

Save...

Clear Data

**Note:** In order to fill and save this form electronically, it must be opened using Adobe Reader or Acrobat software. Save a copy of the file, open Adobe Reader, select File > Open and browse for the file you saved.

Wisconsin Department of Natural Resources  
Bureau of Watershed Management (WT/3)  
101 S. Webster Street  
PO Box 7921  
Madison, WI 53707-7921  
[dnr.wi.gov](http://dnr.wi.gov)

## Final Report

Agricultural Targeted Runoff Management &  
Notice of Discharge Grant Programs

Form 3400-189A (R 11/18)

Page 1 of 23

**NOTICE:** This document is required under s. 281.65, Wis. Stats., and chs. NR 153 and 154, Wis. Adm. Code. A final project report must be submitted as part of the final reimbursement request. Personally identifiable information contained in this form will be used for determining reimbursement eligibility in the Targeted Runoff Management and Notice of Discharge Grant Programs and will not be used for any other purpose.

**INSTRUCTIONS:** Send the completed, electronic copy of this form and all attachments to the Department of Natural Resources (DNR) Region Nonpoint Source Coordinator. Please read all instructions prior to completion.

### Grant Type

Select Grant Type **Large Scale Total Maximum Daily Load (TMDL)**

### Grant Information

Grantee - Governmental Unit Name		Grant Number	
Outagamie County		TMD-L/LF03-44000-15	
Project Name			
Plum & Kankapot Creeks			
Project Contact Name	Phone Number	E-mail Address	
Jeremy Freund	(920) 832-5076	jeremy.freund@outagamie.org	

- Loc

### Site 1 - Location & Watershed Information

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Jeff Swick		0	44.2926	-88.1926
County	12-Digit HUC	12-Digit Watershed Name		
Outagamie	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 1 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Load Reduction			Total Installation Cost
				Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	
Shaping & Seeding	190	Feet	Code(s) 15	8	16	8	\$6,576.90

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) **NRCS Direct Volume Method**

### Site 1 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

### Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 1 has been placed in county files.
- ☐ 2. The attached compliance letter for site 1:
- ☐ a. has been provided by the county to the landowner and cost-share recipient;
  - ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☐ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 1 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 1 - Information

Narrative space will expand to fit

## Final Report

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 2 - Location & Watershed Information				Additional sites may be added to the project by clicking on the [+Loc] button			
Name of Cost-Share Recipient		Animal Units		Latitude		Longitude	
Robert Stebane		0		44.2545		-88.1455	
County	12-Digit HUC	12-Digit Watershed Name					
Brown	040302040204	Plum Creek					
Nearest Receiving Waterbody		Primary Waterbody addressed by project					
Plum Creek		Plum Creek					
Site 2 - BMP & Load Reduction Information				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Waterway Systems	1	acres	Code(s) 1,9	5	10	5	\$18,400.06
Model(s)/Methods Used to Calculate Load Reduction (check all that apply)							
<input checked="" type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input checked="" type="checkbox"/> Other (specify) NRCS Direct Volume Method							
Site 2 - Compliance Requirements							
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code		Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?		
Sheet, rill, and wind erosion.	NR 151		N/A	Yes	No		
Nutrient management.	NR 151		N/A	Yes	No		
Check all of the true statements below.							
<input checked="" type="checkbox"/> 1. A copy the compliance letter for site 2 has been placed in county files.							
2. The attached compliance letter for site 2:							
<input checked="" type="checkbox"/> a. has been provided by the county to the landowner and cost-share recipient;							
<input checked="" type="checkbox"/> b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;							
<input checked="" type="checkbox"/> c. identifies the name and location of the facility where compliance has been achieved; and							
<input checked="" type="checkbox"/> d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.							
Site 2 - Required attachments							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site 2 - Information							
Narrative space will expand to fit							
<input type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

- Loc

Site 3 - Location & Watershed Information			Additional sites may be added to the project by clicking on the [+Loc] button				
Name of Cost-Share Recipient		Animal Units		Latitude		Longitude	
Vande Wetering Farms		0		44.2555		-88.1481	
County	12-Digit HUC	12-Digit Watershed Name					
Brown	040302040204	Plum Creek					



## Final Report

Nearest Receiving Waterbody <b>Plum Creek</b>				Primary Waterbody addressed by project <b>Plum Creek</b>			
<b>Site 3 - BMP &amp; Load Reduction Information</b>				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Water and Sediment Control Basins	1	No.	Code(s) 1,9	3	6	3	\$4,925.62
<b>Model(s)/Methods Used to Calculate Load Reduction (check all that apply)</b> <input checked="" type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input type="checkbox"/> Other (specify) _____							
<b>Site 3 - Compliance Requirements</b>							
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type		Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?		
Sheet, rill, and wind erosion.	NR 151		N/A	Yes	No		
Nutrient management.	NR 151		N/A	Yes	No		
<b>Check all of the true statements below.</b> <input checked="" type="checkbox"/> 1. A copy the compliance letter for site 3 has been placed in county files. 2. The attached compliance letter for site 3: <input type="checkbox"/> a. has been provided by the county to the landowner and cost-share recipient; <input type="checkbox"/> b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above; <input type="checkbox"/> c. identifies the name and location of the facility where compliance has been achieved; and <input type="checkbox"/> d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.							
<b>Site 3 - Required attachments</b>							
Check the box if the required information for the site is attached: <input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s) <input checked="" type="checkbox"/> Load reduction modeling documents <input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled <input type="checkbox"/> Water quality monitoring results/summary, if applicable							
<b>Site 3 - Information</b>							
Narrative space will expand to fit							
<input type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

- Loc

<b>Site 4 - Location &amp; Watershed Information</b>				Additional sites may be added to the project by clicking on the [+] button			
Name of Cost-Share Recipient <b>Lewis Krueger</b>		Animal Units 0	Latitude 44.2322	Longitude -88.1459			
County <b>Calumet</b>	12-Digit HUC <b>040302040204</b>	12-Digit Watershed Name <b>Plum Creek</b>					
Nearest Receiving Waterbody <b>Plum Creek</b>		Primary Waterbody addressed by project <b>Plum Creek</b>					
<b>Site 4 - BMP &amp; Load Reduction Information</b>				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Stream Crossing	24	Feet	Code(s) 15				\$630.00
<b>Model(s)/Methods Used to Calculate Load Reduction (check all that apply)</b> <input type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input checked="" type="checkbox"/> Other (specify) <b>NRCS Direct Method see reductions attachment.</b>							

## Final Report

### Site 4 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 4 has been placed in county files.
2. The attached compliance letter for site 4:
- ☐ a. has been provided by the county to the landowner and cost-share recipient;
  - ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☐ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 4 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 4 - Information

Narrative space will expand to fit

- ☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 5 - Location & Watershed Information

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Lewis Krueger		0	44.2294	-88.1752
County	12-Digit HUC	12-Digit Watershed Name		
Calumet	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 5 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Waterway Systems	1	acres	Code(s) 1,9	5	10	5	\$6,122.70

Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

- ☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☐ Other (specify) \_\_\_\_\_

### Site 5 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
Sheet, rill, and wind erosion.	NR 151	N/A	Yes	No
Nutrient management.	NR 151	N/A	Yes	No

Check all of the true statements below.

- ☒ 1. A copy the compliance letter for site 5 has been placed in county files.
2. The attached compliance letter for site 5:
- ☒ a. has been provided by the county to the landowner and cost-share recipient;



## Final Report

- ☒ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☒ c. identifies the name and location of the facility where compliance has been achieved; and
- ☒ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 5 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 5 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 6 - Location & Watershed Information

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Lewis Krueger		0	44.2319	-88.1277
County	12-Digit HUC	12-Digit Watershed Name		
Calumet	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 6 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Water and Sediment Control Basins	1	No.	Code(s) 1,9	4	9	5	\$1,919.80
Waterway Systems	3	acres	Code(s) 1,9	26	58	29	\$12,925.00

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☐ Other (specify) \_\_\_\_\_

### Site 6 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
Sheet, rill, and wind erosion.	NR 151	N/A	Yes	No
Nutrient management.	NR 151	N/A	Yes	No

Check all of the true statements below.

