

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID:	South_TWA_4_2016
Name:	Dell Creek TWA 2016 - 2017 (Year 1)
Type:	Targeted Watershed Approach
Subtype:	Effectiveness (BMP, Other)
Status:	FINAL_RPT
Start Date:	2/10/2016
End Date:	3/1/2017
Purpose:	Monitor the status of streams and rivers in the Dell Creek section 319 funded watershed for BMP evaluation. The department needs current fish, habitat, temperature, water chemistry and macroinvertebrate data for streams in the watershed. The data will be used to determine whether these streams are achieving their attainable use in order to update the watershed tables, determine if Dell Cr. can be removed from the impaired waters list, and assess the overall health of the watershed and BMP effectiveness as required by Section 303(d) of the Clean Water Act.
Objective:	Data gathered for this project will be used to evaluate effectiveness of BMPs, update the watershed plan and stream narratives, and update information related to impaired waters listings and attainable use.
Comments:	Camels Creek (WBIC: 1297500), Beaver Cr. (WBIC: 1297300), Unnamed tributary (WBIC: 5029152), and Harrison Cr. (WBIC: 1296400) to collect fish and qualitative habitat, macroinvertebrates, continuous temperature, baseline water chemistry.
Outcome:	Fisheries, habitat, and macroinvertebrate data will be collected on 8 sites in the HUC 10 watershed. Data will be collected during the field season of the 2016 calendar year. Data will be entered into the FH database and SWIMS by December 2016 or as soon as data becomes available. Updated streams narratives and watershed report will be entered into SWIMS. Final Report will be drafted in winter, 2017/18.
Study Design:	Dell Creek (WBIC: 1295200), four sites to collect fish and qualitative habitat, flow. At two of the sites collect macroinvertebrates,, continuous temperature, baseline water chemistry, and diatom samples, and at one site near the mouth collect 6 monthly TP. One site in each of the following streams: Camels Creek (WBIC: 1297500), Beaver Cr. (WBIC: 1297300), Unnamed tributary (WBIC: 5029152), and Harrison Cr. (WBIC: 1296400) to collect fish and qualitative habitat, macroinvertebrates, continuous temperature, baseline water chemistry.
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	
Ruppert, Reese	PARTICIPANT	ACTIVE	2/10/2016	3/1/2017	WDNR	
SEARLE, GREGORY S	SUPERVISOR	COMPLETE	2/10/2016	3/1/2017	Wisconsin DNR	
Thomas, Torri	PARTICIPANT	ACTIVE	2/10/2016	3/1/2017	Wisconsin DNR	
UNMUTH, JEAN M	COORDINATOR	COMPLETE	2/10/2016	3/1/2017	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
12/15/2016	JEAN UNMUTH	Progress: 0-25% Complete	All data from 2016 entered, not yet proofed. A draft proposal to continue monitoring in the watershed in 2017 is in SWIMS under 2017 project proposals
1/13/2020	Lisa Helmuth	Final Report Needed	working on writing up report.

Project Status Detail

Actions

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Action	Detailed Description	Start Date	End Date	Status
Monitor Targeted Watershed Area (TWA)	Monitor the status of streams and rivers in the Dell Creek section 319 funded watershed for BMP evaluation. The department needs current fish, habitat, temperature, water chemistry and macroinvertebrate data for streams in the watershed. The data will be used to determine whether these streams are achieving their attainable use in order to update the watershed tables, determine if Dell Cr. can be removed from the impaired waters list, and assess the overall health of the watershed and BMP effectiveness as required by Section 303(d) of the Clean Water Act.	2/10/2016	3/1/2017	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10044149	Beaver Creek US South Ave. Bridge	
10011090	Camels Creek - Camels Creek 150 Meters Downstream From Simpson Road.	
10030032	Crooked Creek downstream of State Highway 61	
10021291	Dell Cr. 12m Upstream From Highway HH Bridge Crossing	Dell Cr.
10044736	Dell Cr. US Simon Dr.	
573187	Dell Creek at Coon Bluff Rd	
10030083	Dell Creek upstream of CTH H	
10011092	Harrison Creek - Harrison Creek 20 Meters Upstream From Mirror Lake Road.	
10047035	Unnamed Trib. (WBIC: 5028726). of Dell Cr.	
10044737	Unnamed Trib. WBIC: 5029152 of Dell Cr. US CTH HH	

