

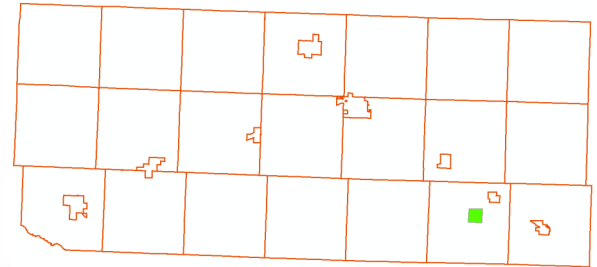
# COMPLETED PROJECT PROFILE

## CONSERVATION COOPERATOR: YOST FARM, INC.



### COOPERATOR & LOCATION

**COOPERATOR:** YOST FARM, INC.  
**LOCATION:** DUBLIN TOWNSHIP (T120N/R38W), SECTION 15  
**MAJOR WATERSHED:** CHIPPEWA RIVER  
**MINOR (HUC10) WATERSHED:** SHAKOPEE CREEK  
**CONTRACT #:** 2019-03



### PROJECT LOCATION & INFO

**PRACTICE:** DIVERSION  
**CONTRIBUTING AREA:** 5.0 AC TOTAL  
**RECEIVING WATERS:** JD 5 TILE LINE LEADING TO JD 5  
**PROJECT DESCRIPTION:** MIKE YOST WAS CONCERNED ABOUT THE RUNOFF OCCURRING ALONG ONE SIDE OF THEIR FARM OPERATIONS YARD. DURING RAIN EVENTS, WATER WOULD FLOW THOUGH THE GRAVEL YARD AREA AND DEPOSIT INTO AN OPEN TILE INTAKE LOCATED TO THE SOUTHEAST. THE TILE INTAKE HAD DETERIORATED AND SEVERE EROSION WAS OCCURRING. TO FIX THIS, AN EM-BANKMENT WAS CONSTRUCTED TO DIVERT THE OVERLAND WATER FLOW TO A ROCK LINED CHANNEL THAT LED TO THE TILE INTAKE. THIS PROJECT WILL REDUCE RILL EROSION AND FILTER RUNOFF BEFORE REACHING THE TILE LINE.



### ENVIRONMENTAL BENEFITS

PARAMETER	BEFORE	AFTER	SAVED
SEDIMENT LOAD (TONS/YR)	—	—	5.71
PHOSPHORUS LOAD (LBS/YR)	—	—	5.26

### COST ANALYSIS

PROJECT COSTS		FUNDING BY SOURCES		GRANT SOURCE		TARGETED PROJECT
INSTALLATION	\$4,197.10	FEDERAL	\$0	CWF	<input type="checkbox"/>	<input type="checkbox"/>
INCENTIVES	\$0	STATE	\$3,147.83	STATE C/S	<input checked="" type="checkbox"/>	
TOTAL	\$4,197.10	LOCAL	\$0	EPA-319	<input type="checkbox"/>	
		PDT	\$0	CAPACITY	<input type="checkbox"/>	
		COOPERATOR	\$1,049.27	OTHER	<input type="checkbox"/>	



# COMPLETED PROJECT PROFILE

## CONSERVATION COOPERATOR: YOST FARM, INC.



**RILL EROSION WASHING FROM YARD TOWARDS TILE INTAKE.**



**COUNTY TILE INTAKE THAT FAILED AND CAUSED GULLY EROSION.**



**EMBANKMENT NORTH OF CHANNEL, WITH VEGETATION BEGINNING TO GROW.**



**COMPLETED ROCK LINED CHANNEL.**

**OUR MISSION: THE SWIFT COUNTY SOIL AND WATER CONSERVATION DISTRICT IS COMMITTED TO PROVIDING HIGH QUALITY TECHNICAL, FINANCIAL, AND EDUCATIONAL ASSISTANCE TO LANDOWNERS AND LAND MANAGERS OF SWIFT COUNTY BY PROMOTING SOUND STEWARDSHIP OF OUR LAND AND WATER RESOURCES.**