

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: East_TWA_5_2016

Name: Garners Creek TWA 2016

Type: Targeted Watershed Approach

Subtype: Effectiveness (BMP, Other)

Status: FINAL_RPT

Start Date: 1/1/2016

End Date: 12/16/2016

Purpose: Garner's Creek is listed on the State's 303(d) list of impaired waterways. Garner's Creek Storm water Utility (GCSWUD) District was formed in 1998 to reduce flooding potential, improve stream bank erosion, and to enhance water quality along Garners Creek and its tributary streams. GCSWUD is formed on a mutual agreement between the Village of Combined Locks, Town of Buchanan, and the Town of Harrison for the purpose of planning and directing the development, financing, construction, operation, maintenance, regulation, and administration of a joint storm water utility system. In the last 10 year just over \$2 million of Urban grants were awarded in this HUC-12.

Objective: This project will seek to evaluate contemporary conditions in Garner's Creek and small tributaries in the watershed following the formation of the district and resources that have been placed to work toward it purpose. The evaluation will focus on watershed scale alterations and changes in water quality criteria, the biological community, and habitat. In 2015, the Fox Valley Technical college was awarded a grant to support and implement a citizen volunteer network in the Lower Fox River watershed. The effort focused on monitoring water quality in the 13 major tributaries to the Lower Fox including Garner's Creek. Water Quality samples including Total Phosphorous, Total Suspended Solids, and Dissolved Reactive Phosphorous were collected on Garner's Creek 6 times during the growing season. Flow, temperature and transparency were also collected at each site. A fall macroinvertebrate sample was collected and analyzed by UW-Superior. This same effort will be replicated in 2016.

Comments:

Outcome: Fish and quantitative habitat surveys will be completed at 10-13 sites. Macro-invertebrates will be collected from 8 sites. Water Quality samples will be collected at 2 sites. All data will be entered into the appropriate databases.

Study Design:

QA Measures: Standard DNR and SLOH protocols will be followed.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Helmuth, Lisa D	COORDINATOR	INACTIVE	11/23/2019	12/28/2022	Wisconsin DNR	
Hudak, Andrew J	COORDINATOR	ACTIVE	12/16/2015	12/31/2099	Wisconsin DNR	
McLennan, Robin	COORDINATOR	COMPLETE	12/16/2015	12/31/2099	Wisconsin DNR	
PAPPAS, RYAN J	COORDINATOR	ACTIVE	12/16/2015	12/31/2099	Wisconsin DNR	
Perdzock, Amanda R	COORDINATOR	ACTIVE	4/4/2018		Wisconsin DNR	
STEGEMANN, HOLLY A	TEAM_MEMBER	ACTIVE	1/18/2018		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
2/16/2016	Andrew Hudak	Proposed	
11/17/2016	Andrew Hudak	Progress: 75-100% Complete	All field work completed and draft of final report started with completion target of Dec 2017

Project Status Detail

Wisconsin Department of Natural Resources SWIMS Project Summary

Actions				
Action	Detailed Description	Start Date	End Date	Status
Monitor Targeted Watershed Area (TWA)	This project will seek to evaluate contemporary conditions in Garner's Creek and small tributaries in the watershed following the formation of the district and resources that have been placed to work toward it purpose	1/1/2016	12/16/2016	COMPLETE
Details: Parameter	Value/Amount	Units	Comments	
PCBs				
Report Writeup				
Total Nitrogen				
Total Phosphorus				
Total Suspended Solids				
Watershed Mapping or Assessment	This project will seek to evaluate contemporary conditions in Garner's Creek and small tributaries in the watershed following the formation of the district and resources that have been placed to work toward it purpose	1/1/2016	12/16/2016	COMPLETE
Details: Parameter	Value/Amount	Units	Comments	
Total Nitrogen				
Total Phosphorus				
Total Suspended Solids				
Grant Awarded	This project will seek to evaluate contemporary conditions in Garner's Creek and small tributaries in the watershed following the formation of the district and resources that have been placed to work toward it purpose	1/1/2016	12/16/2016	COMPLETE

