

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: East_TWA_3_2015
Name: Plum Creek-Fox River TWA 2015
Type: Targeted Watershed Approach
Subtype: Effectiveness (BMP, Other)
Status: FINAL_RPT
Start Date: 01/08/2015
End Date: 12/31/2015
Purpose: A non-point source implementation plan that is consistent with EPA's Nine Key Element Plan has been recently approved by EPA in Plum and Kankapot Creek Watershed. Contemporary biological and physical information within the watershed is lacking. Water Chemistry and flows have been monitored through 2 gauging stations on Plum Creek since 2010 at CTH D and New Rd.
Objective: Contemporary biological, physical, and chemical monitoring is desired within the watershed prior to significant conservation practices occurring on the landscape through this 9KE plan. Sites within the Main Branch of Plum Creek and Kankapot Creek will be evaluated using current WisCalm guidance to evaluate fish, physical habitat, macroinvertebrate community, and water chemistry on sites within these watersheds. The West Branch of the Plum Creek will be monitored and evaluated for BMP effectiveness through the 319 project funding available in 2015. A GLRI grant was awarded to install buffers and stream bank stabilization practices in the West Branch between 2011 and 2014.
Comments:
Outcome: Monthly water quality samples and a fall macroinvertebrate sample will be collected and funded at the pour points of both Plum and Kankapot Creek through the Lower Fox River citizen monitoring grant. Additionally quantitative habitat and fish surveys will be completed to complete the data collection at these 2 locations. Fish, habitat, and macroinvertebrates will be collected from and additional 16 sites in the watershed. An additional site upstream on both the Plum and Kankapot Creeks will have water chemistry samples collected by 6 times from May-October by volunteers.
Study Design: HUC 10 - 403020402
QA Measures: Standard DNR and SLOH protocols will be followed.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Helmuth, Lisa D	COORDINATOR	ACTIVE	11/23/2019		Wisconsin DNR	
Hudak, Andrew J	COORDINATOR	ACTIVE	01/08/2015	12/31/2099	Wisconsin DNR	
PAPPAS, RYAN J	COORDINATOR	ACTIVE	01/08/2015	12/31/2099	Wisconsin DNR	
Perdzock, Amanda R	COORDINATOR	ACTIVE	04/04/2018		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
02/10/2015	Andrew Hudak	Proposed	

Actions

Action	Detailed Description	Start	End Date	Status
Monitor Targeted Area	Monitoring needed on upper segments of Mud Creek. All monitoring stations located in Segment 1, no stations/ monitoring data for Segments 2 or 3.	07/01/2008		COMPLETE

Monitoring Stations

Station ID	Name	Comments
453245	Kankapot Creek - Cth Ce	
453261	Kankapot Creek - Cth Z Dodge St 100 Ft US of Bridge	
10016668	Kankapot Creek - Upstream Of Cth Kk Bridge	
053201	Plum Creek - County Highway Zz Bridge Wrightstown	
053511	Plum Creek - Cth D	

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Station ID	Name	Comments
10016599	Plum Creek - Downstream Of Cth Z - Hills Road	
10016874	Plum Creek - Upstream Of Lamers And Clancy Road	
10043676	Plum Creek 10m US ManCal Road	
10015580	Plum Creek- Upstream Of Holland Road	
10017053	Tributary To Kankapot Creek - Downstream Of Cth Gg - Militaryroad	
10016525	Tributary To Kankapot Creek - Downstream Of Schmidt Road Bridge	
10016494	Tributary To Plum Creek - Downstream Of County Line Road	
10043709	UNT to Kankapot creek 10 meters upstream Robinhood drive	
10043701	UNT to Kankapot creek 125 m downstream Schmitt Rd.	
10043750	UNT to Plum Creek 20 Meters US Holland Road	
10043749	UNT to Plum Creek 240 meters downstream CTH D	
10043708	Unnamed trib to Kankapot Cr 160 meters DS of Schmidt Rd	
10043363	Unnamed trib to Kankapot Creek 50m DS CTH KK	
10039263	Unnamed Tributary just upstream of KK	

