#### **General Project Information**

Project ID: East\_TWA\_6\_2017

Name: Bear Lake TWA, Waupaca County

Type: **Targeted Watershed Approach** 

Subtype: Effectiveness (BMP, Other)

Status: **COMPLETE** 

Start Date: 3/1/2017

6/30/2018 **End Date:** 

Objective:

This project will evaluate water quality improvement efforts made in the Bear Lake sub-watershed of the Lower Little Wolf Purpose:

RIver 319 Watershed by Waupaca County LWCD and NRCS.[TWA HUC12-040302021704]. This is a Section 319 project.

The Bear Lake sub-watershed was selected as a National Water Quality Initiative Pilot Project (NRCS EQIP funds) for 2017 to reduce the impact of non-point source pollutants. The sub-watershed was also one of the highest P loads in the Upper Fox-

Wolf TMDL preliminary modeling. This TWA will provide baseline water quality data in support of NRCS's and Waupaca

County's efforts. [TWA HUC 12-040302021704]

This project will collect TP and TSS samples six times (twice in May and June, once in July and October) at 9 locations in the watershed in 2017. Fish and aquatic macroinvertebrate IBI surveys will be conducted at 6 locations. Quantitative habitat assessments will be conducted at 6 locations as well. Monitoring will occur in 5 WBICs: 5018549, 5018179, 280700, 280800,

& 280100.

Comments: This is a continuation of the Lower Little Wolf River 319 TWA project in 2015. This is a one-year project.

Outcome: Water quality monitoring will be conducted at 9 locations and final report written by 12/31/2018.

> Aquatic macroinvertebrates will be collected at 6 locations in October 2017. One day of sampling and 1 day to represerve and transport to UWSP. All data will be entered into SWIMS database by UWSP staff by 12/30/2018. Quantitative Habitat surveys will be conducted at 6 locations in FY18. Three sampling days in FY18 are needed to complete this monitoring and 1 day to enter the data into database. All data will be entered into FMDB by Water Resources staff by 12/31/2017. Fish surveys will be conducted at 5 locations in FY18. Two days of sampling will be completed for the field surveys from July through September 2017. All fish data will be entered into the FMDB by Water Resources staff by 12/31/2017. Thermistors will be deployed at 6 locations from May to October 2017 to collect temperature data. Two sampling days will occur to deploy and retrieve the thermistors. All data will be uploaded into SWIMS by Water Resources staff by 12/31/2017. Inorganic chemistry (TP and TSS) monitoring will be conducted at 9 locations. Sampling will occur twice per month May and June 2017 and once per month in July and October 2017 by Water Resources Staff. All samples will be sent to Wisconsin State Lab of Hygiene for analysis and will be entered by the lab into SWIMS by 12/31/2017. A final report will be written and attached to this project by 12/31/2018.

Study Design: Water quality monitoring will be conducted at 9 locations Aquatic macroinvertebrates 6 locations in October 2017. Quantitative

Habitat surveys will be conducted at 6 locations in FY18.

Fish surveys will be conducted at 5 locations in FY18. Two days of sampling will be completed for the field surveys from July through September 2017.

hermistors will be deployed at 6 locations from May to October 2017 to collect temperature data. Two sampling days will occur to deploy and retrieve the thermistors.

Inorganic chemistry (TP and TSS) monitoring will be conducted at 9 locations.

QA Measures: Standard SOPs will be followed throughout the project.

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
BOLHA, DAVID A	COORDINATOR	ACTIVE	3/1/2017	6/30/2020	Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	INACTIVE	3/1/2017	6/30/2020	Wisconsin DNR	
Kleeman, ZACHARY K	TEAM_MEMBER	COMPLETE	3/1/2017	6/30/2018	Wisconsin DNR	