Monitoring Stations		
Station ID	Name	Comments
10043028	Garner's Creek ds of CTH Z	
10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce	
10047162	Garners Creek 1000 meters US CTH N	
10047160	Garners Creek 375 meters US CTH N	
10047161	Garners Creek 850 meters US CTH N	
10047153	Garners Creek US Park Street	
10047151	UNT to Fox River DS Sunset Park stormwater pond	
10044954	UNT to Fox River 15 meters US Pershing Road	
10044956	UNT to Fox River 180 meters DS CTH-OO	
10044955	UNT to Fox River 300 meters DS Pershing Road	
10044824	UNT to Fox River 50m US Main St (USH 96)	

Wisconsin Department of Natural Resources
SWIMS Project Summary

10047152	UNT to Fox River US Prospect Road	
10047107	UNT to Garners Creek 15 meters US Buchanan road	
10047155	UNT to Garners Creek 20 meters US CTH KK	
10047156	UNT to Garners Creek 200 meters CTH CE	
10047159	UNT to Garners Creek 30 meters US CTH CE	
10047154	UNT to Garners Creek 30 meters us CTH KK	
10047157	UNT to Garners Creek 330 meters US CTH CE	
10047158	UNT to Garners Creek 520 meters US CTH CE	

Assessment Units

WBIC	Segment	Local Name	Official Name
127700	1	Garners Creek	Garners Creek
128000	1	Unnamed Tributary to Fox River	Unnamed
5021600	1	Unnamed Trib to Fox River	Unnamed
5021676	1	Garners Creek	Unnamed
5022136	1	Unnamed Tributary to Garners Creek	Unnamed
5022162	1	Unnamed Trib to Garners Creek	Unnamed
5022198	1	Unnamed Trib to Garners Creek	Unnamed
5022198	2	Unnamed Trib to Garners Creek	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	3/26/2014	12/31/2099

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/1/2016 1:00	COMPLETE		10043028	Garner's Creek ds of CTH Z
5/1/2016 1:00	COMPLETE		10044824	UNT to Fox River 50m US Main St (USH 96)
5/1/2016 1:00	COMPLETE		10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
5/25/2016	COMPLETE		10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
5/25/2016	COMPLETE		10044956	UNT to Fox River 180 meters DS CTH-OO

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

5/25/2016	COMPLETE		10044954	UNT to Fox River 15 meters US Pershing Road
5/25/2016	COMPLETE		10044955	UNT to Fox River 300 meters DS Pershing Road
6/1/2016 16:00	COMPLETE	GCBD-2016-MAY	10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
6/1/2016 17:30	COMPLETE	UFRWM-2016-MAY	10044824	UNT to Fox River 50m US Main St (USH 96)
6/9/2016 9:45	COMPLETE		10047155	UNT to Garners Creek 20 meters US CTH KK
6/9/2016 11:15	COMPLETE		10047154	UNT to Garners Creek 30 meters us CTH KK
6/9/2016 13:00	COMPLETE		10047107	UNT to Garners Creek 15 meters US Buchanan road
6/9/2016 15:00	COMPLETE		10047151	UNT to Fox River DS Sunset Park stormwater pond
6/20/2016 10:10	COMPLETE		10047156	UNT to Garners Creek 200 meters CTH CE
6/20/2016 12:14	COMPLETE		10047157	UNT to Garners Creek 330 meters US CTH CE
6/20/2016 14:00	COMPLETE		10047158	UNT to Garners Creek 520 meters US CTH CE
6/21/2016 9:20	COMPLETE		10044824	UNT to Fox River 50m US Main St (USH 96)
6/21/2016 11:40	COMPLETE		10047152	UNT to Fox River US Prospect Road
6/21/2016 13:00	COMPLETE		10047159	UNT to Garners Creek 30 meters US CTH CE
6/29/2016 16:30	COMPLETE	GCBD-2016-JUNE	10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
6/29/2016 17:45	COMPLETE	UFRWM-2016-JUNE	10044824	UNT to Fox River 50m US Main St (USH 96)
6/30/2016 9:00	COMPLETE		10047160	Garners Creek 375 meters US CTH N
6/30/2016 11:00	COMPLETE		10047161	Garners Creek 850 meters US CTH N
6/30/2016 13:00	COMPLETE		10047162	Garners Creek 1000 meters US CTH N
7/14/2016 8:10	COMPLETE		10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
7/14/2016 11:36	COMPLETE		10047153	Garners Creek US Park Street
7/14/2016 13:45	COMPLETE		10043028	Garner's Creek ds of CTH Z
8/2/2016 14:30	COMPLETE	GCBD-2016-JULY	10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
8/2/2016 15:00	COMPLETE	UFRWM-2016-JULY	10044824	UNT to Fox River 50m US Main St (USH 96)
8/29/2016 17:15	COMPLETE	GCBD-2016-AUGUST	10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
8/29/2016 17:50	COMPLETE	UFRWM-2016-AUGUST	10044824	UNT to Fox River 50m US Main St (USH 96)
9/26/2016 14:15	COMPLETE	GCBD-2016-SEP	10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
9/26/2016 15:00	COMPLETE	UFRWM-2016-SEP	10044824	UNT to Fox River 50m US Main St (USH 96)
10/4/2016	COMPLETE		10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
10/4/2016	COMPLETE		10043028	Garner's Creek ds of CTH Z
10/4/2016	COMPLETE		10047162	Garners Creek 1000 meters US CTH N
10/4/2016	COMPLETE		10047160	Garners Creek 375 meters US CTH N
10/4/2016	COMPLETE		10047159	UNT to Garners Creek 30 meters US CTH CE