- ☒ 1. A copy the compliance letter for site 6 has been placed in county files.
2. The attached compliance letter for site 6:
- ☒ a. has been provided by the county to the landowner and cost-share recipient;
- ☒ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☒ c. identifies the name and location of the facility where compliance has been achieved; and
- ☒ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 6 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents

## Final Report

☒ Aerial photo map of site with BMPs labeled

☐ Water quality monitoring results/summary, if applicable

### Site 6 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 7 - Location & Watershed Information

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Lewis Krueger		0	44.2352	-88.1566
County	12-Digit HUC	12-Digit Watershed Name		
Calumet	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 7 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Water and Sediment Control Basins	1	No.	Code(s) 1,9	5	12	6	\$1,986.70
Diversions	991	Feet	Code(s) 1,9	2	4	2	\$4,525.20
Waterway Systems	1	acres	Code(s) 1,9	1	2	1	\$4,525.20

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☐ Other (specify) \_\_\_\_\_

### Site 7 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
Sheet, rill, and wind erosion.	NR 151	N/A	Yes	No
Nutrient management.	NR 151	N/A	Yes	No

### Check all of the true statements below.

- ☒ 1. A copy the compliance letter for site 7 has been placed in county files.
2. The attached compliance letter for site 7:
- ☒ a. has been provided by the county to the landowner and cost-share recipient;
  - ☒ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☒ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☒ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 7 - Required attachments

Check the box if the required information for the site is attached:

☒ Photos of pre-and post-implementation of BMP(s)

☒ Load reduction modeling documents

☒ Aerial photo map of site with BMPs labeled

☐ Water quality monitoring results/summary, if applicable

### Site 7 - Information

Narrative space will expand to fit



## Final Report

Agricultural Targeted Runoff Management &  
Notice of Discharge Grant Programs

Form 3400-189A (R 11/18)

Page 7 of 23

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 8 - Location & Watershed Information				Additional sites may be added to the project by clicking on the [+Loc] button			
Name of Cost-Share Recipient		Animal Units		Latitude		Longitude	
Lewis Krueger		0		44.2366		-88.1525	
County	12-Digit HUC	12-Digit Watershed Name					
Calumet	040302040204	Plum Creek					
Nearest Receiving Waterbody		Primary Waterbody addressed by project					
Plum Creek		Plum Creek					
Site 8 - BMP & Load Reduction Information				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Waterway Systems	1	acres	Code(s) 1,9	7	16	8	\$2,070.00
Model(s)/Methods Used to Calculate Load Reduction (check all that apply)							
<input checked="" type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input type="checkbox"/> Other (specify) _____							
Site 8 - Compliance Requirements							
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code		Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?		
Sheet, rill, and wind erosion.	NR 151		N/A	Yes	No		
Nutrient management.	NR 151		N/A	Yes	No		
Check all of the true statements below.							
<input checked="" type="checkbox"/> 1. A copy the compliance letter for site 8 has been placed in county files.							
2. The attached compliance letter for site 8:							
<input checked="" type="checkbox"/> a. has been provided by the county to the landowner and cost-share recipient;							
<input checked="" type="checkbox"/> b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;							
<input checked="" type="checkbox"/> c. identifies the name and location of the facility where compliance has been achieved; and							
<input checked="" type="checkbox"/> d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.							
Site 8 - Required attachments							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site 8 - Information							
Narrative space will expand to fit							
<input type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

- Loc

Site 9 - Location & Watershed Information		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
Lewis Krueger	0	44.2247	-88.1722
County	12-Digit HUC	12-Digit Watershed Name	
Calumet	040302040204	Plum Creek	

## Final Report

Nearest Receiving Waterbody <b>Plum Creek</b>				Primary Waterbody addressed by project <b>Plum Creek</b>			
<b>Site 9 - BMP &amp; Load Reduction Information</b>				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Water and Sediment Control Basins	1	No.	Code(s) 1,9	5	12	6	\$4,056.10
<b>Model(s)/Methods Used to Calculate Load Reduction (check all that apply)</b> <input checked="" type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input type="checkbox"/> Other (specify) _____							
<b>Site 9 - Compliance Requirements</b>							
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type		Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?		
Sheet, rill, and wind erosion.	NR 151		N/A	Yes	No		
Nutrient management.	NR 151		N/A	Yes	No		
<b>Check all of the true statements below.</b> <input checked="" type="checkbox"/> 1. A copy the compliance letter for site 9 has been placed in county files. 2. The attached compliance letter for site 9: <input checked="" type="checkbox"/> a. has been provided by the county to the landowner and cost-share recipient; <input checked="" type="checkbox"/> b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above; <input checked="" type="checkbox"/> c. identifies the name and location of the facility where compliance has been achieved; and <input checked="" type="checkbox"/> d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.							
<b>Site 9 - Required attachments</b>							
Check the box if the required information for the site is attached: <input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s) <input checked="" type="checkbox"/> Load reduction modeling documents <input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled <input type="checkbox"/> Water quality monitoring results/summary, if applicable							
<b>Site 9 - Information</b>							
Narrative space will expand to fit							
<input type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

- Loc

<b>Site 10 - Location &amp; Watershed</b>				Additional sites may be added to the project by clicking on the [+] button			
Name of Cost-Share Recipient <b>Lewis Krueger</b>		Animal Units 0	Latitude 44.2238	Longitude -88.1569			
County <b>Calumet</b>	12-Digit HUC 040302040204	12-Digit Watershed Name <b>Plum Creek</b>					
Nearest Receiving Waterbody <b>Plum Creek</b>		Primary Waterbody addressed by project <b>Plum Creek</b>					
<b>Site 10 - BMP &amp; Load Reduction Information</b>				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Waterway Systems	1	acres	Code(s) 1,9	4	10	5	\$4,134.50
<b>Model(s)/Methods Used to Calculate Load Reduction (check all that apply)</b> <input checked="" type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input type="checkbox"/> Other (specify) _____							



## Final Report

### Site 10 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
Sheet, rill, and wind erosion.	NR 151	N/A	Yes	No
Nutrient management.	NR 151	N/A	Yes	No

#### Check all of the true statements below.

- ☒ 1. A copy the compliance letter for site 10 has been placed in county files.
2. The attached compliance letter for site 10:
- ☒ a. has been provided by the county to the landowner and cost-share recipient;
  - ☒ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☒ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☒ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 10 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 10 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 11 - Location & Watershed

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Michael Beining		0	44.2545	-88.1324
County	12-Digit HUC	12-Digit Watershed Name		
Brown	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 11 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Shaping & Seeding	310	Feet	Code(s) 15	16	32	16	\$20,071.24
Rip-rapping	140	Feet	Code(s) 15	9	18	9	\$10,884.28

#### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Volume Method

### Site 11 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

#### Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 11 has been placed in county files.
2. The attached compliance letter for site 11:

## Final Report

- ☐ a. has been provided by the county to the landowner and cost-share recipient;
- ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☐ c. identifies the name and location of the facility where compliance has been achieved; and
- ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 11 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 11 - Information

*Narrative space will expand to fit*

The Beining streambank project was a project consisting of stabilizing a hillside which had been slowly been eroding into Plum Creek. The erosion was getting to the point where the landowner's yard on the top of the hill was starting to be eroded. The house is only about 35 feet from the top of this hill so stabilizing the erosion was a necessity to the landowner. The major challenge for this site was permitting. Initially there was a project proposed that would have rerouted the stream so that the stream would not constantly be in contact with the toe of the hillside. We started applying for permits and got a red flag from the DNR saying that the project would not be permitted if we moved the stream back to its historic location. So we went back to the drawing board. We came up with an idea where the stream did not need to be rerouted but still reduced the velocities hitting the toe of the hillside by increasing the available floodplain area and creating a new rock riprap streambank. The final project has been successful.

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 12 - Location & Watershed

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Lewis Krueger		0	44.2321	-88.1459
County	12-Digit HUC	12-Digit Watershed Name		
Calumet	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 12 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Load Reduction			Total Installation Cost
				Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	
Stream Crossing	28	Feet	Code(s) 15				\$2,065.00
Waterway Systems	0.54	acres	Code(s) 15	13	30	15	\$5,311.21

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☐ Other (specify) \_\_\_\_\_

### Site 12 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 12 has been placed in county files.
- ☐ 2. The attached compliance letter for site 12:
- ☐ a. has been provided by the county to the landowner and cost-share recipient;
- ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;



## Final Report

- ☐ c. identifies the name and location of the facility where compliance has been achieved; and  
☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 12 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents  
☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 12 - Information

Narrative space will expand to fit

- ☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 13 - Location & Watershed

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Morgan Long		0	44.2257	-88.1886
County	12-Digit HUC	12-Digit Watershed Name		
Calumet	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 13 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Stream Crossing	76	Feet	Code(s) 15				\$5,250.00
Shaping & Seeding	2,610	Feet	Code(s) 15	29	57	29	\$23,334.91

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

- ☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Volume Method

### Site 13 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 13 has been placed in county files.  
☐ 2. The attached compliance letter for site 13:  
☐ a. has been provided by the county to the landowner and cost-share recipient;  
☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;  
☐ c. identifies the name and location of the facility where compliance has been achieved; and  
☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 13 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents  
☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 13 - Information

## Final Report

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 14 - Location & Watershed

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
Doris Vanden Heuvel		0	44.2507	-88.1312
County	12-Digit HUC	12-Digit Watershed Name		
Brown	040302040204	Plum Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Plum Creek		Plum Creek		

### Site 14 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Waterway Systems	0.51	acres	Code(s) 1,9	6	14	7	\$7,903.00
Water and Sediment Control Basins	1	No.	Code(s) 1,9	1	1	1	\$5,701.00
Other TMDL Implementation BMP	0.76	acres	Code(s) 15	11		12	\$18,975.00

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) Assumed average 0.9 tons/acre and 1.48 lbs P/acr

### Site 14 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
Sheet, rill, and wind erosion.	NR 151	N/A	Yes	No
Nutrient management.	NR 151	N/A	Yes	No
NA - TMDL Implementation	N/A	N/A	N/A	N/A

### Check all of the true statements below.

- ☒ 1. A copy the compliance letter for site 14 has been placed in county files.
2. The attached compliance letter for site 14:
- ☒ a. has been provided by the county to the landowner and cost-share recipient;
  - ☒ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☒ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☒ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 14 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 14 - Information

Narrative space will expand to fit

This project, while not unique in the practices funded by this project, was complimented with the construction of an agricultural runoff treatment system at the outlet of the three conservation practices which was funded by the Fox-Wolf Watershed Alliance GLRI grant. The runoff from these three practices now discharges to a constructed wetland where sediment and nutrients in the runoff can be trapped all while creating riparian habitat for the wildlife.