<b>Project Stat</b>	Project Statuses					
Date	Reported By	Status	Comments			
1/12/2017	DAVID BOLHA	Proposed				
12/12/2017	DAVID BOLHA	Progress: 75-100% Complete	Monitoring completed in 2017. Monitoring results will not be complete until summer 2018. Following the return of monitoring results, a project report will be completed by 12/31/2018.			
12/20/2018	DAVID BOLHA	Complete				
9/11/2019	Lisa Helmuth	Final Report Needed	Lisa to assign EGAD Numbers to :			
			Priority Watershed Water Quality Evaluation for the Lower Little Wolf River.			
			2. Bear Lake Targeted Watershed Assessment Report, Bear Lake HUC 12 Watershed is part of the Little Wolf River HUC 10.			
			3. Package reports (add text, etc.) for USEPA certification.			
9/11/2019	Lisa Helmuth	Public Comment Period	Bear Lake TWA  SWIMS Station ID Site Name Fish IBI Score Condition Category Natural Community 693151 Little Wolf River at Cth C 100 Excellent Cool-Warm Mainstem 693147 Little Wolf River at Hwy 22 Near Symco 90 Excellent Cool-Warm Mainstem 693141 Little Wolf River at Cth BB 90 Excellent Cool-Warm Mainstem 693128 Whitcomb Creek – US Cth E 70 Good Coldwater 10016223 Whitcomb Creek – Cth OO 90 Excellent Cool-Warm Mainstem 693154 North Fork Blake Creek – US Cth E 80 Good Coldwater 10013573 South Fork Blake Creek – US Cth E 100 Excellent Cool-Cold Mainstem 693129 Blake Creek at SH 22 90 Excellent Cool-Warm Mainstem 693143 Thiel Creek at Swan Rd 20 Poor Cool-Warm Mainstem 693143 Thiel Creek at Swan Rd 20 Poor Cool-Warm Mainstem 693130 Spaulding Creek at Cth G 50 Fair Coldwater 693145 Little Creek at Cth O 20 Poor Cool-Warm Mainstem 693131 Shaw Creek at Cth O 20 Poor Cool-Warm Mainstem Table 14: Fish Survey Results in the Lower Little Wolf River Watershed Conducted in July through September 2015.			

# Project Status Detail Answer Set: DEFAULT Question Answer 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

3. Proposed Dates for Sample Collection

you anticipate for this project).

- 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?

<ol><li>Reviewer Notes: Identify question during review period)</li></ol>	ns or issues with project (use			
8. Reviewer Decision: Is this project	recommended for funding?			
Actions				
Action	Detailed Description	Start Date	End Date	Status
Monitor Water Quality or Sediment	This project will evaluate water quality improvement efforts made in the Bear La sub-watershed of the Lower Little Wolf R 319 Watershed by Waupaca County LWG and NRCS.[TWA HUC12-040302021704 This is a Section 319 project.	lver CD	6/30/2018	COMPLETE
Details: Parameter	Value/Amount Ur	its Co	mments	
Total Nitrogen				
Total Phosphorus				
Total Suspended Solids	•			
Water Quality Planning	The monitoring in 2017 demonstrates wa quality in the Bear Lake Watershed range from poor to fair, indicating significant important from environmental degradation. Some of land use characteristics observed during 2017 monitoring project that can have a negative impact to the water quality of the streams in the Bear Lake Watershed wer limited buffer protection along the stream corridors, eroding streambanks, wetland drainage, cropland erosion, channelization tile drainage, presence of aquatic invasives species, and sedimentation of fish and actified habitat (Photo 1-4). There are opportunities to install practices to lower nutrients and sediment reaching the Little River. Efforts should be made to continue work with landowners, farmers, municipate the County LWCD and NRCS staff to proprotection and restoration of the streams wetlands by practices including, but not lito, streambank and buffer protection, coverops, nutrient management planning, reduced tillage, wetland restoration, and	es pacts of the the ee e e e e e e e e e e e e e e	6/30/2025	IN_PROGRESS

