

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: West_TWA_4_2014

Name: Big-Douglas and Rathbone - Soper TWA, 2017

Type: Targeted Watershed Approach

Subtype: Planning (WQ, Nine Key Element)

Status: COMPLETE

Start Date: 1/1/2014

End Date: 12/31/2015

Purpose: Western District proposes to conduct HUC 10 watershed assessment monitoring in the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. For this project we will be using the watershed delineation designated as BR03 - Big & Douglas Creeks Watershed in the Black-Buffer-Trempealeau Basin Report. [Plan Summary](http://dnr.wi.gov/water/wsSWIMSDocument.ashx?documentSeqNo=147142825) and full document: [Big-Douglas and Rathbone - Soper Creeks TWA WQM DRAFT Plan 2017](http://dnr.wi.gov/water/wsSWIMSDocument.ashx?documentSeqNo=146355415)

The BR03 watershed contains six HUC 12 watersheds. The six HUC 12 watersheds to be assessed in this project include Rathbone-Soper, Spencer-Big, Roaring-Black, Douglas, Davis-Black and Sand. Of these six watersheds, two were identified for Targeted Watershed Assessment (TWA). The Sand Creek HUC 12 watershed was identified as healthy but threatened designated for protection. The Rathbone and Soper Creeks HUC 12 watershed was identified for evaluation due to stressed biological surveys. The Rathbone - Soper HUC 12 watershed was selected as one of the TWA's for the Western District to monitor in the 2014 field season. However, funding this expanded project would essentially allow monitoring activities to be completed in another TWA located in the HUC 10 watershed. For lack of better words, more bang for the buck.

The monitoring activities will be completed by Western District staff; including but not limited to, Kurt Rasmussen, Mark Hazuga, Scott Provost, Matt Jacobson and Adam Scheunemann. This project is geographically close to Mark Hazuga's proposed HUC 10 project on Beaver Creek and would potentially allow us partner up, share resources and personnel to complete these projects as cost effectively as possible.

Data collection will include fish and qualitative habitat surveys and macroinvertebrate samples. Physical and chemical stream characteristics will also be documented during each visit. Continuous temperature loggers will be deployed where warranted.

The field work component of this project will be completed between May and November of 2014. Database updates and reports will be generated the following year when all the data becomes available.

Objective: The objective of this project is to collect information and assess the Big and Douglas Creeks HUC 10 watershed. The data will be used to evaluate and document current stream conditions and potential impairments. Fish and qualitative habitat surveys and macroinvertebrate samples will be collected at 20 sites throughout the Spencer-Big, Roaring-Black, Douglas, Davis-Black and Sand HUC 12 subwatersheds within the Big and Douglas Creeks HUC 10 watershed. The same monitoring will take place at eight sites in the Rathbone-Soper HUC 12 subwatershed using TWA funds. Growing season TP sampling (monthly May through October) will be completed at the pour point of the five HUC 12 watersheds.

All of the data collected for this project and the historic data will be assessed to evaluate the health of the watershed. This data will also be used to identify potential impairments throughout the watershed. In addition, the data will be compiled and used to update the watershed on the WATERS database for EPA reporting. Specifically 80 LTE hours are requested to complete the WATERS update for the Cunningham and O'Neil Creek Watershed. Data for this watershed was collected in 2013.

Comments:

Wisconsin Department of Natural Resources SWIMS Project Summary

Outcome: Fish and qualitative habitat surveys and macroinvertebrate samples will be collected at 20 sites throughout the Spencer-Big, Roaring-Black, Douglas, Davis-Black and Sand HUC 12 subwatersheds within the Big and Douglas Creeks HUC 10 watershed. Continuous temperature loggers will be deployed where warranted.

For FY14 this project will have 2 sampling events (1) recon/temp loggers and (2) fish and habitat. These sampling events would result in a total of four trips into the field in FY14.

For FY15 this project will also have 2 sampling events (1) finishing the fish and habitat surveys and (2) macroinvertebrate sampling/temp logger recovery. These sampling events would result in a total of eight trips into the field in FY15.

Recon and temp loggers deployment will start in late May or early June and macroinvertebrate samples will be collected in October. Fish and habitat surveys will be conducted throughout the months of June through August.