Assessment Units

WBIC	Segment	Local Name	Official Name
125100	1	Plum Creek	Plum Creek
125100	2	Plum Creek	Plum Creek
125200	1	Local Water	Unnamed
125500	2	Unnamed Trib to Plum Cr	Unnamed
126800	1	Kankapot Creek	Kankapot Creek
126800	2	Kankapot Creek	Kankapot Creek
126900	1	Local Water	Unnamed
127000	1	Local Water	Unnamed
129500	1	Mud Creek	Mud Creek
5022241	1	Unnamed	Unnamed
5022391	1	Unnamed	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	03/26/2014	12/31/2099

Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/01/2015	COMPLETE		053511	Plum Creek - Cth D
05/01/2015	COMPLETE		10043709	UNT to Kankapot creek 10 meters upstream Robinhood drive
05/01/2015	COMPLETE		10039263	Unnamed Tributary just upstream of KK

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Start Date	Status	Field ID	Station ID	Station Name
05/01/2015	COMPLETE		10016668	Kankapot Creek - Upstream Of Cth Kk Bridge
05/01/2015	COMPLETE		10043701	UNT to Kankapot creek 125 m downstream Schmitt Rd.
05/01/2015	COMPLETE		10017053	Tributary To Kankapot Creek - Downstream Of Cth Gg - Militaryroad
05/01/2015 12:00	COMPLETE		053201	Plum Creek - County Highway Zz Bridge Wrightstown
05/18/2015 11:00	COMPLETE	UTKC-2015-5	10043363	Unnamed trib to Kankapot Creek 50m DS CTH KK
05/27/2015 11:00	COMPLETE	PCHR-2015-5	10016599	Plum Creek - Downstream Of Cth Z - Hills Road
05/27/2015 11:15	COMPLETE	TPCCLR-2015-5	10016494	Tributary To Plum Creek - Downstream Of County Line Road
06/29/2015 15:00	COMPLETE	PCHR-2015-6	10016599	Plum Creek - Downstream Of Cth Z - Hills Road
06/29/2015 15:00	COMPLETE	TPCCCR-2015-6	10016494	Tributary To Plum Creek - Downstream Of County Line Road
06/29/2015 15:00	COMPLETE	UNKC-2015-6	10043363	Unnamed trib to Kankapot Creek 50m DS CTH KK
07/20/2015	COMPLETE	UNKC-2015-7	10043363	Unnamed trib to Kankapot Creek 50m DS CTH KK
07/22/2015 11:10	COMPLETE	TPCCLR-2015-7	10016494	Tributary To Plum Creek - Downstream Of County Line Road
07/22/2015 11:15	COMPLETE	PCHR-2015-7	10016599	Plum Creek - Downstream Of Cth Z - Hills Road
08/26/2015 09:30	COMPLETE	UNKC-2015-8	10043363	Unnamed trib to Kankapot Creek 50m DS CTH KK
08/27/2015 10:45	COMPLETE	PCHR-2015-8	10016599	Plum Creek - Downstream Of Cth Z - Hills Road
08/27/2015 11:00	COMPLETE	TPCCCR-2015-8	10016494	Tributary To Plum Creek - Downstream Of County Line Road
09/26/2015 13:30	COMPLETE	UTKC-2015-9	10043363	Unnamed trib to Kankapot Creek 50m DS CTH KK
09/28/2015	COMPLETE		10043709	UNT to Kankapot creek 10 meters upstream Robinhood drive
09/28/2015	COMPLETE		10043708	Unnamed trib to Kankapot Cr 160 meters DS of Schmidt Rd
09/28/2015	COMPLETE		10039263	Unnamed Tributary just upstream of KK
09/28/2015	COMPLETE		10043676	Plum Creek 10m US ManCal Road
09/28/2015	COMPLETE		10016668	Kankapot Creek - Upstream Of Cth Kk Bridge
09/28/2015	COMPLETE		10016525	Tributary To Kankapot Creek - Downstream Of Schmidt Road Bridge
09/30/2015	COMPLETE		10043750	UNT to Plum Creek 20 Meters US Holland Road
09/30/2015	COMPLETE		10016874	Plum Creek - Upstream Of Lamers And Clancy Road
09/30/2015	COMPLETE		053511	Plum Creek - Cth D
09/30/2015	COMPLETE		10043749	UNT to Plum Creek 240 meters downstream CTH D
04/11/2016	COMPLETE		10016525	Tributary To Kankapot Creek - Downstream Of Schmidt Road Bridge