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

10/4/2016	COMPLETE		10044824	UNT to Fox River 50m US Main St (USH 96)
10/4/2016	COMPLETE		10047151	UNT to Fox River DS Sunset Park stormwater pond
10/4/2016	COMPLETE		10047161	Garners Creek 850 meters US CTH N
10/26/2016 14:00	COMPLETE	GCBD-2016-OCTOBER	10016542	Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce
10/26/2016 14:30	COMPLETE	UFRWM-2016-OCTOBER	10044824	UNT to Fox River 50m US Main St (USH 96)

Documents

Title	Description	Author	Published	Comments
2016 Total Phosphorus Monitoring Report - Garners Creek - Brookhaven Dr. - 500 Feet Down-Stream Just East Of Cth N And North Ofcth Ce	In 2016, volunteers were selected to help with a monitoring project in the Garner's Creek sub-watershed. Top of FormGarner's Creek is listed on the State's 303(d) list of impaired waterways. Volunteers collected total phosphorus samples at two sites in the watershed to provide data for the assessment by the Garner's Creek Storm Water Utility (GCSWUD) District.	Ilana Haimes	1/10/2017	
2016 Total Phosphorus Monitoring Report - UNT to Fox River 50m US Main St (USH 96)	In 2016, volunteers were selected to help with a monitoring project in the Garner's Creek sub-watershed. Top of FormGarner's Creek is listed on the State's 303(d) list of impaired waterways. Volunteers collected total phosphorus samples at two sites in the watershed to provide data for the assessment by the Garner's Creek Storm Water Utility (GCSWUD) District.	Ilana Haimes	1/10/2017	
Garners Creek 1000 meters US CTH N	Start of Station	Ryan Pappas	6/30/2016	Swims: 10047162
Garners Creek 375 meters US CTH N	start of station	Ryan Pappas	6/30/2016	Swims: 10047160
Garners Creek 375 meters US CTH N Phragmites	AIS Phragmites Observed	Ryan Pappas		AIS Observed
Garners Creek 850 meters US CTH N	Start of Station	Ryan Pappas	6/30/2016	Swims: 10047161
Garners Creek Downstream -oakridge Dr-realignment-err (127700) photo by Andrew Hudak	Garners Creek Downstream -oakridge Dr-realignment-err (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek US CTH Z	start of station	Ryan Pappas	7/14/2016	Swims: 10043028
Garners Creek US CTH Z Curly Leaf Pondweed	AIS curly leaf pondweed observed	Ryan Pappas	7/14/2016	AIS Observed
Garners Creek US CTH Z Eroded Banks	eroded banks along garners creek	Ryan Pappas	7/14/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Garners Creek US CTH Z Eurasian Water Milfoil	AIS Eurasian water milfoil observed	Ryan Pappas	7/14/2016	AIS Observed
Garners Creek at Brookhaven (127700) photo by Andrew Hudak	Garners Creek at Brookhaven (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at Brookhaven (4) (127700) photo by Andrew Hudak	Garners Creek at Brookhaven (4) (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at Brookhaven Banks (127700) photo by Andrew Hudak	Garners Creek at Brookhaven Banks (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at Brookhaven Road	End Of Station	Ryan Pappas	7/14/2016	Swims: 10016542
Garners Creek at County Trunk Hwy Z (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z (127700) photo by Andrew Hudak	Hudak, Andrew	8/29/2016	
Garners Creek at County Trunk Hwy Z (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at County Trunk Hwy Z (2) (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z (2) (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at County Trunk Hwy Z -Curly leaf pondweed (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z - Curly leaf pondweed (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at County Trunk Hwy Z -Eurasian water-milfoil (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z - Eurasian water-milfoil (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at County Trunk Hwy Z -fish long-nosed Gar (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z - fish long-nosed Gar (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at County Trunk Hwy Z Banks (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z Banks (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at County Trunk Hwy Z end of station (127700) photo by Andrew Hudak	Garners Creek at County Trunk Hwy Z end of station (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek at Park Street		Ryan Papaps	7/14/2016	Swims: 10047153