HUC 10 watershed assessment and TWA monitoring will be completed in the Big and Douglas Creeks watershed. Data will be used to evaluate and document current stream conditions and potential impairments. A final report will be generated and the WATERS database will be updated for EPA reporting.

Study Design:

QA Measures: Standard DNR and SLOH protocols were followed.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
BALDOCCHI, ANGELA K	COORDINATOR	COMPLETE	1/1/2014	12/31/2015	Wisconsin DNR	
BRUHN, CAMILLE M	TEAM_MEMBER	COMPLETE	9/13/2016	4/10/2018	Wisconsin DNR	
Everson, Jay	TEAM_MEMBER	COMPLETE	2/3/2015		Melrose-Mindoro School District	
FARROW, DAVID J	TEAM_MEMBER	COMPLETE	6/5/2014		Wisconsin DNR	
HAZUGA, MARK J	COORDINATOR	COMPLETE	1/1/2014	12/31/2014	Wisconsin DNR	
HELSEL, DANIEL R	COORDINATOR	COMPLETE	1/1/2014	12/31/2014	Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	INACTIVE	1/1/2014	12/31/2015	Wisconsin DNR	
JACOBSON, MATTHEW J	COORDINATOR	COMPLETE	1/1/2014	12/31/2014	Wisconsin DNR	
LALIBERTE, PAUL J	SUPERVISOR	COMPLETE	1/1/2014	12/31/2014	Wisconsin DNR	
RASMUSSEN, KURT	PROJECT_LEAD	COMPLETE	1/1/2014	12/31/2014	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
12/18/2013	KURT RASMUSSEN	Proposed	
12/23/2014	KURT RASMUSSEN	Progress: 25-50% Complete	Field work complete and data entry started.
11/16/2016	MARK HAZUGA	Progress: 50-75% Complete	Data summaries complete anticipate draft report during winter of 2017
8/15/2017	Lisa Helmuth	Complete	report finalized and website updated.
8/15/2017	Lisa Helmuth	Complete	report finalized and website updated.

Wisconsin Department of Natural Resources SWIMS Project Summary

Project Status Detail

Answer Set: DEFAULT

Question	Answer
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1. Number of Sample Sites (Enter the station IDs if you know them).

2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).

3. Proposed Dates for Sample Collection

4. List applicable databases and who will enter data?

5. Did you receive competitive projects funding in the previous year?

6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?

7. Reviewer Notes: Identify questions or issues with project (use during review period)

8. Reviewer Decision: Is this project recommended for funding?

Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Targeted Watershed Area (TWA)	Western District proposes to conduct HUC 10 watershed assessment monitoring in the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. For this project we will be using the watershed delineation designated as BR03 - Big & Douglas Creeks Watershed in the Black-Buffer-Trempealeau Basin Report.	1/1/2014	12/31/2015	COMPLETE
Water Quality Planning	The BR03 watershed contains six HUC 12 watersheds. The six HUC 12 watersheds to be assessed in this project include Rathbone-Soper, Spencer-Big, Roaring-Black, Douglas, Davis-Black and Sand. Of these six watersheds, two were identified for Targeted Watershed Assessment (TWA). The Sand Creek HUC 12 watershed was identified as healthy but threatened designated for protection. The Rathbone and Soper Creeks HUC 12 watershed was identified for evaluation due to stressed biological surveys. The Rathbone - Soper HUC 12 watershed was selected as one of the TWA's for the Western District to monitor in the 2014 field season	1/1/2014	12/31/2017	COMPLETE
Monitor Stressor Identification		10/13/2017		COMPLETE
Monitor Aquatic Biology		10/13/2017		PROPOSED
Monitor or Propose 303(d) Listing		10/13/2017		PROPOSED
Monitor Water Quality or Sediment		10/13/2017		COMPLETE

