

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: TMD48000Y17

Name: PIERCE COUNTY: Bergseng Family Dairy

Type: NPS Grant

Subtype: Total Maximum Daily Load

Status: COMPLETE

Start Date: 1/1/2017

End Date: 12/31/2018

Purpose: The grantee will implement a manure storage system, critical area stabilization, livestock fencing, and roof runoff systems to remedy discharges of manure, sediment and phosphorus in runoff entering waters of the state and address the following NR 151 Agricultural Performance Standards and Prohibitions: clean water diversions and prevention of direct runoff from a feedlot or stored manure into waters of the state.

Objective:

Comments: Grantee is PIERCE COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
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Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Runoff Grant - TMDL		1/1/2017	1/5/2018	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
Clean Water Diversions in WQMA: Number of animal units for diversions			
Clean Water Diversions in WQMA: Number of farms with diversions			
Clean Water Diversions in WQMA: Pollutant load reduction			
Developed Urban Areas: Other (Please Specify)			
Fueling and Maintenance Areas: Oily sheen presence			
Infiltration: % Pre-development stay-on volume			

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Details: Parameter	Value/Amount	Units	Comments
Infiltration: Cubic feet stay-on volume			
Manure Storage Facilities: Number of animal units			
Manure Storage Facilities: Number of animal units for failing facilities			
Manure Storage Facilities: Number of closed facilities			
Manure Storage Facilities: Number of failing/leaking facilities			
Manure Storage Facilities: Number of new/altered facilities			
NR 216: 20-40% Reduction in TSS - % reduction			
NR 216: 20-40% Reduction in TSS - Pounds reduced			
Nutrient Management on Agricultural Land: Acres planned			
Peak Flow Discharge: Change in cubic feet per second			
Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities			
Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units			
Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction			
Prohibition: Manure Storage Overflow: Number of animal units			
Prohibition: Manure Storage Overflow: Number of farms			
Prohibition: Unconfined Manure Pile in WQMA: Number of farms			
Prohibition: Unlimited Livestock Access: Feet of bank protected			
Prohibition: Unlimited Livestock Access: Number of farms			
Protective Areas: Feet of bank protected			
Sheet, rill and wind erosion: Acres meeting "T"			
Streambanks: Feet of bank protected			

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Details: Parameter	Value/Amount	Units	Comments		
Streambanks: Tons of bank erosion reduced					
non NR 216: 20-40% Reduction in TSS - % reduction					
non NR 216: 20-40% Reduction in TSS - Pounds reduced					
Grant Awarded	This project is a landowner installation of nonpoint source best management practices to contribute to the restoration of Wisconsin's waters and was funded by the 319 grant. Specifically, the grantee will implement: a manure storage system, critical area stabilization, livestock fencing, and roof runoff systems to remedy discharges of manure, sediment and phosphorus in runoff.	1/1/2017	12/31/2018	COMPLETE	
Best Management Practices, Implement	This project is a landowner installation of nonpoint source best management practices to contribute to the restoration of Wisconsin's waters and was funded by the 319 grant. Specifically, the grantee will implement: a manure storage system, critical area stabilization, livestock fencing, and roof runoff systems to remedy discharges of manure, sediment and phosphorus in runoff.	1/1/2017	12/31/2018	IN_PROGRESS	

Monitoring Stations

Station ID	Name	Comments

Assessment Units

WBIC	Segment	Local Name	Official Name
720950	1	Mississippi Backwater (T25n R18w S30-01)	Unnamed
721000	1	Mississippi (Reach 1) Rush-Vermillion - St. Croix R to Chippewa R(Pools 3- lower Pool 4, Lake Pepin)	Mississippi River
731800	1	Lake Pepin	Lake Pepin
732000	1	Mississippi backwater	Lily Pond
732200	1	Mississippi Backwater	Dead Slough Lake
732300	1	Mississippi backwater	Goose Lake
732375	1	Mississippi Backwater	Unnamed
732400	1	Mississippi backwater	Lake Pepin - Dead Slough
732600	1	Mississippi backwater	Mud Lake
733000	1	Mississippi Backwater	Unnamed
733200	1	Mississippi backwater	Gantenbein Lake
1888600	1	Mississippi Backwater near Bay City	Unnamed
1888700	1	Lake Adjacent to Mississippi Backwater in Bay city	Unnamed
1888800	1	Mississippi Backwater near Hagar City	Unnamed