and sediment control basins

Total Suspended Solids

Watershed Outreach, Planning

Grant Awarded	This project will evaluate water quality improvement efforts made in the Bear Lake sub-watershed of the Lower Little Wolf RIver 319 Watershed by Waupaca County LWCD and NRCS.[TWA HUC12-040302021704]. This is a Section 319 project.	3/1/2017	6/30/2018	COMPLETE
Monitor Targeted Watershed Area (TWA)	This project will evaluate water quality improvement efforts made in the Bear Lake sub-watershed of the Lower Little Wolf RIver 319 Watershed by Waupaca County LWCD and NRCS.[TWA HUC12-040302021704]. This is a Section 319 project.	3/1/2017	6/30/2018	COMPLETE
Best Management Practices, Implement	Efforts should be made to continue to work with landowners, farmers, municipalities, the County LWCD and NRCS staff to promote protection and restoration of the streams and wetlands by practices including, but not limite to, streambank and buffer protection, cover crops, nutrient management planning, reduced tillage, wetland restoration, and water and sediment control basins	d	6/30/2018	PROPOSED
Details: Parameter	Value/Amount Units	Co	omments	
BMP Implementation				
I & E Activities				
PCBs				
Permit Modification				
Permit Modification  Products Developed: Stormwater Plan				
Products Developed:				
Products Developed: Stormwater Plan	ed:			
Products Developed: Stormwater Plan Report Writeup Stormwater Goals Address	ed:			
Products Developed: Stormwater Plan Report Writeup Stormwater Goals Address Reduce TSS Streambank & Shoreline Protection: Pollutant load	ed:			
Products Developed: Stormwater Plan Report Writeup Stormwater Goals Address Reduce TSS Streambank & Shoreline Protection: Pollutant load reduction	ed:			

Monitoring Stations				
Station ID	Name	Comments		
10048066	Fountain Creek US Symco Rd			
10048065	Little Creek at Cattle Crossing 3200m US County O			
693145	Little Creek at Cth O			
10048063	Thiel Creek US County N			
10048062	Thiel Creek US North Rail Rd			
693143	Thiel Creek at Swan Road			
10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O			

10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N	
10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd	

Assessment Units				
WBIC	Segment	Local Name	Official Name	
279700	1	Bear Lake	Bear Lake	
280100	1	Thiel Creek	Thiel Creek	
280700	1	Little Creek	Little Creek	
280800	1	Fountain Creek	Fountain Creek	
5018179	1	Unnamed Stream	Unnamed	
5018549	1	Unnamed Stream	Unnamed	

Lab Account Codes	

Account Code Description Start Date End Date

Forms				
Form Code	Form Name			
FIELD CHEMISTRY FORM	Field Chemistry Form			
INORGANIC	Inorganic Lab - Field Data			
INTEGRITY_OF_LOCAL	Local Factors Impacting Water Integrity			
MACROINVERT_BASIC	Macroinvertebrate Survey Basic Form			

Methods				
Method Code Method Description				
FISH SURVEY BASELINE PROTOCOLS	Fish Survey Baseline Protocols 2004			
MACROINVERTEBRATE BASELINE PROTOCOLS	Macroinvertebrate Baseline D-frame Kick Net 2004			
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005			

Fieldwork Events					
Start Date	Status	Field ID	Station ID	Station Name	
5/10/2017 13:40	COMPLETE	NA	693145	Little Creek at Cth O	
5/10/2017 14:00	COMPLETE	NA	10048066	Fountain Creek US Symco Rd	
5/10/2017 15:15	COMPLETE	NA	10048065	Little Creek at Cattle Crossing 3200m US County O	
5/10/2017 15:56	COMPLETE	NA	693143	Thiel Creek at Swan Road	
5/10/2017 16:15	COMPLETE	NA	10048062	Thiel Creek US North Rail Rd	
5/10/2017 16:30	COMPLETE	NA	10048063	Thiel Creek US County N	
5/10/2017 17:00	COMPLETE	NA	10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd	