## Final Report

☒ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 15 - Location & Watershed		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
City of Kaukauna	0	44.2707	-88.2676
County	12-Digit HUC	12-Digit Watershed Name	
Outagamie	040302040203	Kankapot Creek	
Nearest Receiving Waterbody	Primary Waterbody addressed by project		
Kankapot Creek	Kankapot Creek		

Site 15 - BMP & Load Reduction Information				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Shaping & Seeding	1,900	Feet	Code(s) 15	53	106	53	\$127,381.43
Rip-rapping	160	Feet	Code(s) 15	4	9	4	\$10,726.86
Other Stream/Shoreline Protection BMP	150	Feet	Code(s) 15	4	8	4	\$10,063.41

Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Volume Method

Site 15 - Compliance Requirements				
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 15 has been placed in county files.
- ☐ 2. The attached compliance letter for site 15:
- ☐ a. has been provided by the county to the landowner and cost-share recipient;
  - ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☐ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

Site 15 - Required attachments	
Check the box if the required information for the site is attached:	
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)	<input checked="" type="checkbox"/> Load reduction modeling documents
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled	<input type="checkbox"/> Water quality monitoring results/summary, if applicable

Site 15 - Information
<p><i>Narrative space will expand to fit</i></p> <p>The Kankapot Corridor project was one of the more unique projects that we worked on. The project consisted of almost 4,000 linear feet of streambank restoration that wove through 6 landowner's properties along Kankapot Creek. Working with that many landowners along with implementing habitat-friendly stabilization techniques led to several challenges both before and during construction.</p> <p>- The first challenge was working through the permitting aspect. Typically, permits would be required for each landowner which in this case would have meant 6x the permitting compared to a typical project. Since erosion control, DNR, and Army Corps permits were required, this would have been a lot of permitting. Working closely with all of the entities, we were able to find a way to apply for a single permit for the entire project for each entity</p> <p>- During construction, we ran into a major challenge with weather. Due to the length and difficulty of the project, the contractor projected that the construction would take over a month. Trying to find a stretch of time that long without bad</p>

## Final Report

weather in the late summer is a difficult task. About halfway through construction, the area we were working in received approximately 12" of rain in a 5 day period. There is very little you can do to protect a streambank project from that much water coming in that short of a period of time. Overall, the project held up to the extreme flooding quite well but there was some damage to the freshly shaped banks and the erosion control netting throughout the project site that needed repair.

- Another challenge was trying new stabilization techniques like toe wood structures and cross channel logs. These "woody structures" not only help with bank stabilization but also enhance habitat in the stream. Construction on these took extra time as they were new practices to both us and the contractor. They all turned out very well and we plan to use the same techniques on similar projects in the future.

Overall, the project has been a great success. A few of the landowners were so happy with the results that they asked if we could do more work on other locations that they owned.

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 16 - Location & Watershed				Additional sites may be added to the project by clicking on the [+Loc] button			
Name of Cost-Share Recipient		Animal Units		Latitude		Longitude	
James Rademaker		0		44.2671		-88.2656	
County	12-Digit HUC	12-Digit Watershed Name					
Outagamie	040302040203	Kankapot Creek					
Nearest Receiving Waterbody		Primary Waterbody addressed by project					
Kankapot Creek		Kankapot Creek					
Site 16 - BMP & Load Reduction Information				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Rip-rapping	80	Feet	Code(s) 15	2	4	2	\$9,146.32
Model(s)/Methods Used to Calculate Load Reduction (check all that apply)							
<input type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input checked="" type="checkbox"/> Other (specify) NRCS Direct Volume Method							
Site 16 - Compliance Requirements							
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code	Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?		
NA - TMDL Implementation	N/A		N/A	N/A	N/A		
Check all of the true statements below.							
<input type="checkbox"/> 1. A copy the compliance letter for site 16 has been placed in county files.							
2. The attached compliance letter for site 16:							
<input type="checkbox"/> a. has been provided by the county to the landowner and cost-share recipient;							
<input type="checkbox"/> b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;							
<input type="checkbox"/> c. identifies the name and location of the facility where compliance has been achieved; and							
<input type="checkbox"/> d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.							
Site 16 - Required attachments							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site 16 - Information							
Narrative space will expand to fit							



## Final Report

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 17 - Location & Watershed		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
Lisa Hurst	0	44.2679	-88.2657
County	12-Digit HUC	12-Digit Watershed Name	
Outagamie	040302040203	Kankapot Creek	
Nearest Receiving Waterbody	Primary Waterbody addressed by project		
Kankapot Creek	Kankapot Creek		

Site 17 - BMP & Load Reduction Information		Additional BMPs for this site may be added by clicking on the [+] button					
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Shaping & Seeding	75	Feet	Code(s) 15	2	4	2	\$1,046.36
Other Stream/Shoreline Protection BMP	1	Feet	Code(s) 15				\$2,154.14

Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Volume Method

Site 17 - Compliance Requirements				
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

☐ 1. A copy the compliance letter for site 17 has been placed in county files.

☐ 2. The attached compliance letter for site 17:

- ☐ a. has been provided by the county to the landowner and cost-share recipient;
- ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☐ c. identifies the name and location of the facility where compliance has been achieved; and
- ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

Site 17 - Required attachments

Check the box if the required information for the site is attached:

☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents

☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

Site 17 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 18 - Location & Watershed		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
Elaine Hungerford	0	44.2694	-88.2649
County	12-Digit HUC	12-Digit Watershed Name	
Outagamie	040302040203	Kankapot Creek	

## Final Report

Nearest Receiving Waterbody <b>Kankapot Creek</b>	Primary Waterbody addressed by project <b>Kankapot Creek</b>
--	---

### Site 18 - BMP & Load Reduction Information

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Load Reduction			Total Installation Cost
				Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	
Shaping & Seeding	30	Feet	Code(s) 15	1	3	1	\$2,825.00

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) **NRCS Direct Volume Method**

### Site 18 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

### Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 18 has been placed in county files.
- ☐ 2. The attached compliance letter for site 18:
- ☐ a. has been provided by the county to the landowner and cost-share recipient;
  - ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☐ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 18 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 18 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 19 - Location & Watershed

Name of Cost-Share Recipient <b>David VandeHey</b>	Animal Units 0	Latitude 44.2935	Longitude -88.1932
---	-------------------	---------------------	-----------------------

County <b>Outagamie</b>	12-Digit HUC 040302040204	12-Digit Watershed Name <b>Plum Creek</b>
----------------------------	------------------------------	--

Nearest Receiving Waterbody <b>Plum Creek</b>	Primary Waterbody addressed by project <b>Plum Creek</b>
--	---

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Load Reduction			Total Installation Cost
				Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	
Stream Crossing	113	Feet	Code(s) 15				\$5,816.20
Stream Crossing	90	Feet	Code(s) 15				\$5,572.00



## Final Report

Site 19 - BMP & Load Reduction Information				
Additional BMPs for this site may be added by clicking on the [+] button				
<b>Model(s)/Methods Used to Calculate Load Reduction (check all that apply)</b>				
<input type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input checked="" type="checkbox"/> Other (specify) NRCS Direct volume see reduction attachment.				
<b>Site 19 - Compliance Requirements</b>				
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A
<b>Check all of the true statements below.</b>				
<input type="checkbox"/> 1. A copy the compliance letter for site 19 has been placed in county files.				
<input type="checkbox"/> 2. The attached compliance letter for site 19:				
<input type="checkbox"/> a. has been provided by the county to the landowner and cost-share recipient;				
<input type="checkbox"/> b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;				
<input type="checkbox"/> c. identifies the name and location of the facility where compliance has been achieved; and				
<input type="checkbox"/> d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.				
<b>Site 19 - Required attachments</b>				
Check the box if the required information for the site is attached:				
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				
<input checked="" type="checkbox"/> Load reduction modeling documents				
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				
<input type="checkbox"/> Water quality monitoring results/summary, if applicable				
<b>Site 19 - Information</b>				
Narrative space will expand to fit				
<input type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.				