Garners Creek at Park Street (127700) photo by Andrew Hudak	Garners Creek at Park Street (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Garners Creek downstream - Oakridge-realign (127700) photo by Andrew Hudak	Garners Creek downstream -Oakridge-realign (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Garners Creek downstream - oakridge-realign (2) (127700) photo by Andrew Hudak	Garners Creek downstream -oakridge-realign (2) (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek downstream-Oakridge Dr-realignment-Phrag (127700) photo by Andrew Hudak	Garners Creek downstream-Oakridge Dr-realignment-Phrag (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek downstream-oakridge Dr-realignment-phrag (2) (127700) photo by Andrew Hudak	Garners Creek downstream-oakridge Dr-realignment-phrag (2) (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign (127700) phtot by Andrew Hudak	Garners Creek-Within-Realign (127700) phtot by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign (2) (127700) photo by Andrew Hudak	Garners Creek-Within-Realign (2) (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign (3) (127700) photo by Andrew Hudak	Garners Creek-Within-Realign (3) (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign (4) (127700) photo by Andrew Hudak	Garners Creek-Within-Realign (4) (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign-bank (127700) photo by Andrew Hudak	Garners Creek-Within-Realign-bank (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign-fish (127700) photo by Andrew Hudak	Garners Creek-Within-Realign-fish (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign-log (127700) photo by Andrew Hudak	Garners Creek-Within-Realign-log (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign-meadow (127700) photo by Andrew Hudak	Garners Creek-Within-Realign-meadow (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-Within-Realign-shed (127700) photo by Andrew Hudak	Garners Creek-Within-Realign-shed (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
Garners Creek-upstream oakridge Dr Realignment (127700) photo by Andrew Hudak	Garners Creek-upstream oakridge Dr Realignment (127700) photo by Andrew Hudak	Hudak, Andrew	6/30/2016	
GarnersCreek at Brookhaven (2) (127700) photo by Andrew Hudak	GarnersCreek at Brookhaven (2) (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

GarnersCreek at Brookhaven (3) (127700) photo by Andrew Hudak	GarnersCreek at Brookhaven (3) (127700) photo by Andrew Hudak	Hudak, Andrew	7/14/2016	
Poison Hemlock Outagamie County	Emails regarding poison hemlock reported in Outagamie County	Jeanne Scherer	12/21/2017	
Toad Mating (2) Garners Creek TWA 2016 project (127700) photo by Andrew Hudak	Toad Mating (2) Garners Creek TWA 2016 project (127700) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Toad Mating (3) Garners Creek TWA 2016 project (127700) photo by Andrew Hudak	Toad Mating (3) Garners Creek TWA 2016 project (127700) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Toad Mating Garners Creek TWA 2016 project (127700) photo by Andrew Hudak	Toad Mating Garners Creek TWA 2016 project (127700) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
UNT to Fox River 180 Meters DS CTH OO	Start of station	Ryan Pappas	5/25/2016	Swims: 10044956
UNT to Fox River 180 Meters DS CTH OO Japanese Knotweed	AIS Japanese knotweed observed	Ryan Pappas	5/25/2016	AIS Observed
UNT to Fox River DS Pershing Road	Concrete channel Start of station	Ryan Pappas	5/25/2016	Swims: 10044955
UNT to Fox River DS Pershing Road 2	below concrete channel	Ryan Pappas	5/25/2016	below concrete channel
UNT to Fox River US Main Street	start of station	Ryan Pappas	6/21/2016	Swims: 10044824
UNT to Fox River US Pershing Road	start of station	Ryan Pappas	5/25/2016	swims: 10044954
UNT to Fox River US Pershing Road Purple Loosestrife	AIS purple loosestrife observed	Ryan Pappas	5/25/2016	AIS Observed
UNT to Fox River US Prospect Road	start of Station	Ryan Pappas	6/21/2016	Swims: 10047152
UNT to Fox River US Prospect Road Eurasian Watermilfoil	ais Eurasian water milfoil observed	Ryan Pappas	6/21/2016	AIS Observed
UNT to Fox River in Sunset Park	Start of Station	Ryan Pappas	6/9/2016	Swims: 10047151
UNT to Garners Creek 200 meters DS CTH CE	start of Station	Ryan Pappas	6/20/2016	Swims: 10047156
UNT to Garners Creek 30 meters US CTH CE	start of station	Ryan Pappas	6/21/2016	Swims: 10047159
UNT to Garners Creek 330 meters US CTH CE	Start of Station	Ryan Pappas	6/20/2016	Swims: 10047157
UNT to Garners Creek 520 meters US CTH CE	start of station	Ryan Pappas	6/20/2016	Swims: 10047158