Documents

Title	Description	Author	Published	Comments
Kankapot Creek at CTH KK EOS	end of station	pappas	01/01/2015	
Kankapot Creek at CTH KK SOS	start of station	pappas	01/01/2015	
Plum Creek at CTH D EOS	end of station	pappas	01/01/2015	
Plum Creek at CTH D SOS	start of station	pappas	01/01/2015	
Plum Creek at CTH ZZ		pappas	01/01/2015	
Plum Creek at CTH ZZ Curlyleaf Pondweed	Curly leaf pondweed observed	pappas	01/01/2015	AIS
Plum Creek at CTH ZZ Purple Loosestrife	Purple loosestrife observed	pappas	01/01/2015	AIS
Plum Creek at CTH ZZ SOS	Start of station	pappas	01/01/2015	
Plum Creek at ManCal Road EOS	end of station	pappas	01/01/2015	
Plum Creek at ManCal Road	phragmites observed	pappas	01/01/2015	AIS

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Title	Description	Author	Published	Comments
Phragmites				
Plum Creek at ManCal Road SOS	start of station	pappas	01/01/2015	
Plum Creek at Vanderwetting Road		pappas	01/01/2015	
Plum and Kankapot Nine Key Element Plan		Hudak Andrew	01/01/2015	Nine Key Elements Plan
UNT to Kankapot Creek at CTH KK EOS	end of station	pappas	01/01/2015	
UNT to Kankapot Creek at CTH KK Rusty Crayfish	Rusty Crayfish Observed	pappas	01/01/2015	AIS
UNT to Kankapot Creek at CTH KK SOS	start of station	pappas	01/01/2015	
UNT to Kankapot at HWY 10 EOS	end of station	pappas	01/01/2015	
UNT to Kankapot at HWY 10 SOS	start of station	pappas	01/01/2015	
UNT to Kankapot at Robinhood Drive	looking downstream	pappas	01/01/2015	
UNT to Kankapot at Schmidt Road		pappas	01/01/2015	
UNT to Kankapot at Schmidt Road EOS	end of station	pappas	01/01/2015	
UNT to Kankapot at Schmidt Road eroded banks	Eroded banks of a tributary to Kankapot Creek	pappas	01/01/2015	
UNT to Kankapot at Schmidt Road sos	start of station	pappas	01/01/2015	
UNT to Plum Creek at CTH D EOS	end of station	pappas	01/01/2015	
UNT to Plum Creek at CTH D SOS	start of station	pappas	01/01/2015	
UNT to Plum Creek at Holland Road EOS	end of station	pappas	01/01/2015	
UNT to Plum Creek at Holland Road SOS	start of station	pappas	01/01/2015	

Budget

Budget Description: TWA-PK Budget

Start Date: 05/01/2015

End Date: 12/31/2015

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	172	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	122	Hours	\$13.00	\$1,586.00	11 Trips x 10 hrs = 12 hrs data entry
LTE FR	LTE Fringe				\$391.74	
LTE IND	LTE Indirect				\$319.80	
LTE TOT	LTE Total Cost				\$2,297.54	
SUPPLY	Supplies	6		\$25.00	\$150.00	Shipping
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1200	Miles	\$0.72	\$864.00	
MEAL	Meals	24	Meals	\$10.00	\$240.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$1,104.00	
BUG	Bug Contracts	10		\$185.00	\$1,850.00	
OTHER	Other Contracts	2		\$200.00	\$400.00	DNI Samples
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$5,801.54	

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Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
Total SLOH Lab Costs:				\$0.00	
Total Budget:				\$5,801.54	
Combined Budgets:				\$5,801.54	
Combined SLOH:				\$0.00	
Combined Total:				\$5,801.54	

Funding

Organization	Source	Type	Amount	Start Date	End Date
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