5/10/2017 17:20	COMPLETE	NA	10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
5/10/2017 17:30	COMPLETE	NA	10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
5/22/2017 11:45	COMPLETE	145141019	693145	Little Creek at Cth O
5/22/2017 12:40	COMPLETE	145141011	10048066	Fountain Creek US Symco Rd
5/22/2017 13:15	COMPLETE	145141015	10048065	Little Creek at Cattle Crossing 3200m US County O
5/22/2017 13:50	COMPLETE	145141035	10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
5/22/2017 14:20	COMPLETE	145141039	10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
5/22/2017 15:15	COMPLETE	145141043	10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd
5/22/2017 15:45	COMPLETE	145141031	693143	Thiel Creek at Swan Road
5/22/2017 16:10	COMPLETE	145141027	10048062	Thiel Creek US North Rail Rd
5/22/2017 16:35	COMPLETE	145141023	10048063	Thiel Creek US County N
6/5/2017 10:00	COMPLETE	145419106	10048066	Fountain Creek US Symco Rd
6/6/2017 10:25	COMPLETE	145419114	693145	Little Creek at Cth O
6/6/2017 11:00	COMPLETE	145419110	10048065	Little Creek at Cattle Crossing 3200m US County O
6/6/2017 11:40	COMPLETE	145419130	10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
6/6/2017 11:55	COMPLETE	145419134	10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
6/6/2017 13:09	COMPLETE	145419138	10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd
6/6/2017 13:30	COMPLETE	145419126	693143	Thiel Creek at Swan Road
6/6/2017 13:45	COMPLETE	145419122	10048062	Thiel Creek US North Rail Rd
6/6/2017 14:00	COMPLETE	145419118	10048063	Thiel Creek US County N
6/20/2017 10:00	COMPLETE	NA	10048066	Fountain Creek US Symco Rd
6/20/2017 10:45	COMPLETE	NA	693145	Little Creek at Cth O
6/20/2017 11:20	COMPLETE	NA	10048065	Little Creek at Cattle Crossing 3200m US County O
6/20/2017 12:45	COMPLETE	NA	10048062	Thiel Creek US North Rail Rd
6/20/2017 13:30	COMPLETE	NA	10048063	Thiel Creek US County N
6/20/2017 14:00	COMPLETE	NA	693143	Thiel Creek at Swan Road
6/20/2017 14:30	COMPLETE	NA	10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd
6/20/2017 15:15	COMPLETE	NA	10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
6/20/2017 15:50	COMPLETE	NA	10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
7/12/2017 10:15	COMPLETE	NA	10048066	Fountain Creek US Symco Rd
7/12/2017 11:05	COMPLETE	NA	10048065	Little Creek at Cattle Crossing 3200m US County O
7/12/2017 11:45	COMPLETE	NA	693145	Little Creek at Cth O

7/12/2017 12:05	COMPLETE	NA	10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
7/12/2017 12:40	COMPLETE	NA	10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
7/12/2017 13:50	COMPLETE	NA	10048063	Thiel Creek US County N
7/12/2017 14:20	COMPLETE	NA	10048062	Thiel Creek US North Rail Rd
7/12/2017 15:00	COMPLETE	NA	693143	Thiel Creek at Swan Road
7/12/2017 15:30	COMPLETE	NA	10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd
10/11/2017	COMPLETE		10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
10/11/2017	COMPLETE		10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
10/11/2017	COMPLETE		10048062	Thiel Creek US North Rail Rd
10/11/2017	COMPLETE		10048066	Fountain Creek US Symco Rd
10/11/2017 9:25	COMPLETE	FOUNTAIN CREEK US SY	10048066	Fountain Creek US Symco Rd
10/11/2017 10:20	COMPLETE	LITTLE CREEK AT CTH	693145	Little Creek at Cth O
10/11/2017 11:30	COMPLETE	LITTLE CREEK AT CATT	10048065	Little Creek at Cattle Crossing 3200m US County O
10/11/2017 12:00	COMPLETE	UNNAMED TRIB (WBIC50	10048064	Unnamed Trib (WBIC 5018179) to Little Wolf River US County O
10/11/2017 14:10	COMPLETE	UNNAMED WETLAND DITC	10048061	Unnamed wetland ditch to Spiegelberg Cr US Cemetery Rd
10/11/2017 14:38	COMPLETE	THEIL CREEK AT SWAN	693143	Thiel Creek at Swan Road
10/11/2017 14:38	COMPLETE	UNNAMED TRIB (WBIC	10048067	Unnamed Trib (WBIC 5018549) to Little Wolf River US County N
10/11/2017 15:10	COMPLETE	THEIL CREEK US NORTH	10048062	Thiel Creek US North Rail Rd
10/11/2017 15:45	COMPLETE	THEIL CREEK US COUNT	10048063	Thiel Creek US County N
10/12/2017	COMPLETE		10048065	Little Creek at Cattle Crossing 3200m US County O
	RECEIVED		10048063	Thiel Creek US County N