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

UNT to Garners Creek US Buchanan Road	start of station	Ryan Pappas	6/9/2016	Swims: 10047107
UNT to Garners Creek US CTH KK/N	Start of Station	Ryan Pappas	6/9/2016	Swims: 10047155
UNT to Garners Creek US CTH KK/Noe	Start of Station	Ryan Pappas	6/9/2016	Swims: 10047154
Unnamed Tributary to Fox downstream County Trunk Hwy OO (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO (2) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO (2) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO (3) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO (3) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO (4) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO (4) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO (5) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO (5) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO Japanese knotweed (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO Japanese knotweed (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO Japanese knotweed (2) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO Japanese knotweed (2) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO Poison Hemlock (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO Poison Hemlock (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream County Trunk Hwy OO Poison Hemlock (2) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream County Trunk Hwy OO Poison Hemlock (2) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Unnamed Tributary to Fox downstream pershing rd (concrete) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream pershing rd (concrete) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream pershing rd (concrete) (2) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream pershing rd (concrete) (2) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream pershing rd (concrete) (3) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream pershing rd (concrete) (3) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream pershing rd (concrete) (4) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream pershing rd (concrete) (4) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream pershing rd (concrete) (5) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream pershing rd (concrete) (5) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox downstream pershing rd (concrete) (6) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox downstream pershing rd (concrete) (6) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox upstream pershing rd (restored) purple loosestrife (128000) photo by Andrew Hudak	Unnamed Tributary to Fox upstream pershing rd (restored) purple loosestrife (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox upstream pershing rd (restored) purple loosestrife (2) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox upstream pershing rd (restored) purple loosestrife (2) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox upstream pershing rd (restored) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox upstream pershing rd (restored) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox upstream pershing rd (restored) (2) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox upstream pershing rd (restored) (2) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Fox upstream pershing rd (restored) (3) (128000) photo by Andrew Hudak	Unnamed Tributary to Fox upstream pershing rd (restored) (3) (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Unnamed Tributary to Garners 30 meters upstream county trunk hwy CE (9D) (5022162) photo by Andrew Hudak	Unnamed Tributary to Garners 30 meters upstream county trunk hwy CE (9D) (5022162) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed Tributary to Garners Creek at Buchanan (2) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at Buchanan (2) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at Buchanan (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at Buchanan (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK (2) (darboyClub) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK (2)(darboyClub) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK (3) (darboyClub) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK (3) (darboyClub) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK (darboyClub) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK (darboyClub) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe (2) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe (2) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe (3) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe (3) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe Pink Iris (2) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe Pink Iris (2) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe Pink Iris (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe Pink Iris (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (2) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (2) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (3) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (3) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (4) (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (4) (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe bad restoration (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe lawn scraps (5022198) photo by Andrew Hudak	Unnamed Tributary to Garners Creek at County Trunk Hwy KK-Noe lawn scraps (5022198) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed Tributary to Garners upstream county trunk hwy CE-vegetated bank (5022162) photo by Andrew Hudak	Unnamed Tributary to Garners upstream county trunk hwy CE-vegetated bank (5022162) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed tributary to Fox #1 photo from Garner's Creek TWA 2016 project photo by Andrew Hudak	Unnamed tributary to Fox #1 photo from Garner's Creek TWA 2016 project photo by Andrew Hudak	Hudak, Andrew	2/14/2017	Potential WBICs 128000, 5021676, 5022162, and 502166
Unnamed tributary to Fox River Upstream at Prospect #4 (5021676) photo by Andrew Hudak	Unnamed tributary to Fox River Upstream at Prospect #4 (5021676) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed tributary to Fox River Upstream at Prospect #4-Eurasian water-milfoil (5021676) photo by Andrew Hudak	Unnamed tributary to Fox River Upstream at Prospect #4-Eurasian water-milfoil (5021676) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	