Monitoring Stations

Station ID	Name	Comments
423224	Big Creek at Acorn Ave	

Wisconsin Department of Natural Resources SWIMS Project Summary

10014028	Creek 2-1(Burr Oak Creek)Station 2-1958-Nw 1/4 Nw 1/4 S12-Starts At Farm Road Bridge Crossing.	
10029578	Davis Creek St. at Stetzer Rd	
10020580	Douglas Creek at Sth 54	
10032012	Douglas Creek at Vinger Road	
10015333	Mill Creek - Sandburg Rd Xing	
10042760	North Branch Douglas Creek at West Bolger Rd	
10030734	Printz Creek at Acorn Ave	
10029407	Roaring Creek at CTH H	
10029406	Roaring Creek at Cutoff Road	
10034988	Sand Cr north DNR parking lot down hill trail to water	
10008574	Sand Creek At Hwy 108	
10008571	Sand Creek Station Sommers Rd.	
10020516	Spencer Creek St. 2 Canary Ave. Crossing	
10020519	Spencer Creek St. 5 Hwy 71 Crossing	
10043079	Stillwell Creek 350 m US of Yard Road	
10042759	Unnamed Trib (1690100) to Black R at STH 54	
10021699	White Creek Upstream Cth N	
10015345	Wilson Creek - Hwy 54	
10021698	Woodward Creek Downstream Selmer Road (Farthest Downstream Crossing)	

Assessment Units

WBIC	Segment	Local Name	Official Name
1662600	1	Stillwell Creek	Stillwell Creek
1688300	1	Wilson Creek	Wilson Creek
1688500	1	Mill Creek	Mill Creek
1689100	1	Creek 2-1 (T18N, R6W)	Unnamed
1689300	1	Davis Creek	Davis Creek
1689700	1	Sand Creek	Sand Creek
1690100	1	Local Water	Unnamed
1691300	2	Douglas Creek	Douglas Creek
1691300	3	Douglas Creek	Douglas Creek
1691700	1	White Creek	White Creek
1691900	1	Woodward Creek	Woodward Creek
1692100	1	North Branch Shake Hollow Creek (30-15 Cr)	North Branch Douglas Creek
1692900	1	Big Creek	Big Creek

Wisconsin Department of Natural Resources
SWIMS Project Summary

1692900	3	Big Creek	Big Creek
1693100	1	Printz Creek	Printz Creek
1693300	1	Spencer Creek	Spencer Creek
1693300	2	Spencer Creek	Spencer Creek
1694300	1	Dustin Creek	Dustin Creek
1695200	1	Roaring Creek	Roaring Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ001	WATERSHED PLAN MONITORING	3/26/2014	12/31/2014

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
5/11/2014 8:30	COMPLETE	BC1	423224	Big Creek at Acorn Ave
5/19/2014 11:30	COMPLETE	NA	10029406	Roaring Creek at Cutoff Road
5/19/2014 12:00	COMPLETE	NA	10020580	Douglas Creek at Sth 54
5/27/2014 11:00	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
5/27/2014 11:15	COMPLETE	NA	10008574	Sand Creek At Hwy 108
6/9/2014 18:00	COMPLETE	BC1	423224	Big Creek at Acorn Ave
6/23/2014 14:00	COMPLETE	NA	10008574	Sand Creek At Hwy 108
6/23/2014 14:15	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
6/25/2014 8:30	COMPLETE	NA	10020580	Douglas Creek at Sth 54
6/25/2014 9:50	COMPLETE	NA	10029406	Roaring Creek at Cutoff Road
7/16/2014 7:10	COMPLETE	BC1	423224	Big Creek at Acorn Ave
7/22/2014 15:40	COMPLETE	NA	10029406	Roaring Creek at Cutoff Road
7/22/2014 16:00	COMPLETE	NA	10020580	Douglas Creek at Sth 54
7/29/2014 11:00	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
7/29/2014 11:00	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
7/29/2014 11:00	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
7/29/2014 11:30	COMPLETE	NA	10008574	Sand Creek At Hwy 108
8/5/2014 16:30	COMPLETE	BC1	423224	Big Creek at Acorn Ave
8/24/2014 8:15	COMPLETE	NA	10029406	Roaring Creek at Cutoff Road