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1888900	1	Mississippi Backwater near Mud Lake	Unnamed
1889000	1	Mississippi Backwater near Goose Lake	Unnamed
1889400	1	Mississippi backwater near Diamond Bluff	Unnamed
1889500	1	Mississippi Backwater near Gantenbein Lake	Unnamed
1889600	1	Mississippi backwater near Gantenbein Lake	Unnamed
1889700	1	Mississippi backwater (Trenton Slough)	Unnamed
1890300	1	Un Lake Adjacent Big River, Mississippi River and RR	Unnamed
1890400	1	Mississippi Backwater Adjacent Big River and RR	Unnamed
1890500	1	Un Lake Adjacent Mississippi River near Prescott	Unnamed
2043200	1	Mississippi Backwater near Bay City	Un Spring
2043300	1	Mississippi Backwater near Goose Lake	Un Spring
2051300	2	Plum Creek	Plum Creek
2051300	4	Plum Creek	Plum Creek
2051300	5	Plum Creek	Plum Creek
2051300	6	Plum Creek	Plum Creek
2051500	2	Porcupine Creek	Porcupine Creek
2051900	1	Elk Creek	Elk Creek
2051900	2	Elk Creek	Elk Creek
2052400	1	Creek 2-15 (Brunner Valley)	Unnamed
2052400	2	Creek 2-15 (Brunner Valley)	Unnamed
2052700	1	Creek 34-3 T25n R15w	Unnamed
2052700	2	Creek 34-3 T25n R15w	Unnamed
2052800	1	Stream 22-12 (Rush Coulee)	Unnamed
2052800	2	Creek 22-12 T25n R15w	Unnamed
2052850	1	Creek 22-11 T25n R15w	Unnamed
2053200	1	Stream 10-8 (T25N, R15W)	Unnamed
2053200	2	Stream 10-8 (T25N, R15W)	Unnamed
2053250	1	Stream 3-7	Unnamed
2053400	1	Nugget Lake	Nugget Lake
2053500	1	Rock Elm Creek	Rock Elm Creek
2055000	2	Eau Galle River	Eau Galle River
2055000	3	Eau Galle River	Eau Galle River
2055000	4	Eau Galle River	Eau Galle River
2055700	3	Missouri Creek	Missouri Creek
2056300	1	Creek 24-13	Unnamed

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2056325	1	Creek 234d	Unnamed
2058000	1	Cady Creek	Cady Creek
2058000	2	Cady Creek	Cady Creek
2058800	1	Creek 35-15 (T27n R15w) Porter Creek	Unnamed
2058800	2	Creek 35-15 (T27n R15w) Porter Creek	Unnamed
2058900	1	Creek 27-16 T27n R15w	Unnamed
2059400	1	Burkart Creek	Burkhart Creek
2059600	1	Mines Creek	Mines Creek
2059600	2	Mines Creek	Mines Creek
2059650	1	Creek 1-16 (T27N, R16W)	Unnamed
2059800	1	Lake George	Lake George
2440000	1	Pine Creek	Pine Creek
2440000	2	Pine Creek	Pine Creek
2440000	3	Pine Creek	Pine Creek
2440100	1	North Branch Pine Creek	North Branch Pine Creek
2440100	2	North Branch Pine Creek	North Branch Pine Creek
2440300	1	Rush River	Rush River
2440300	3	Rush River	Rush River
2440300	5	Rush River	Rush River
2440500	1	Crystal Spring Creek	Unnamed
2440700	1	Morgan Coulee Creek	Unnamed
2440700	2	Morgan Coulee Creek	Unnamed
2441000	1	Foley Branch	Foley Br
2441700	1	Lost Creek	Lost Creek
2441700	2	Lost Creek	Lost Creek
2442000	1	Brush Creek	Brush Creek
2442100	1	Cave Creek	Cave Creek
2442100	2	Cave Creek	Cave Creek
2442100	3	Cave Creek	Cave Creek
2443000	1	Creek 5-5 (T26n R16w)	Unnamed
2443200	1	Creek 32-7 T27n R16w Coulee Creek	Unnamed
2443200	2	Creek 32-7 T27n R16w Coulee Creek	Unnamed
2443200	3	Creek 32-7 T27n R16w Coulee Creek	Unnamed
2443300	1	Gilman Creek T27n R16w S19	Gilman Creek
2443300	2	Gilman Creek T27n R16w S19	Gilman Creek