Assessment Units

WBIC	Segment	Local Name	Official Name
1205600	2	Crooked Creek	Crooked Creek
1295200	3	Dell Creek	Dell Creek
1295200	4	Dell Creek	Dell Creek
1295200	5	Dell Creek	Dell Creek
1295200	6	Dell Creek	Dell Creek
1296400	1	Harrison Creek	Harrison Creek
1297300	1	Beaver Creek	Beaver Creek
1297500	1	Camels Creek	Camels Creek
5028726	1	Unnamed	Unnamed
5029152	1	Unnamed Trib to Dell Creek	Unnamed

Lab Account Codes

7/25/2024

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Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	3/26/2014	12/31/2099
WQ019	319 Project Funded TWA	3/22/2016	12/31/2016

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload
INORGANIC	Inorganic Lab - Field Data
CBSM-TEST	Macroinvertebrate Field Data
QUAL_FISH_HAB_LESS10	Qualitative Fish Habitat Less Than 10 M
WT-001-2010	Stream Baseflow Data
STREAM_CHAR	Stream Characteristics Form (Qualitative Habitat) (form 3600-183 Back)

Methods

Method Code	Method Description
AIS_STREAMS_2015	AIS Monitoring in Streams 2015
ELECTROFISHING: MULTIPLE GEAR TYPES	Electrofishing: Multiple Gear Types
FOLLOWUP_MONITORING	Followup Monitoring Study Design 2017
HESTER_DENDY	Standardized Collection and Assessment of Macroinvertebrates in Nonwadeable Rivers of Wisconsin

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/25/2016 20:00	COMPLETE		10044149	Beaver Creek US South Ave. Bridge
5/25/2016 20:00	COMPLETE		573187	Dell Creek at Coon Bluff Rd
5/25/2016 20:00	COMPLETE		10021291	Dell Cr. 12m Upstream From Highway HH Bridge Crossing
5/25/2016 20:00	COMPLETE		10030083	Dell Creek upstream of CTH H
5/25/2016 20:00	COMPLETE		10011090	Camels Creek - Camels Creek 150 Meters Downstream From Simpson Road.
5/25/2016 20:00	COMPLETE		10044736	Dell Cr. US Simon Dr.
5/25/2016 20:00	COMPLETE		10011092	Harrison Creek - Harrison Creek 20 Meters Upstream From Mirror Lake Road.
5/25/2016 20:00	COMPLETE		10047035	Unnamed Trib. (WBIC: 5028726). of Dell Cr.
6/3/2016	COMPLETE		10044736	Dell Cr. US Simon Dr.
6/7/2016	COMPLETE		10044736	Dell Cr. US Simon Dr.
6/7/2016	COMPLETE		10011090	Camels Creek - Camels Creek 150 Meters Downstream From Simpson Road.
6/7/2016 13:30	COMPLETE		10044149	Beaver Creek US South Ave. Bridge
6/7/2016 13:30	COMPLETE		10044149	Beaver Creek US South Ave. Bridge