Wisconsin Department of Natural Resources SWIMS Project Summary

Unnamed tributary to Fox River at Prospect Eurasian water-milfoil (5021676) photo by Andrew Hudak	Unnamed tributary to Fox River at Prospect Eurasian water-milfoil (5021676) photo by Andrew Hudak	Hudak, Andrew	10/12/2016	
Unnamed tributary to Fox River upstream Main Street #1 (128000) photo by Andrew Hudak	Unnamed tributary to Fox River upstream Main Street #1 (128000) photo by Andrew Hudak	Hudak, Andrew	5/25/2016	
Unnamed tributary to Garners Creek 200meters downstream at County Trunk Hwy CE (9a) (2) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 200meters downstream at County Trunk Hwy CE (9a) (2) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 200meters downstream at County Trunk Hwy CE (9a) (3) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 200meters downstream at County Trunk Hwy CE (9a) (3) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 200meters downstream at County Trunk Hwy CE (9a) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 200meters downstream at County Trunk Hwy CE (9a) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 330meters downstream at County Trunk Hwy CE (9b) (2) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 330meters downstream at County Trunk Hwy CE (9b) (2) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 330meters downstream at County Trunk Hwy CE (9b) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 330meters downstream at County Trunk Hwy CE (9b) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (2) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (2) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (3) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (3) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	

7/27/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (4) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (4) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (5) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (5) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (5022162) photo by Andrew Hudak	Unnamed tributary to Garners Creek 520meters downstream at County Trunk Hwy CE (9c) (5022162) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributay to Fox River at sunset park (5021600) photo by Andrew Hudak	Unnamed tributay to Fox River at sunset park (5021600) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	
Unnamed tributay to Fox River at sunset park (2) (5021600) photo by Andrew Hudak	Unnamed tributay to Fox River at sunset park (2) (5021600) photo by Andrew Hudak	Hudak, Andrew	6/9/2016	

Budget

Wisconsin Department of Natural Resources
SWIMS Project Summary

Budget Description: FY 16			Start Date: 1/1/2016	End Date: 6/30/2016
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	90	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	60	Hours	\$15.00	\$900.00	
LTE FR	LTE Fringe				\$222.30	
LTE IND	LTE Indirect				\$181.48	
LTE TOT	LTE Total Cost				\$1,303.78	
SUPPLY	Supplies	2		\$15.00	\$30.00	Shipping Samples to SLOH
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	200	Miles	\$0.72	\$144.00	
MEAL	Meals	12	Meals	\$10.00	\$120.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$264.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,597.78	

Total WSLH Lab Costs: \$0.00
Total Budget: \$1,597.78

Wisconsin Department of Natural Resources
SWIMS Project Summary

Budget Description: FY17			Start Date: 7/1/2016	End Date: 12/31/2016
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	150	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	150	Hours	\$15.00	\$2,250.00	
LTE FR	LTE Fringe				\$555.75	
LTE IND	LTE Indirect				\$453.69	
LTE TOT	LTE Total Cost				\$3,259.44	
SUPPLY	Supplies	4		\$15.00	\$60.00	Postage
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	400	Miles	\$0.72	\$288.00	
MEAL	Meals	18	Meals	\$10.00	\$180.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$468.00	
BUG	Bug Contracts	8		\$185.00	\$1,480.00	
OTHER	Other Contracts	1		\$200.00	\$200.00	DNI Sample
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$5,467.44	

Total WSLH Lab Costs:	\$0.00
Total Budget:	\$5,467.44
Combined Budgets:	\$7,065.22
Combined WSLH:	\$0.00
Combined Total:	\$7,065.22

Funding					
Organization	Source	Type	Amount	Start Date	End Date