5/8/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

8/24/2014 8:30	COMPLETE	NA	10020580	Douglas Creek at Sth 54
8/27/2014 16:00	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
8/27/2014 16:15	COMPLETE	NA	10008574	Sand Creek At Hwy 108
9/16/2014 16:00	COMPLETE	BCI	423224	Big Creek at Acorn Ave
9/25/2014 8:15	COMPLETE	NA	10020580	Douglas Creek at Sth 54
9/25/2014 8:30	COMPLETE	NA	10029406	Roaring Creek at Cutoff Road
9/28/2014 13:45	COMPLETE	NA	10029578	Davis Creek St. at Stetzer Rd
9/28/2014 14:00	COMPLETE	NA	10008574	Sand Creek At Hwy 108
10/21/2014	COMPLETE		10043079	Stillwell Creek 350 m US of Yard Road
10/21/2014 12:30	COMPLETE	BC1	423224	Big Creek at Acorn Ave
10/22/2014 11:30	COMPLETE	NA	10020580	Douglas Creek at Sth 54
10/22/2014 11:45	COMPLETE	NA	10029406	Roaring Creek at Cutoff Road
10/27/2014 16:45	COMPLETE	DAVIS CREEK	10029578	Davis Creek St. at Stetzer Rd
10/27/2014 17:00	COMPLETE	SAND CREEK	10008574	Sand Creek At Hwy 108
10/28/2014	COMPLETE		10020580	Douglas Creek at Sth 54
10/28/2014	COMPLETE		423224	Big Creek at Acorn Ave
10/28/2014	COMPLETE		10021698	Woodward Creek Downstream Selmer Road (Farthest Downstream Crossing)
10/28/2014	COMPLETE		10029407	Roaring Creek at CTH H
10/28/2014	COMPLETE		10021699	White Creek Upstream Cth N
10/28/2014	COMPLETE		10030734	Printz Creek at Acorn Ave
10/28/2014	COMPLETE		10042760	North Branch Douglas Creek at West Bolger Rd
10/28/2014	COMPLETE		10032012	Douglas Creek at Vinger Road
10/28/2014	COMPLETE		10020516	Spencer Creek St. 2 Canary Ave. Crossing
10/28/2014	COMPLETE		10029406	Roaring Creek at Cutoff Road
10/29/2014	COMPLETE		10042759	Unnamed Trib (1690100) to Black R at STH 54
10/29/2014	COMPLETE		10015333	Mill Creek - Sandburg Rd Xing
10/29/2014	COMPLETE		10014028	Creek 2-1(Burr Oak Creek)Station 2-1958-Nw 1/4 Nw 1/4 S12-Starts At Farm Road Bridge Crossing.
10/29/2014	COMPLETE		10020519	Spencer Creek St. 5 Hwy 71 Crossing
10/29/2014	COMPLETE		10029578	Davis Creek St. at Stetzer Rd
10/29/2014	COMPLETE		10008571	Sand Creek Station Sommers Rd.
10/29/2014	COMPLETE		10008574	Sand Creek At Hwy 108
10/29/2014	COMPLETE		10015345	Wilson Creek - Hwy 54
10/29/2014	COMPLETE		10034988	Sand Cr north DNR parking lot down hill trail to water

Documents

Wisconsin Department of Natural Resources SWIMS Project Summary

Title	Description	Author	Published	Comments
2014 Total Phosphorus Monitoring Report - Big Creek at Acorn Avenue	Watershed assessment monitoring was conducted for the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. Field data will be used to evaluate and document current stream conditions and be analyzed in conjunction with the historic data to evaluate the overall health of the watershed. Growing season samples that were analyzed for total phosphorus were collected by DNR stream biologists and WAV volunteers and will be used	Lindsey Albright	2/3/2015	
2014 Total Phosphorus Monitoring Report - Davis Creek St. at Stetzer Rd	Watershed assessment monitoring was conducted for the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. Field data will be used to evaluate and document current stream conditions and be analyzed in conjunction with the historic data to evaluate the overall health of the watershed. Growing season samples that were analyzed for total phosphorus were collected by DNR stream biologists and WAV volunteers and will be used to identify potential impairments throughout the watershed.	Lindsey Albright	2/3/2015	
2014 Total Phosphorus Monitoring Report - Douglas Creek at Hwy 54	Watershed assessment monitoring was conducted for the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. Field data will be used to evaluate and document current stream conditions and be analyzed in conjunction with the historic data to evaluate the overall health of the watershed. Growing season samples that were analyzed for total phosphorus were collected by DNR stream biologists and WAV volunteers and will be used to identify potential impairments throughout the watershed.	Lindsey Albright	2/4/2015	