- Loc

Site 20 - Location & Watershed							
Additional sites may be added to the project by clicking on the [+Loc] button							
Name of Cost-Share Recipient		Animal Units		Latitude		Longitude	
Steve Lamers		0		44.2841		-88.2022	
County	12-Digit HUC	12-Digit Watershed Name					
Outagamie	040302040204	Plum Creek					
Nearest Receiving Waterbody		Primary Waterbody addressed by project					
Plum Creek		Plum Creek					
<b>Site 20 - BMP &amp; Load Reduction Information</b>							
Additional BMPs for this site may be added by clicking on the [+] button							
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Stream Crossing	49	Feet	Code(s) 15				\$4,398.60
<b>Model(s)/Methods Used to Calculate Load Reduction (check all that apply)</b>							
<input checked="" type="checkbox"/> STEPL <input type="checkbox"/> SNAP+ <input type="checkbox"/> BARNY <input type="checkbox"/> RUSLE 2 <input checked="" type="checkbox"/> Other (specify) See reductions attachment.							
<b>Site 20 - Compliance Requirements</b>							
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?			
NA - TMDL Implementation	N/A	N/A	N/A	N/A			
<b>Check all of the true statements below.</b>							
<input type="checkbox"/> 1. A copy the compliance letter for site 20 has been placed in county files.							
<input type="checkbox"/> 2. The attached compliance letter for site 20:							

## Final Report

- ☐ a. has been provided by the county to the landowner and cost-share recipient;
- ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☐ c. identifies the name and location of the facility where compliance has been achieved; and
- ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 20 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s)
- ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled
- ☐ Water quality monitoring results/summary, if applicable

### Site 20 - Information

Narrative space will expand to fit

- ☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 21 - Location & Watershed

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient		Animal Units	Latitude	Longitude
John Cummings		0	44.2697	-88.2651
County	12-Digit HUC	12-Digit Watershed Name		
Outagamie	040302040203	Kankapot Creek		
Nearest Receiving Waterbody		Primary Waterbody addressed by project		
Kankapot Creek		Kankapot Creek		

### Site 21 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Rip-rapping	45	Feet	Code(s) 15	1	3	1	\$4,825.00

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

- ☐ STEPL
- ☐ SNAP+
- ☐ BARNY
- ☐ RUSLE 2
- ☒ Other (specify) NRCS Direct Volume Method

### Site 21 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 21 has been placed in county files.
- 2. The attached compliance letter for site 21:
  - ☐ a. has been provided by the county to the landowner and cost-share recipient;
  - ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☐ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 21 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s)
- ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled
- ☐ Water quality monitoring results/summary, if applicable

### Site 21 - Information



## Final Report

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 22 - Location & Watershed		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
Matt Behnke	0	44.2727	-88.1553
County	12-Digit HUC	12-Digit Watershed Name	
Brown	040302040204	Plum Creek	
Nearest Receiving Waterbody	Primary Waterbody addressed by project		
Plum Creek	Plum Creek		

Site 22 - BMP & Load Reduction Information				Additional BMPs for this site may be added by clicking on the [+] button			
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Stream Crossing	70	Feet	Code(s) 15				\$8,000.00
Shaping & Seeding	60	Feet	Code(s) 15	3	5	3	\$5,530.33
Rip-rapping	282	Feet	Code(s) 15	13	25	13	\$25,992.51

Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Volume Method

Site 22 - Compliance Requirements				
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

☐ 1. A copy the compliance letter for site 22 has been placed in county files.

☐ 2. The attached compliance letter for site 22:

- ☐ a. has been provided by the county to the landowner and cost-share recipient;
- ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☐ c. identifies the name and location of the facility where compliance has been achieved; and
- ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

Site 22 - Required attachments

Check the box if the required information for the site is attached:

☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents

☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

Site 22 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

## Final Report

Agricultural Targeted Runoff Management &  
Notice of Discharge Grant Programs

Form 3400-189A (R 11/18)

Page 20 of 23

- Loc

Site 23 - Location & Watershed		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
Dan VandenWyngaard	0	44.2704	-88.2653
County	12-Digit HUC	12-Digit Watershed Name	
Outagamie	040302040203	Kankapot Creek	
Nearest Receiving Waterbody	Primary Waterbody addressed by project		
Kankapot Creek	Kankapot Creek		

Site 23 - BMP & Load Reduction Information		Additional BMPs for this site may be added by clicking on the [+] button					
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Shaping & Seeding	1,100	Feet	Code(s) 15	31	61	31	\$42,841.56
Rip-rapping	170	Feet	Code(s) 15	5	10	5	\$13,310.45
Other Stream/Shoreline Protection BMP	60	Feet	Code(s) 15	2	3	2	\$1,274.97

Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☐ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Volume Method

Site 23 - Compliance Requirements				
Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

Check all of the true statements below.

☐ 1. A copy the compliance letter for site 23 has been placed in county files.

☐ 2. The attached compliance letter for site 23:

- ☐ a. has been provided by the county to the landowner and cost-share recipient;
- ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
- ☐ c. identifies the name and location of the facility where compliance has been achieved; and
- ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

Site 23 - Required attachments

Check the box if the required information for the site is attached:

☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents

☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

Site 23 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

Site 24 - Location & Watershed		Additional sites may be added to the project by clicking on the [+Loc] button	
Name of Cost-Share Recipient	Animal Units	Latitude	Longitude
Robert Huebner	0	44.2727	-88.213
County	12-Digit HUC	12-Digit Watershed Name	
Outagamie	040302040204	Plum Creek	
Nearest Receiving Waterbody	Primary Waterbody addressed by project		
Plum Creek	Plum Creek		



## Final Report

### Site 24 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Waterway Systems	0.2	acres	Code(s) 15	4	8	4	\$10,498.72

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☐ Other (specify) \_\_\_\_\_

### Site 24 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
NA - TMDL Implementation	N/A	N/A	N/A	N/A

### Check all of the true statements below.

- ☐ 1. A copy the compliance letter for site 24 has been placed in county files.
- ☐ 2. The attached compliance letter for site 24:
- ☐ a. has been provided by the county to the landowner and cost-share recipient;
  - ☐ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☐ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☐ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 24 - Required attachments

Check the box if the required information for the site is attached:

- ☐ Photos of pre-and post-implementation of BMP(s) ☐ Load reduction modeling documents
- ☐ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 24 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

- Loc

### Site 25 - Location & Watershed

Additional sites may be added to the project by clicking on the [+Loc] button

Name of Cost-Share Recipient			Animal Units	Latitude	Longitude		
Marvin Biese			0	44.3096	-88.1784		
County	12-Digit HUC	12-Digit Watershed Name					
Brown	040302040204	Plum Creek					
Nearest Receiving Waterbody			Primary Waterbody addressed by project				
Plum Creek			Plum Creek				
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr	Total Installation Cost
Stream Crossing	143	Feet	Code(s) 15				\$15,238.03
Stream Crossing	114	Feet	Code(s) 15				\$14,454.30
Stream Crossing	132	Feet	Code(s) 15				\$15,237.96
Stream Crossing	120	Feet	Code(s) 15				\$21,392.34

## Final Report

### Site 25 - BMP & Load Reduction Information

Additional BMPs for this site may be added by clicking on the [+] button

-	Other Stream/Shoreline Protection BMP	34	Feet	Code(s) 15				\$1,299.41
-	Other Stream/Shoreline Protection BMP	31	Feet	Code(s) 15				\$1,299.41
-	Other Stream/Shoreline Protection BMP	31	Feet	Code(s) 15				\$1,299.41
-	Other Stream/Shoreline Protection BMP	37	Feet	Code(s) 15				\$1,299.41
-	Other Stream/Shoreline Protection BMP	29	Feet	Code(s) 15				\$1,299.41
-	Other Stream/Shoreline Protection BMP	29	Feet	Code(s) 15				\$5,386.13
-	Other Stream/Shoreline Protection BMP	1,600	Feet	Code(s) 15	35	70	35	\$20,003.00
-	Critical Area Stabilization	0.47	acres	Code(s) 1,9	4	7	4	\$5,039.90
-	Critical Area Stabilization	0.12	acres	Code(s) 15	7	17	8	\$7,816.29

### Model(s)/Methods Used to Calculate Load Reduction (check all that apply)

☒ STEPL ☐ SNAP+ ☐ BARNY ☐ RUSLE 2 ☒ Other (specify) NRCS Direct Method

### Site 25 - Compliance Requirements

Performance Standard or Prohibition Addressed	Chs. NR 151 or 243 Wis. Adm. Code Notice Type	Notice Letter Attached?	Compliance Achieved?	Compliance letter attached?
Nutrient management.	NR 151	N/A	Yes	No
NA - TMDL Implementation	N/A	N/A	N/A	N/A

### Check all of the true statements below.

- ☒ 1. A copy the compliance letter for site 25 has been placed in county files.
2. The attached compliance letter for site 25:
- ☒ a. has been provided by the county to the landowner and cost-share recipient;
  - ☒ b. identifies each of the performance standards & prohibitions (PS&Ps) on cropland and livestock facilities brought into compliance by the project, and listed in the table above;
  - ☒ c. identifies the name and location of the facility where compliance has been achieved; and
  - ☒ d. states that the landowner is obligated to maintain compliance with each PS&P addressed by the project in perpetuity regardless of future cost sharing.