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6/8/2016	COMPLETE		10011090	Camels Creek - Camels Creek 150 Meters Downstream From Simpson Road.
6/9/2016	COMPLETE		10021291	Dell Cr. 12m Upstream From Highway HH Bridge Crossing
6/9/2016	COMPLETE		10044737	Unnamed Trib. WBIC: 5029152 of Dell Cr. US CTH HH
6/27/2016	COMPLETE		10011092	Harrison Creek - Harrison Creek 20 Meters Upstream From Mirror Lake Road.
6/29/2016	CANCELLED		573187	Dell Creek at Coon Bluff Rd
6/29/2016 10:50	COMPLETE	H1	10011092	Harrison Creek - Harrison Creek 20 Meters Upstream From Mirror Lake Road.
6/29/2016 11:15	COMPLETE	C1	10011090	Camels Creek - Camels Creek 150 Meters Downstream From Simpson Road.
6/29/2016 11:30	COMPLETE	B1	10044149	Beaver Creek US South Ave. Bridge
6/29/2016 12:30	COMPLETE	UnTribDell1	10044737	Unnamed Trib. WBIC: 5029152 of Dell Cr. US CTH HH
6/29/2016 12:55	COMPLETE	D2	10021291	Dell Cr. 12m Upstream From Highway HH Bridge Crossing
6/29/2016 13:20	COMPLETE	D1	10044736	Dell Cr. US Simon Dr.
10/11/2016 10:00	COMPLETE	20161011-29-01	10044736	Dell Cr. US Simon Dr.
10/11/2016 10:55	COMPLETE	20161011-57-01	10030083	Dell Creek upstream of CTH H
10/11/2016 12:00	COMPLETE	20161011-57-02	573187	Dell Creek at Coon Bluff Rd
10/19/2016 10:00	COMPLETE	20161019-57-01	10011090	Camels Creek - Camels Creek 150 Meters Downstream From Simpson Road.
10/19/2016 12:00	COMPLETE	20161019-57-02	10044149	Beaver Creek US South Ave. Bridge
10/19/2016 14:00	COMPLETE	20161019-57-03	10011092	Harrison Creek - Harrison Creek 20 Meters Upstream From Mirror Lake Road.
8/23/2017 9:55	COMPLETE	CROOKC	10030032	Crooked Creek downstream of State Highway 61

Documents

Title	Description	Author	Published	Comments
2016 Total Phosphorus Monitoring Report - Dell Creek at Coon Bluff Rd	Many of Wisconsin's water quality standards require multiple visits to make an impairment decision. Every year, several streams sites are monitored, and the field data collected during each visit is used to flag problem waters. The following year, follow up monitoring is conducted at sites where our data suggests that there might be an impairment, but we do not have the minimum data requirements to make an impairment decisions based on WisCALM guidance.	Ilana Haimes	1/6/2017	
DELL CREEK AND TRIBS OERW EVALUATION	Sauk Co., entire length of creek NOT listed and approved in code NR102 as OERW, only segment 3 is listed as ERW	Van Dyck, Gene	1/24/1989	
Dell Creek Priority Watershed Project	Sauk County LWCD final report of BMP installation in Dell Cr. watershed	Brent Bergstrom (and Jean Unmuth)	3/25/2010	

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Nonpoint Source Control Plan for the Dell Creek Priority Watershed Project	Dell Creek PWS Plan - Nine Key Element Plan	Carlton Peterson	1/1/1998	
UNNAMED CREEK(ADELL CREEK), NORTH BRANCH MILWAUKEE RIVER, SHEBOYGAN COUNTY, ADELL WHEY (FORMERLY J.B. DOWNING CO.) USE DESIGNATION	Unnamed Creek(Adell Creek), North Branch Milwaukee River, Sheboygan County, Adell Whey (formerly J.B. Downing Co.) Use Designation, Multiple Authors, Water Resource Appraisal Report, Investigation and Findings Regarding Fish Kill Report, Investigation of the Adell Tributary in Conjunction with the J.B. Downing Company Discharge Report, Correspondence, Classification Recommendations, Stream Classification Worksheet, Site Map, Fish Population Report	Wawrzyn, William	12/13/2001	

Budget

Budget Description:	Dell Creek 319 TWA	Start Date:	2/10/2016	End Date:	6/30/2017
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	136	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	192	Hours	\$13.00	\$2,496.00	2 Interns from UWP
LTE FR	LTE Fringe				\$616.51	
LTE IND	LTE Indirect				\$503.29	
LTE TOT	LTE Total Cost				\$3,615.81	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1800	Miles	\$0.72	\$1,296.00	Includes trips for monitoring & SLOH
MEAL	Meals	20	Meals	\$4.00	\$80.00	Includes Intern meals - all packed lunches
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$1,376.00	
BUG	Bug Contracts	6		\$185.00	\$1,110.00	Two in Dell Cr. One each in tributary streams
OTHER	Other Contracts	2		\$150.00	\$300.00	Diatom samples
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$6,401.81	

Total WSLH Lab Costs: \$0.00

Total Budget: \$6,401.81

Combined Budgets: \$6,401.81

Combined WSLH: \$0.00

Combined Total: \$6,401.81

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Funding					
Organization	Source	Type	Amount	Start Date	End Date
US Environmental Protection Agency	Federal	CWA 319			