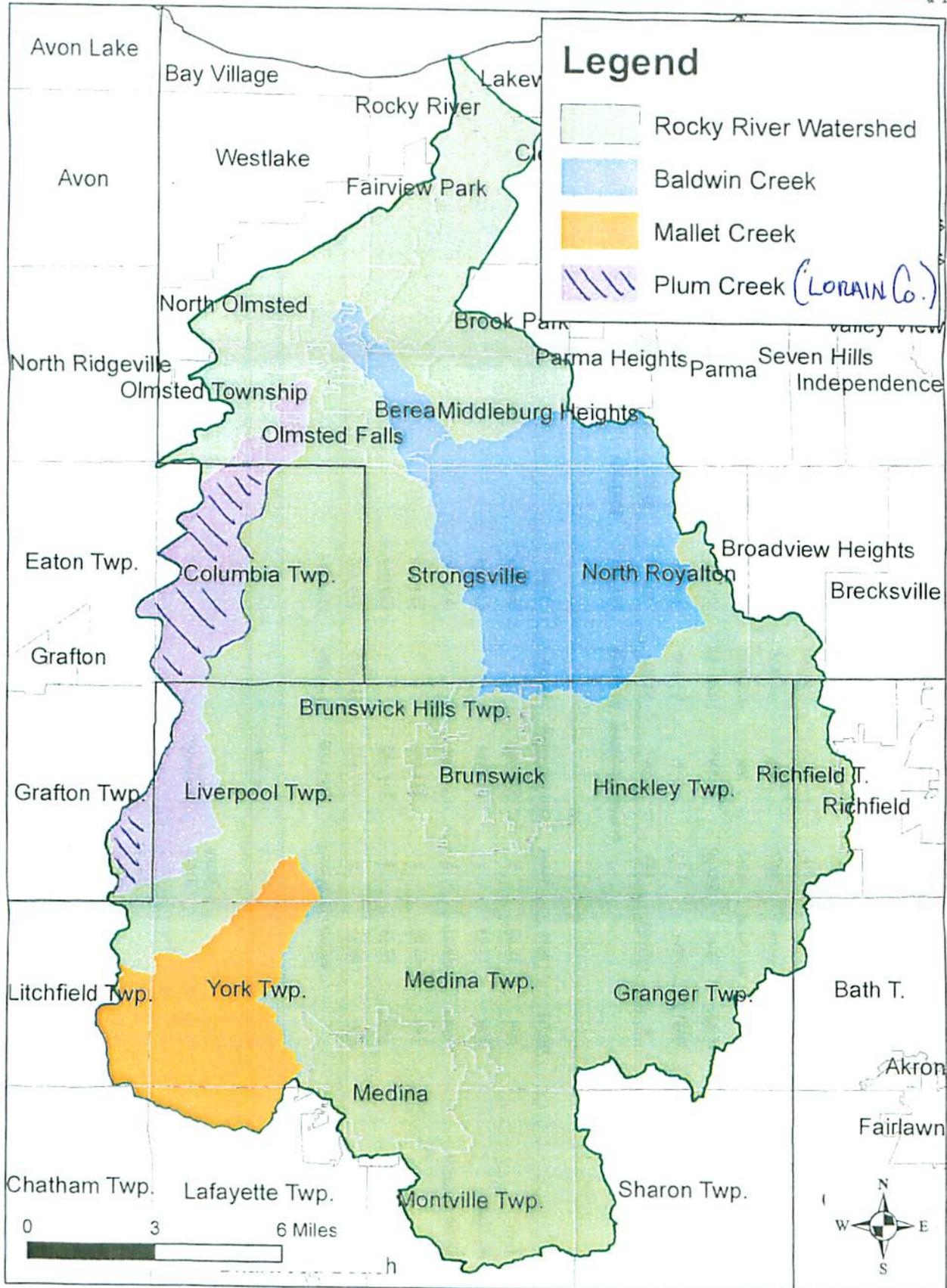
Zone Tillage

- Reimbursement for equipment rental at \$10 per acre with a maximum of 50 acres . Must have 30% residue at planting.

Vertical Tillage

- Reimbursement for equipment rental at \$15 per acre with a maximum of 50 acres. Must have 30% residue at planting

Stopping Sediment at its Source Target Subwatersheds



**Stopping Sediment at its Source in the Rocky River Watershed
Project Budget**

Practice	Quantity	Units	\$/unit	Cost Share	Grant	Participant	Total	Notes
				Rate	Share	Share		
Cover Crops	900	acres	35	NA	\$31,500		\$31,500	
Vegetated Filter Strip	15	acres	200	NA	\$9,000		\$9,000	\$200/acre/yr x 3 yrs
Vertical Tillage (rental)	1500	acres	15	NA	\$22,500		\$6,750	500 acres/yr x 3 yrs
Zone Tillage (rental)	1500	acres	10	NA	\$15,000		\$4,500	500 acres/yr x 3 yrs
Grassed Waterways	9	acres	6667	75%	\$45,000	\$15,000	\$60,000	
Outlet/Grade Control (for GW)	4	structures	6667	75%	\$20,000	\$6,667	\$26,667	
Streambank Stabilization	2500	feet	\$75.00	62.5%*	\$117,188	\$70,312	\$187,500	2500 feet at 50%-75% cost share (depending on severity)
Livestock Exclusion Fencing	7500	feet	1.43	75%	\$7,500	\$3,225	\$10,725	75% up to \$1/ft
Watering System (for LE)	4	systems	667	75%	\$2,000	\$667	\$2,667	75% up to \$500
Practices Subtotal					\$269,688	\$95,871	\$339,309	

Personnel	hrs/yr	Rate	Years	Grant Funded	Match	Total
MSWCD Tech	500	25.82	3	\$38,664		\$38,664
MSWCD Manager	290	32.24	3	\$28,164		\$28,164
MSWCD Admin Assistant	104	25.17	3	\$7,855		\$7,855
LSWCD Tech	240	25.82	3	\$21,688		\$21,688
LSWCD Manager	145	32.24	3	\$12,015		\$12,015
CSWCD RR Wat Coord	400	30.19	3	\$17,223	\$19,005	\$36,228
Personnel Subtotal				\$125,609	\$19,005	\$144,614

Outreach/Media Campaign **\$4,703**

Grant
Total: **\$400,000**

Match
Total: **\$114,876**

**GRAND
TOTAL: \$514,876**

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Target Subwatersheds