Wisconsin Department of Natural Resources SWIMS Project Summary

2014 Total Phosphorus Monitoring Report - Roaring Creek at Cutoff Road	Watershed assessment monitoring was conducted for the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. Field data will be used to evaluate and document current stream conditions and be analyzed in conjunction with the historic data to evaluate the overall health of the watershed. Growing season samples that were analyzed for total phosphorus were collected by DNR stream biologists and WAV volunteers and will be used to identify potential impairments throughout the watershed.	Lindsey Albright	2/4/2015	
2014 Total Phosphorus Monitoring Report - Sand Creek at Hwy 108	Watershed assessment monitoring was conducted for the Big and Douglas Creeks watershed located in Jackson, Monroe, Trempealeau and La Crosse counties. Field data will be used to evaluate and document current stream conditions and be analyzed in conjunction with the historic data to evaluate the overall health of the watershed. Growing season samples that were analyzed for total phosphorus were collected by DNR stream biologists and WAV volunteers and will be used to identify potential impairments throughout the watershed.	Lindsey Albright	2/4/2015	
Big Creek-Douglas Creek (HUC 10) and Rathbone Creek-Soper Creek (HUC 12) Watershed TWA photo	Big Creek-Douglas Creek (HUC 10) and Rathbone Creek-Soper Creek (HUC 12) Watershed TWA project 4058bigspring_300 photo by Camille Bruhn	Bruhn, Camille	12/14/2015	
Big Douglas and Rathbone - Soper Creeks TWA WQM Plan 2017 [BR03]	Assessments and recommendations for the Watershed. Big-Douglas and Rathbone - Soper Creek TWA WQM PLAN 2017 (BR03)	Bruhn, Camille and Kurt Rasmussen	11/21/2017	
Big-Douglas and Rathbone - Soper Creeks TWA WQM Plan 2017 Presentation	Big-Douglas and Rathbone - Soper Creeks TWA WQM Plan 2017 Presentation	WDNR	8/10/2017	
Big-Douglas and Rathbone - Soper Creeks TWA WQM Plan 2017 Presentation	Big-Douglas and Rathbone - Soper Creeks TWA WQM Plan 2017 Presentation	WDNR	8/10/2017	
Blacknose Dace Soper Creek at Deerwood Rd (1693400) photo by Camille Bruhn	Blacknose Dace Soper Creek at Deerwood Rd (1693400) photo by Camille Bruhn	Bruhn, Camille	12/14/2015	

5/8/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Brook Trout from Soper Creek at Deerwood Rd (1693400) photo by Camille Bruhn	Brook Trout from Soper Creek at Deerwood Rd (1693400) photo by Camille Bruhn	Bruhn, Camille	12/14/2015	
Brook Trout from Soper Creek at Deerwood Rd (2) (1693400) photo by Camille Bruhn	Brook Trout from Soper Creek at Deerwood Rd (2) (1693400) photo by Camille Bruhn	Bruhn, Camille	12/14/2015	
Brook Trout from Soper Creek at Deerwood Rd (3) (1693400) photo by Camille Bruhn	Brook Trout from Soper Creek at Deerwood Rd (3) (1693400) photo by Camille Bruhn	Bruhn, Camille	12/14/2015	
Dustin Creek downstream from County Trunk Hwy S Temp Logger (1693400) photo by Camille Bruhn	Dustin Creek downstream from County Trunk Hwy S Temp Logger (1693400) photo by Camille Bruhn	Bruhn, Camille	4/27/2017	
Jenkins Valley Creek downstream from Dayton Ave Temp Logger (1693500) photo by Camille Bruhn	Jenkins Valley Creek downstream from Dayton Ave Temp Logger (1693500) photo by Camille Bruhn	Bruhn, Camille	4/27/2017	
Rathbone Creek at Catbird Road Decontamination (1694000) photo by Camille Bruhn	Rathbone Creek at Catbird Road Decontamination (1694000) photo by Camille Bruhn	Bruhn, Camille	8/5/2014	
Rathbone Creek downstream from Benton Road at DNR property Temp Logger (1694000) photo by Camille Bruhn	Rathbone Creek downstream from Benton Road at DNR property Temp Logger (1694000) photo by Camille Bruhn	Bruhn, Camille	4/27/2017	
Rathbone Creek downstream from Catbird Road Temp Logger (1694000) photo by Camille Bruhn	Rathbone Creek downstream from Catbird Road Temp Logger (1694000) photo by Camille Bruhn	Bruhn, Camille	4/27/2017	
Rathbone Creek upstream from 27 above pond Fish Shocking (1694000) photo by Camille Bruhn	Rathbone Creek upstream from 27 above pond Fish Shocking (1694000) photo by Camille Bruhn	Bruhn, Camille	8/5/2014	
Rathbone Creek upstream from 27 above pond Temp Logger (1694000) photo by Camille Bruhn	Rathbone Creek upstream from 27 above pond Temp Logger (1694000) photo by Camille Bruhn	Bruhn, Camille	4/27/2017	
Soper Creek above County Trunk Hwy B Temp Logger (1693400) photo by Camille Bruhn	Soper Creek above County Trunk Hwy B Temp Logger (1693400) photo by Camille Bruhn	Bruhn, Camille	4/27/2017	
Soper Creek at Carmel Ave Temp Logger (1693400) photo by Camille Bruhn	Soper Creek at Carmel Ave Temp Logger (1693400) photo by Camille Bruhn	Bruhn, Camille	6/12/2014	