### Site 25 - Required attachments

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
- ☒ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

### Site 25 - Information

Narrative space will expand to fit

☐ DNR may use this site as a success story to meet state and federal reporting needs.

+ Loc

### Additional Project Information and/or Comments

Narrative space will expand to fit

Total Reduction for Stream Crossings (4) TP (.24 lbs/yr), Nitrogen (.48lbs/yr), TSS (.24 tons/yr)

Total Reduction for Other Stream/Shoreline Protections (6) TP (2.06 lbs/yr), Nitrogen (4.12 lbs/yr), TSS (2.06 tons/yr)



## Final Report

--

### Grantee Certification

A responsible government official (authorized signatory) must authorize and date the final report form prior to submittal to DNR.

I certify that, to the best of my knowledge, the project is complete and the information contained in this final report and attachments are correct and true.

Name of Authorized Government Official	Title of Authorized Government Official	Date

### For DNR Use Only

☐ Received complete reports with all attachments      ☐ Practices implemented were consistent with the grant agreement

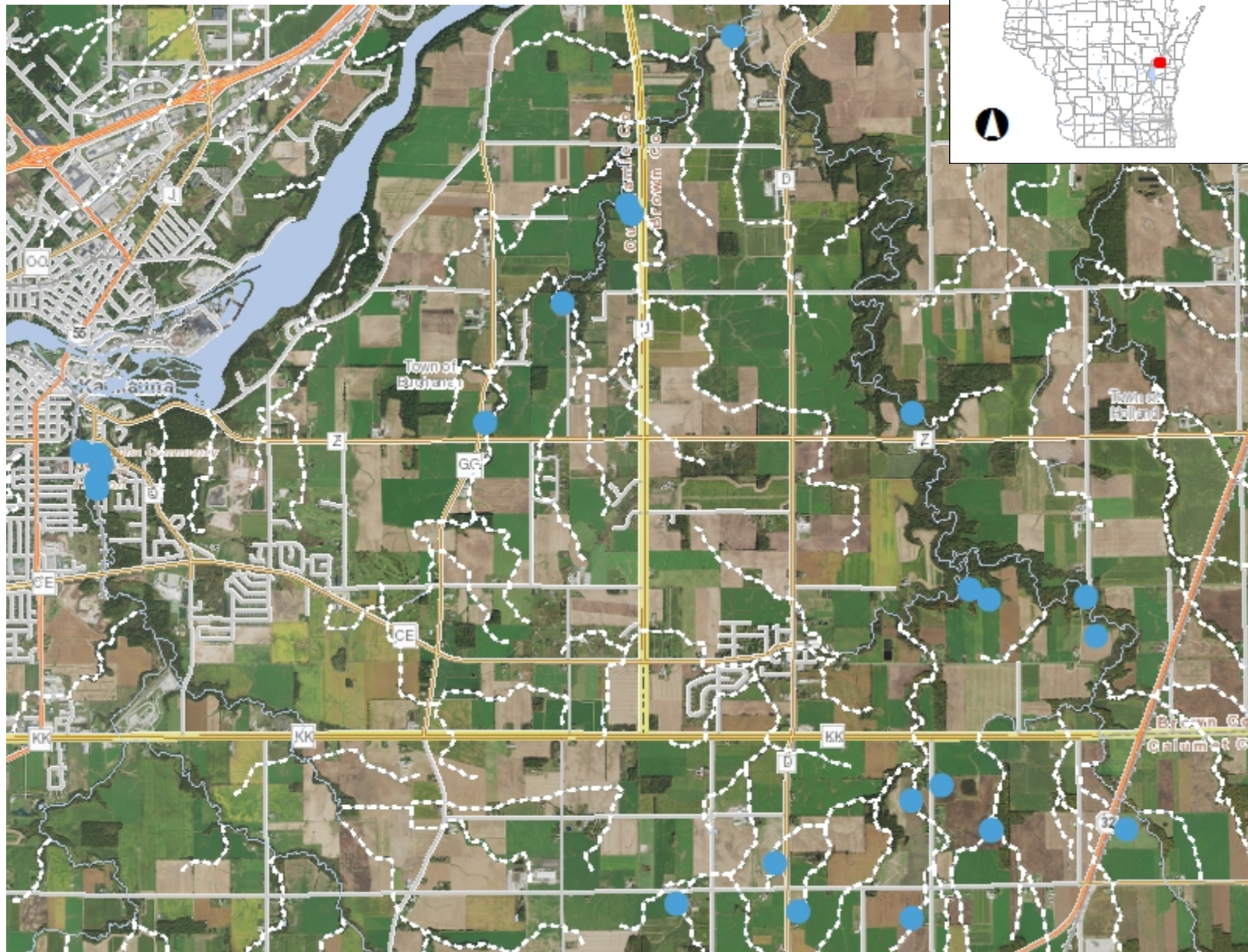
Comments about this project:

--
















Name of Region Nonpoint Source Coordinator	Date

Send the Final Report and attachments to the Community Financial Assistance Grants Manager and to the Runoff Management Grant Coordinator. Keep a printed copy for the Region file.

## Plum & Kankapot Creeks - Site Locations



### Legend

-  24K Hydrography Streams and Rivers
-  24K Hydrography Lakes and Open Water
-  Municipality
-  State Boundaries
-  County Boundaries
- Major Roads**
  -  Interstate Highway
  -  State Highway
  -  US Highway
- County and Local Roads**
  -  County HWY
  -  Local Road
-  Railroads
-  Tribal Lands
-  Rivers and Streams
-  Intermittent Streams
-  Lakes and Open water

## Notes

2.0                      0                      1.00                      2.0 Miles

NAD\_1983\_HARN\_Wisconsin\_TM

1: 63,360

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>



# FINAL REPORT

For:

Plum and Kankapot Creeks Large Scale TMDL TRM

Grant #:

*TMD-L/LF03-44000-15*

Prepared By:

Outagamie County Land Conservation Department  
3365 W. Brewster St., Appleton, WI 54914

May 12, 2019

## Introduction

The Plum and Kankapot large scale total maximum daily load (TMDL) grant (grant number TMD-L/LF03-44000-15) was awarded to Outagamie County on January 1, 2015 and went through March 12, 2019. The total grant amount was \$999,966. Table 1 summarizes the pollutant reductions of the installed BMPs as modeled. Note that the structural practices are considered cumulative as the annual loading no longer occurs due to permanent stabilization. The annual load reduction for that year's practices is in brackets.

*Table 1: Summary of Reductions*

BMP Type	2015		2016		2017		2018	
	TSS (tons)	Total P (lbs)	TSS (tons)	Total P (lbs)	TSS (tons)	Total P (lbs)	TSS (tons)	Total P (lbs)
Structural	0	0	11.1	10.7	82.7 [71.6]	73.9 [63.2]	328.1 [245.4]	315.1 [241.2]
Cropping	48.8	284.6	107.4	719.6	138.5	919.6	166.0	1,384.9
Total	48.8	284.6	118.5	730.3	210.1	982.8	494.1	1,700.0

The following pages are the required attachments from the Final Report form 3400-189A. The first section includes the load reduction modeling assumptions and results; followed by, the pre-and post-implementation photos along with aerial photo map(s) for each of the sites from the final report.

## Streambank Stabilization

Streambank stabilization practice reductions were calculated using the NRCS Direct Volume Method. This was the method used to estimate streambank erosion loading for the 9 Key Element plan.

Soil Density: Used 70 Volume Weight as average of silt/clay soil texture values, see Figure 1.