Documents					
Title	Description	Author	Published	Comments	
Bear Lake Sub-Watershed 9 Key Element Report	9KE for the Bear Lake sub-watershed of the Little Wolf River HUC 10 Watershed. Approved by DNR and EPA in 2018	Waupaca County LWCD	1/1/2018		
Bear Lake TWA Plan Online		Bolha, Dave	7/28/2020		
Bear Lake, Waupaca County					
Targeted Watershed Assessment of the Bear Lake Watershed, Waupaca County, Wisconsin	Report of results from 2017 monitoring within the Bear Lake Sub-watershed of the Little Wolf River Watershed.	David Bolha, Wisconsin DNR	6/23/2020		

Budget Description:         FY2017         Start Date:         7/1/2016         End Date:         6/30/2016           Code         Description         Quantity Units         Unit Cost         Total Cost         Comments           FTE         FTE Hours         140 Hours         \$0.00         \$0.00         \$0.00           LTE SAL         LTE Salary         130 Hours         \$14.25         \$1,852.50           LTE FR         LTE Fringe         \$457.57         \$457.57           LTE IND         LTE Indirect         \$373.54         \$373.54           LTE TOT         LTE Total Cost         \$2,683.61         \$0.00           SUPPLY         Supplies         1         \$300.00         \$300.00         Alcohol, Shipping cost, id           EQUIP         Equipment         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00 <td< th=""><th>Budget</th><th></th><th></th><th></th><th></th><th></th></td<>	Budget					
FTE         FTE Hours         140 Hours         \$0.00         \$0.00           LTE SAL         LTE Salary         130 Hours         \$14.25         \$1,852.50           LTE FR         LTE Fringe         \$457.57           LTE IND         LTE Indirect         \$373.54           LTE TOT         LTE Total Cost         \$2,683.61           SUPPLY         Supplies         1         \$300.00         \$300.00         Alcohol, Shipping cost, in           EQUIP         Equipment         \$0.00         \$300.00         Alcohol, Shipping cost, in           MILEAGE         Mileage         1250 Miles         \$0.64         \$800.00           MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00         \$0.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	Budget Description: FY2017			<b>Start Date:</b> 7/1/2016		End Date: 6/30/2017
LTE SAL         LTE Salary         130 Hours         \$14.25         \$1,852.50           LTE FR         LTE Fringe         \$457.57           LTE IND         LTE Indirect         \$373.54           LTE TOT         LTE Total Cost         \$2,683.61           SUPPLY         Supplies         1         \$300.00         \$300.00 Alcohol, Shipping cost, ic           EQUIP         Equipment         \$0.00         \$0.00           MILEAGE         Mileage         1250 Miles         \$0.64         \$800.00           MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00         \$1,040.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	Code	Description	<b>Quantity Units</b>	Unit Cost	Total Cost	Comments
LTE FR         LTE Fringe         \$457.57           LTE IND         LTE Indirect         \$373.54           LTE TOT         LTE Total Cost         \$2,683.61           SUPPLY         Supplies         1         \$300.00         \$300.00         Alcohol, Shipping cost, in the supplies of the supplie	FTE	FTE Hours	140 Hours	\$0.00	\$0.00	
LTE IND         LTE Indirect         \$373.54           LTE TOT         LTE Total Cost         \$2,683.61           SUPPLY         Supplies         1         \$300.00         \$300.00         Alcohol, Shipping cost, ic           EQUIP         Equipment         \$0.00           MILEAGE         Mileage         1250 Miles         \$0.64         \$800.00           MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00         \$0.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	LTE SAL	LTE Salary	130 Hours	\$14.25	\$1,852.50	
LTE TOT         LTE Total Cost         \$2,683.61           SUPPLY         Supplies         1         \$300.00         \$300.00         Alcohol, Shipping cost, ic           EQUIP         Equipment         \$0.00           MILEAGE         Mileage         1250 Miles         \$0.64         \$800.00           MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00         \$1,040.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00         \$0.00	LTE FR	LTE Fringe			\$457.57	
SUPPLY         Supplies         1         \$300.00         \$300.00         Alcohol, Shipping cost, ic           EQUIP         Equipment         \$0.00           MILEAGE         Mileage         1250 Miles         \$0.64         \$800.00           MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00         \$1,040.00           TRAVEL         Travel Total         \$1,040.00         \$1,040.00           BUG         Bug Contracts         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00         \$0.00	LTE IND	LTE Indirect			\$373.54	
EQUIP         Equipment         \$0.00           MILEAGE         Mileage         1250 Miles         \$0.64 \$800.00           MEAL         Meals         24 Meals         \$10.00 \$240.00           LODGE         Lodging         \$0.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00 \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	LTE TOT	LTE Total Cost			\$2,683.61	
MILEAGE         Mileage         1250 Miles         \$0.64         \$800.00           MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	SUPPLY	Supplies	1	\$300.00	\$300.00	Alcohol, Shipping cost, ice
MEAL         Meals         24 Meals         \$10.00         \$240.00           LODGE         Lodging         \$0.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	EQUIP	Equipment			\$0.00	
LODGE         Lodging         \$0.00           TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	MILEAGE	Mileage	1250 Miles	\$0.64	\$800.00	
TRAVEL         Travel Total         \$1,040.00           BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	MEAL	Meals	24 Meals	\$10.00	\$240.00	
BUG         Bug Contracts         5         \$65.00         \$325.00           OTHER         Other Contracts         \$0.00           USGS         USGS Costs         \$0.00	LODGE	Lodging			\$0.00	
OTHER Other Contracts \$0.00 USGS USGS Costs \$0.00	TRAVEL	Travel Total			\$1,040.00	
USGS USGS Costs \$0.00	BUG	Bug Contracts	5	\$65.00	\$325.00	
· · · · · · · · · · · · · · · · · · ·	OTHER	Other Contracts			\$0.00	
TOTAL Total Cost (excludes SLOH) \$4,348.61	USGS	USGS Costs			\$0.00	
	TOTAL	Total Cost (excludes SLOH)			\$4,348.61	