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2445000	1	Isabelle Creek	Isabelle Creek
2445000	2	Isabelle Creek	Isabelle Creek
2445000	3	Isabelle Creek	Isabelle Creek
2445000	4	Isabelle Creek	Isabelle Creek
2445000	5	Isabelle Creek	Isabelle Creek
2445000	7	Isabelle Creek	Isabelle Creek
2445000	8	Isabelle Creek	Isabelle Creek
2445000	9	Isabelle Creek	Isabelle Creek
2445000	10	Isabelle Creek	Isabelle Creek
2445200	1	Jackson Bluff Creek	Jackson Bluff Creek
2445400	1	Un Spring Adjacent to Isabelle Creek and 620th ave.	Un Spring
2446300	1	Un Lake Adjacent Mississippi River near Bay City	Unnamed
2446800	1	Mississippi Backwater	Unnamed
2446900	1	Mississippi Backwater near mouth of Trimbelle	Unnamed
2447000	1	Trimbelle River	Trimbelle River
2447000	2	Trimbelle River	Trimbelle River
2447000	3	Trimbelle River	Trimbelle River
2447000	4	Trimbelle River	Trimbelle River
2447000	5	Trimbelle River	Trimbelle River
2447100	1	Little Trimbelle Creek	Little Trimbelle Creek
2447100	2	Little Trimbelle Creek	Little Trimbelle Creek
2447100	3	Little Trimbelle Creek	Little Trimbelle Creek
2447200	1	Spring Creek	Spring Creek
2447200	2	Spring Creek	Spring Creek
2447250	1	Unnamed Creek 16-10	Unnamed
2447270	1	Creek 16-2	Unnamed
2447300	1	Goose Creek	Goose Creek
2447400	1	Wind River	Wind River
2447400	2	Wind River	Wind River
2447600	1	Big River	Big River
2447600	2	Big River	Big River
2447600	3	Big River	Big River
2447600	4	Big River	Big River
2447700	1	Dry Run Coulee	Unnamed
2447900	1	Unnamed Creek (T26n R20w S14)	Unnamed

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2503600	1	Local Water	Unnamed
2601400	1	St Croix River	Saint Croix River
2601500	1	St. Croix Lake	Lake Saint Croix
2601500	2	Kinnickinnic SP, Lake Saint Croix	Lake Saint Croix
2601800	1	Kinnickinnic River	Kinnickinnic River
2601800	4	Kinnickinnic River	Kinnickinnic River
2601800	6	Kinnickinnic River	Kinnickinnic River
2602200	1	Creek 10-11(T27n R19w)	Unnamed
2602400	1	Rocky Branch(Rocky Brook)(Creek 11-3)	Rocky Run
2602500	1	Creek 12-11 (T27N, R19W)	Unnamed
2602800	1	Creek 2-16 T27n R19w	Unnamed
2603000	1	Lower Kinnickinnic Pond	Kinnickinnic Pond, Lower
2603100	1	South Fork Kinnickinnic River	South Fork Kinnickinnic River
2603200	1	Creek 7-1 T27n R18w	Unnamed
2603200	2	Creek 7-1 T27n R18w	Unnamed
2603500	1	Unnamed T27n, R18w, S10&11	Unnamed
2603700	1	Lake George	Upper Kinnickinnic Pond
3000357	1	Creek 9-12 T26n R16w	Unnamed
3000365	1	Creek 9-15b T27n R19w	Unnamed
3000366	1	Creek 8-13 T27n R19w	Unnamed
3000367	1	Creek 8-11 T27n R19w	Unnamed
3000368	1	Creek 17-6 T27n R19w	Unnamed
3000369	1	Creek 9-15a T27n R19w	Unnamed
3000370	1	Creek 5-15 T27n R18w	Unnamed
3000372	1	Creek 33-3 T26n R16w	Unnamed
3000375	1	Creek 23-3 T27n R15w	Unnamed
5013251	1	Creek 2-3	Unnamed
5014378	1	Creek 3-7	Unnamed
5014502	1	Creek 3-7 (T25n R15w)	Unnamed
5016366	1	Pine Creek	Pine Creek
5016366	2	pine creek test	Pine Creek
5016871	1	Unnamed Creek 23-13D	Unnamed
5016902	1	Unnamed Creek 23-13C	Unnamed
5016903	1	Unnamed Creek 24-11	Unnamed
5539434	1	Local Water	Unnamed

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5540087	1	Unnamed	Unnamed
5540244	1	Local Water	Unnamed
5540673	1	Sharp Muskrat Lake	Sharp Muskrat Lake
5540718	1	Twin Lakes	Twin Lakes
5540790	1	Twin Lakes	Twin Lakes
5540804	1	Local Water	Unnamed
5541277	1	North Lake	North Lake
5541646	1	Brewer Lake	Brewer Lake
5541733	1	Local Water	Unnamed
5542754	1	Impoundment on Un. Cr. near Trenton	Unnamed
5543545	1	Cannon Lake	Cannon Lake
5544149	1	Unnamed Lake	Unnamed
5544218	1	Unnamed Lake	Unnamed
5582104	1	Unnamed Lake	Grotes Pond
5584475	1	Unnamed Lake	Unnamed
5584587	1	Unnamed Lake	Unnamed
5584591	1	Pickerel Slough	Pickerel Slough
5584618	1	Upper Round Lake	Upper Round Lake
5589771	1	Sturgeon Lake	Sturgeon Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Bergseng Family Dairy - Final Report		Rodney Webb	1/12/2018	

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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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