*Figure 1: Soil Density*

Soil Texture	Volume-Weight
Gravel	110
Sand	105
Fine Sandy Loam	100
Loamy Sand	100
Sandy Loam	100
Loam	90
Sandy Clay Loam	90
Clay Loam	85
Silt Loam	85
Silty Clay	85
Silty Clay Loam	85
Silt	80
Clay	65
Organic	22



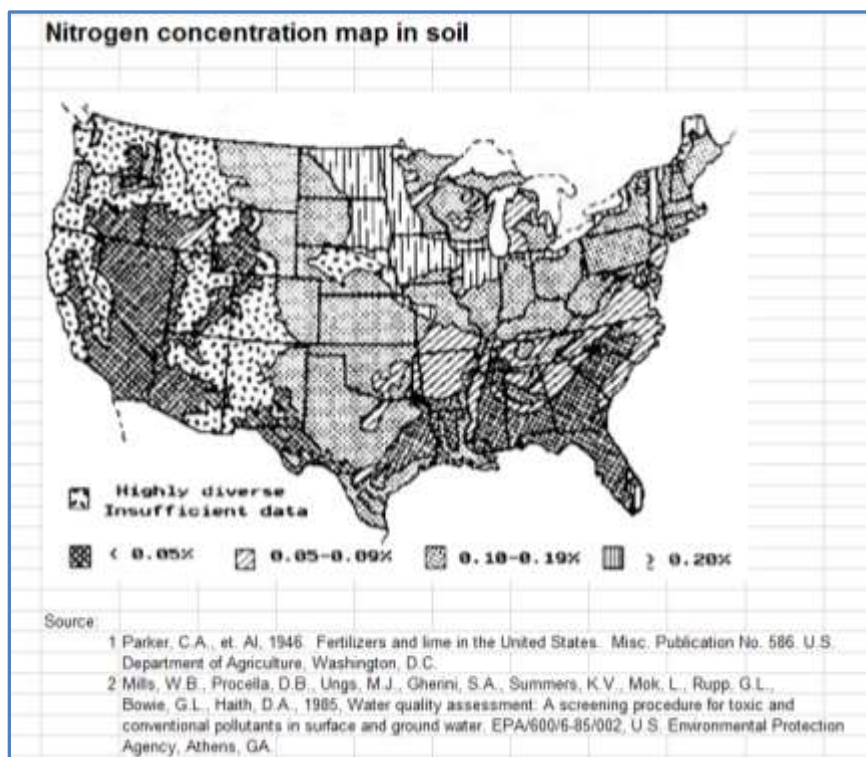
Lateral Recession based on descriptions below in Figure 2:

Figure 2: Lateral Recession Description

Lateral Recession Rate (ft/yr)	Category	Description
0.01-0.05	Slight	<u>Some</u> bare bank but active erosion not readily apparent. Some rills but no vegetative overhang. No exposed tree roots.
0.06-0.2	Moderate	Bank is predominantly bare with some rills and vegetative overhang. Some exposed tree roots but no slumps or slips.
0.3-0.5	Severe	Bank is bare with rills and severe vegetative overhang. Many exposed tree roots and some fallen trees and slumps or slips. Some changes in cultural features such as fence corners missing and realignment of roads or trails. Channel cross section becomes U-shaped as opposed to V-shaped.
0.5+	Very Severe	Bank is bare with gullies and severe vegetative overhang. Many fallen trees, drains and culverts eroding out and changes in cultural features as above. Massive slips or washouts common. Channel cross section is U-shaped and stream course may be meandering.

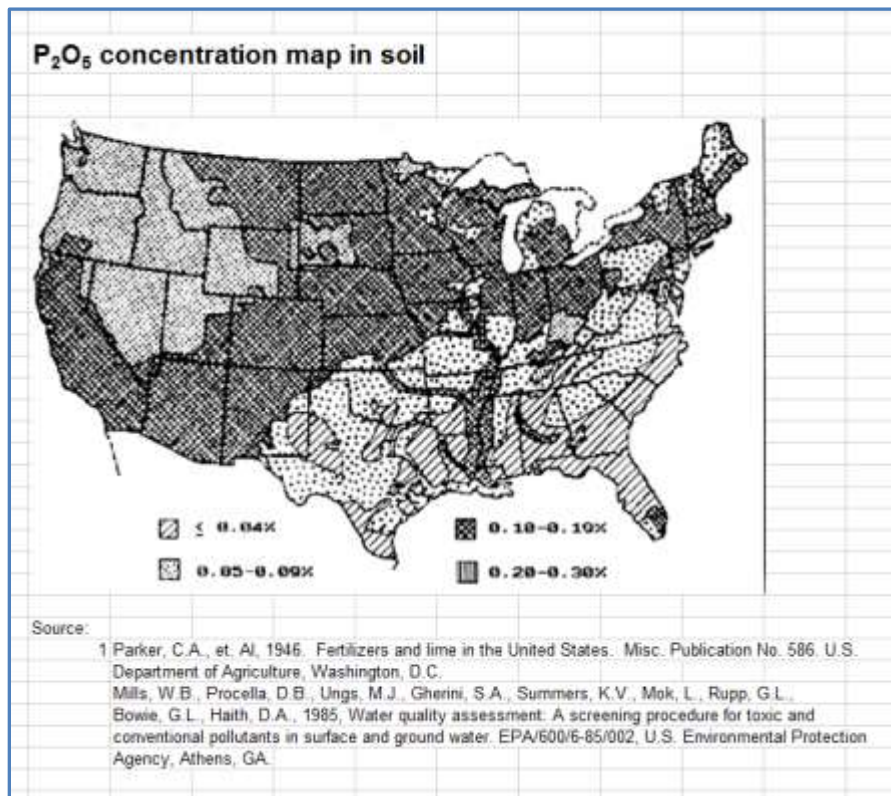
Nitrogen: ~ 2 lb Nitrogen/ ton of sediment based on Figure 3 below.

Figure 3: Nitrogen Concentration Map



Phosphorus: ~ 1 lb Phosphorus/ton of sediment based on Figure 4 below.

Figure 4: Phosphate Concentration Map



NRCS Direct Volume Method Calculations were used for the following practices:

- Shaping & Seeding
- Line Waterway
- Stream Crossing
- Rip-rapping
- Other Streambank/Shoreline Stabilization
- Critical Area Stabilization

Table 2 below shows the calculations for pollutant reductions along with the total reductions:



Table 2: Streambank Stabilization Reduction Calculations

Name	DESC	Site # on Report	length (ft)	avg bank height (ft)	lateral recession rate (ft/yr)	Soil Texture Density	Erosion (tons/year)	TSS Load Reduction (tons/yr)	Phosphorus Load Reduction (lbs/yr)	Nitrogen (lbs/yr)
Jeff Swick	Shaping & Seeding	1	190	5	0.3	70	9.98	7.98	7.98	15.96
<b>2016 Subtotal</b>								<b>8.0</b>	<b>8.0</b>	<b>16.0</b>
Robert Stebane	Lined Waterway	2	200	2	0.13	70	1.82	1.46	1.46	2.91
Lewis Krueger	Stream Crossing	4	34	0.5	0.13	70	0.08	0.06	0.06	0.12
<b>2017 Subtotal</b>								<b>1.5</b>	<b>1.5</b>	<b>3.0</b>
Michael Beiring	Shaping & Seeding	11						15.96	15.96	31.92
	Bank 1	11	250	4	0.3	70	10.50	8.40	8.40	16.80
	Bank 2	11	60	15	0.3	70	9.45	7.56	7.56	15.12
Michael Beiring	Rip-rapping	11	90	4	0.3	70	3.78	3.02	3.02	6.05
Michael Beiring	Rip-rapping	11	50	4	0.3	70	2.10	1.68	1.68	3.36
Morgan Long	Shaping & Seeding	13	2610	3	0.13	70	35.63	28.50	28.50	57.00
City of Kaukauna	Shaping & Seeding	15	1900	5	0.2	70	66.50	53.20	53.20	106.40
City of Kaukauna	Rip-rapping	15	160	5	0.2	70	5.60	4.48	4.48	8.96
City of Kaukauna	Other Stream/Shore	15	150	5	0.2	70	5.25	4.20	4.20	8.40
James Rademaker	Rip-rapping	16	80	5	0.2	70	2.80	2.24	2.24	4.48
Lisa Hurst	Shaping & Seeding	17	75	5	0.2	70	2.63	2.10	2.10	4.20
Elaine Hungerford	Shaping & Seeding	18	30	5	0.2	70	1.05	0.84	0.84	1.68
John Cummings	Rip-rapping	21	45	5	0.2	70	1.58	1.26	1.26	2.52
Dave Vandehey	Stream Crossing	19	24	3	0.13	70	0.33	0.26	0.26	0.52
Dave Vandehey	Stream Crossing	19	24	4	0.13	70	0.44	0.35	0.35	0.70
Dan VandenWyngaert	Shaping & Seeding	23	1100	5	0.2	70	38.50	30.80	30.80	61.60
Dan VandenWyngaert	Rip-rapping	23	170	5	0.2	70	5.95	4.76	4.76	9.52
Dan VandenWyngaert	Other Stream/Shore	23	60	5	0.2	70	2.10	1.68	1.68	3.36
Matt Behnke	Shaping & Seeding	22	60	8	0.2	70	3.36	2.69	2.69	5.38
Matt Behnke	Rip-rapping	22	282	8	0.2	70	15.79	12.63	12.63	25.27
Marv Biese	Other Stream/Shore	25	3200	3	0.13	70	43.68	34.94	34.94	69.89
Marv Biese	Stream Crossing	25	32	2	0.03	70	0.07	0.05	0.05	0.11
Marv Biese	Stream Crossing	25	32	2	0.03	70	0.07	0.05	0.05	0.11
Marv Biese	Stream Crossing	25	32	4	0.03	70	0.13	0.11	0.11	0.22
Marv Biese	Stream Crossing	25	32	1	0.03	70	0.03	0.03	0.03	0.05
Marv Biese	Other Stream/Shore	25	34	3	0.13	70	0.46	0.37	0.37	0.74
Marv Biese	Other Stream/Shore	25	31	4	0.13	70	0.56	0.45	0.45	0.90
Marv Biese	Other Stream/Shore	25	31	1.5	0.13	70	0.21	0.17	0.17	0.34
Marv Biese	Other Stream/Shore	25	37	4	0.13	70	0.67	0.54	0.54	1.08
Marv Biese	Other Stream/Shore	25	29	2	0.13	70	0.26	0.21	0.21	0.42
Marv Biese	Other Stream/Shore	25	29	3	0.13	70	0.40	0.32	0.32	0.63
Marv Biese	Critical Area Stab	25	650	1.5	0.13	70	4.44	3.55	3.55	7.10
<b>2018 Subtotal</b>								<b>227.4</b>	<b>227.4</b>	<b>454.8</b>
<b>GRANT REDUCTIONS FROM STREAMBANK STABILIZATION TOTALS</b>								<b>236.9</b>	<b>236.9</b>	<b>473.8</b>