**Total WSLH Lab Costs:** \$0.00 **Total Budget:** \$4,348.61

<b>Budget Description:</b> FY2018			Start Date	<b>?:</b> 7/1/2017	<b>End Date:</b> 6/30/2018
Code	Description	<b>Quantity Units</b>	<b>Unit Cost</b>	<b>Total Cost</b>	Comments
FTE	FTE Hours	60 Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	100 Hours	\$14.25	\$1,425.00	
LTE FR	LTE Fringe			\$351.98	
LTE IND	LTE Indirect			\$287.34	
LTE TOT	LTE Total Cost			\$2,064.31	
SUPPLY	Supplies	1	\$100.00	\$100.00	Shipping cost, ice, batteries
EQUIP	Equipment			\$0.00	
MILEAGE	Mileage	500 Miles	\$0.64	\$320.00	
MEAL	Meals	7 Meals	\$10.00	\$70.00	
LODGE	Lodging			\$0.00	
TRAVEL	Travel Total			\$390.00	
BUG	Bug Contracts	6	\$65.00	\$390.00	
OTHER	Other Contracts	1	\$200.00	\$200.00	DPI
USGS	USGS Costs			\$0.00	
TOTAL	Total Cost (excludes SLOH)			\$3,144.31	

Total WSLH Lab Costs: \$0.00

Total Budget: \$3,144.31

Combined Budgets: \$7,492.92
Combined WSLH: \$0.00
Combined Total: \$7,492.92

Funding						
Organization	Source	Туре	Amount	Start Date	End Date	