5/8/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Soper Creek at Carmel Fish Shocking (1) (1693400) photo by Camille Bruhn	Soper Creek at Carmel Fish Shocking (1) (1693400) photo by Camille Bruhn		8/5/2014	
Soper Creek at Carmel Fish Shocking (2) (1693400) photo by Camille Bruhn	Soper Creek at Carmel Fish Shocking (2) (1693400) photo by Camille Bruhn	Bruhn, Camille	8/5/2014	
Soper Creek at Carmel Fish Shocking (3) (1693400) photo by Camille Bruhn	Soper Creek at Carmel Fish Shocking (3) (1693400) photo by Camille Bruhn	Bruhn, Camille	8/5/2014	
Soper Creek at Deerwood Rd (1693400) photo by Camille Bruhn	Soper Creek at Deerwood Rd (1693400) photo by Camille Bruhn	Bruhn, Camille	12/14/2015	
Soper Creek downstream from Deerwood Rd Temp Logger (1693400) photo by Camille Bruhn	Soper Creek downstream from Deerwood Rd Temp Logger (1693400) photo by Camille Bruhn		4/27/2017	
WCR_07_CMP14 status 10132016	WCR_07_CMP14 status 10 13 2016	SWIMS Reports	10/13/2016	

Budget

Budget Description: FY 2014

Start Date: 1/1/2014

End Date: 6/30/2014

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	40	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	140	Hours	\$15.00	\$2,100.00	
LTE FR	LTE Fringe				\$518.70	
LTE IND	LTE Indirect				\$423.44	
LTE TOT	LTE Total Cost				\$3,042.14	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	600	Miles	\$0.72	\$432.00	
MEAL	Meals	8	Meals	\$10.00	\$80.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$512.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$3,554.14	

Total WSLH Lab Costs: \$0.00

Total Budget: \$3,554.14

Wisconsin Department of Natural Resources
SWIMS Project Summary

Budget Description: FY 2015		Start Date: 7/1/2014	End Date: 12/31/2014
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	130	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	180	Hours	\$15.00	\$2,700.00	
LTE FR	LTE Fringe				\$666.90	
LTE IND	LTE Indirect				\$544.43	
LTE TOT	LTE Total Cost				\$3,911.33	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1200	Miles	\$0.72	\$864.00	
MEAL	Meals	21	Meals	\$10.00	\$210.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$1,074.00	
BUG	Bug Contracts	20		\$180.00	\$3,600.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$8,585.33	

Total WSLH Lab Costs: \$0.00

Total Budget: \$8,585.33

Combined Budgets: \$12,139.47

Combined WSLH: \$0.00

Combined Total: \$12,139.47

Funding					
Organization	Source	Type	Amount	Start Date	End Date