## Gully Stabilization

Gully stabilization practice reductions were calculated in STEPL using the Gully tab. In this report this includes:

- WASCOB
- Waterway Systems (including crossings if part of the system)
- Diversions

Table 3 below shows the calculations for pollutant reductions along with the total reductions.

*Table 3: Gully Stabilization Reduction Calculations*

Name	DESC	Site # on Report	Top Width (ft)	Btm Width (ft)	Depth (ft)	Length (ft)	Years to Form	BMP Eff. (0-1)	Soil Texture	Soil Dry Weight (ton/ft <sup>3</sup> )	TSS Load Red. (T/yr)	Total P Load Red. (lbs/yr)	Total N Load Red. (lb/yr)
Vandewettering	WASCOB	3	4	3	3	100	10	0.7	Silt Lo	0.0425	3.12	2.75	6.25
<b>2016 Subtotal</b>											<b>3.1</b>	<b>2.7</b>	<b>6.2</b>
Robert Stebane	Waterway Systems	2	1	1	1	561	5	0.7	Silt Lo	0.0425	3.34	2.94	6.68
Lewis Krueger	Waterway Systems	5	1	0.75	0.5	400	1	0.7	Silt Lo	0.0425	5.21	4.58	10.41
Lewis Krueger	Waterway Systems	6	1.5	1	0.5	1570	1	0.7	Silt Lo	0.0425	29.19	25.69	58.38
Lewis Krueger	WASCOBS	6	1	1	0.5	315	1	0.7	Silt Lo	0.0425	4.69	4.12	9.37
Lewis Krueger	WASCOBS	7	1	1	0.5	390	1	0.7	Silt Lo	0.0425	5.80	5.11	11.60
Lewis Krueger	Diversions	7	0.5	0.5	0.5	285	1	0.7	Silt Lo	0.0425	2.12	1.87	4.24
Lewis Krueger	Waterway Systems	7	1	1	0.5	70	1	0.7	Silt Lo	0.0425	1.04	0.92	2.08
Lewis Krueger	Waterway Systems	8	1	0.75	0.5	600	1	0.7	Silt Lo	0.0425	7.81	6.87	15.62
Lewis Krueger	WASCOB	9	1	0.75	0.5	470	1	0.7	Silt Lo	0.0425	6.12	5.38	12.23
Lewis Krueger	Waterway Systems	10	1	0.5	0.5	430	1	0.7	Silt Lo	0.0425	4.80	4.22	9.59
<b>2017 Subtotal</b>											<b>70.1</b>	<b>61.7</b>	<b>140.2</b>
Lewis Krueger	Waterway Systems	12	3	2	1	1000	5	0.7	Silt Lo	0.0425	14.88	13.09	29.75
Vanden Heuvel	Waterway Systems	14	0.5	0.5	0.5	919	1	0.7	Silt Lo	0.0425	6.84	6.01	13.67
Vanden Heuvel	WASCOB	14	1	1	1	115	5	0.7	Silt Lo	0.0425	0.68	0.60	1.37
R. Huebner	Waterway Systems	24	2.5	2	1.5	400	10	0.7	Silt Lo	0.0425	4.02	3.53	8.03
Marv Biese	Critical Area Stab	25	0.5	0.5	0.5	1130	1	0.7	Silt Lo	0.0425	8.40	7.40	16.81
Steve Lamers	Crossing	20	0.5	0.5	0.5	140	5	0.7	Silt Lo	0.0425	0.21	0.18	0.42
<b>2018 Subtotal</b>											<b>35.0</b>	<b>30.8</b>	<b>70.0</b>
<b>GRANT REDUCTIONS FROM GULLY STABILIZATION TOTALS</b>											<b>108.3</b>	<b>95.3</b>	<b>216.5</b>



### Cropping Practices:

Cropping practice reductions were calculated using the baseline STEPL model numbers for cropland used in the 9 Key Element plan.

Baseline Loading (STEPL 9 Key Modeling)

Landuse	TP (lbs/acre)	TSS (tons/acre)
Cropland	1.7	0.175

BMP Efficiency Used:

Cover Crop: P 0.32 TSS 0.15

Residue Management: P 0.45 TSS 0.75

Cropping Practices in this report this includes:

- Cover Crops
- Residue Management

Table 4 below shows the calculations for pollutant reductions along with the total reductions.

*Table 4 : Cropping Practice Reductions*

Year	Practice	Acres	P (lbs)	TSS (tons)
2015	Residue	372	284.6	48.8
<b>Subtotal</b>		<b>372.0</b>	<b>284.6</b>	<b>48.8</b>
2016	Cover Crops	240	130.6	6.3
	Residue	770	589.1	101.1
<b>Subtotal</b>		<b>1010.0</b>	<b>719.6</b>	<b>107.4</b>
2017	Cover Crops	287	156.1	7.5
	Residue	998	763.5	131.0
<b>Subtotal</b>		<b>1285.0</b>	<b>919.6</b>	<b>138.5</b>
2018	Cover Crops	1,067.80	580.9	28.0
	Residue	1,051	804.0	137.9
<b>Subtotal</b>		<b>2118.8</b>	<b>1384.9</b>	<b>166.0</b>

The following figures depict the location and type of cropping practice installed for each year of the grant to compliment the reductions reported in Table 4 above:

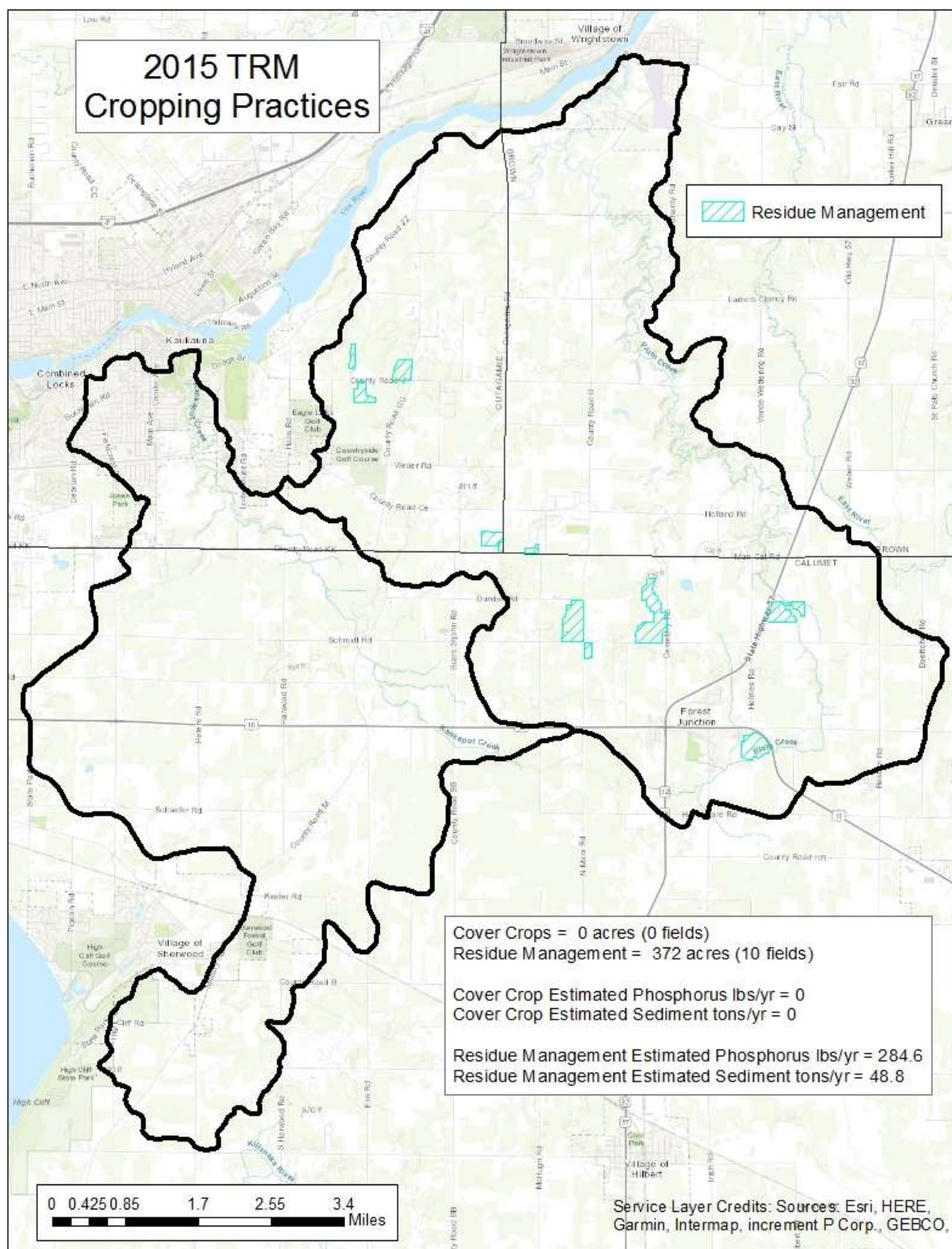


Figure 5: 2015 TRM Cropping Practices



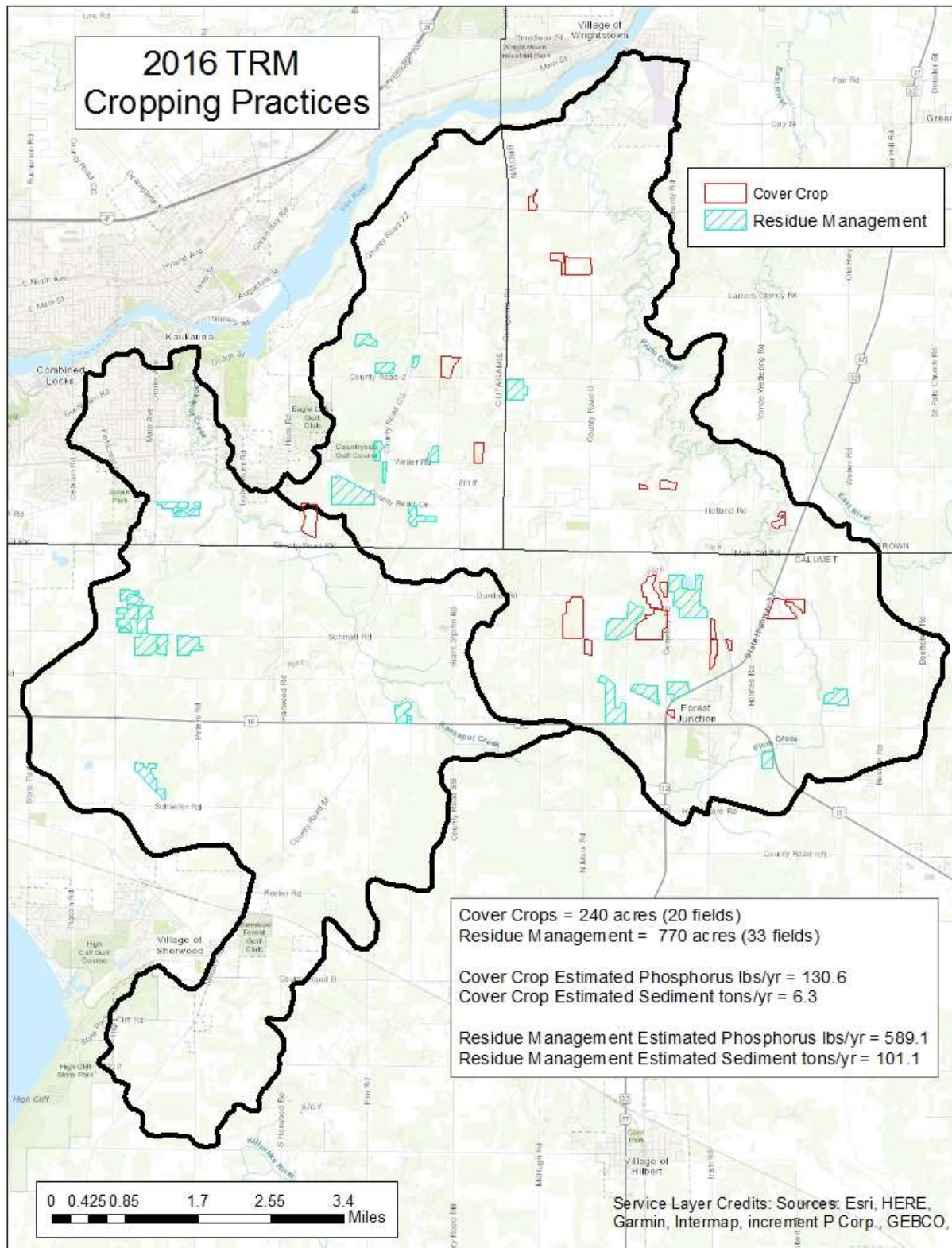


Figure 6: 2016 TRM Cropping Practices

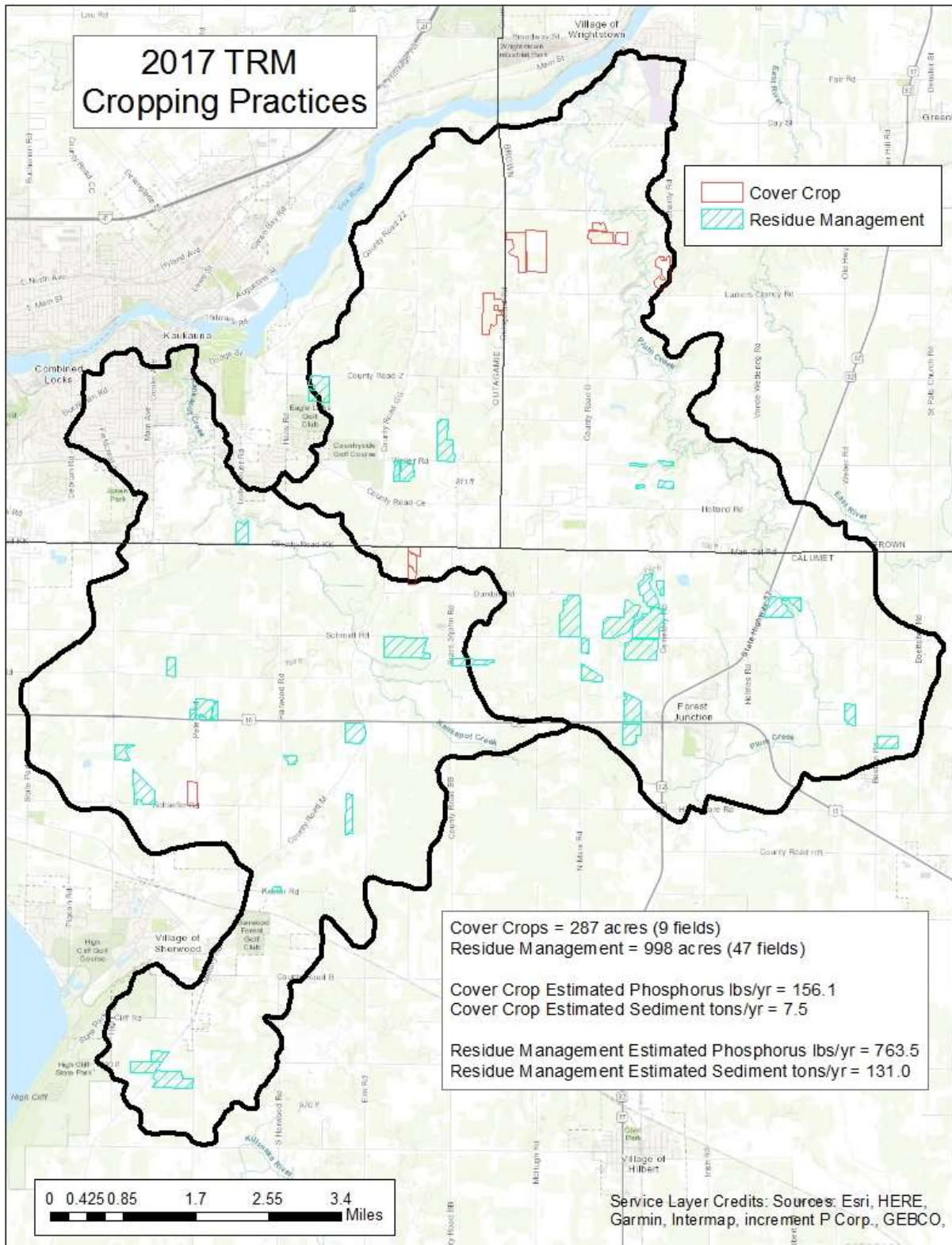


Figure 7: 2017 TRM Cropping Practices



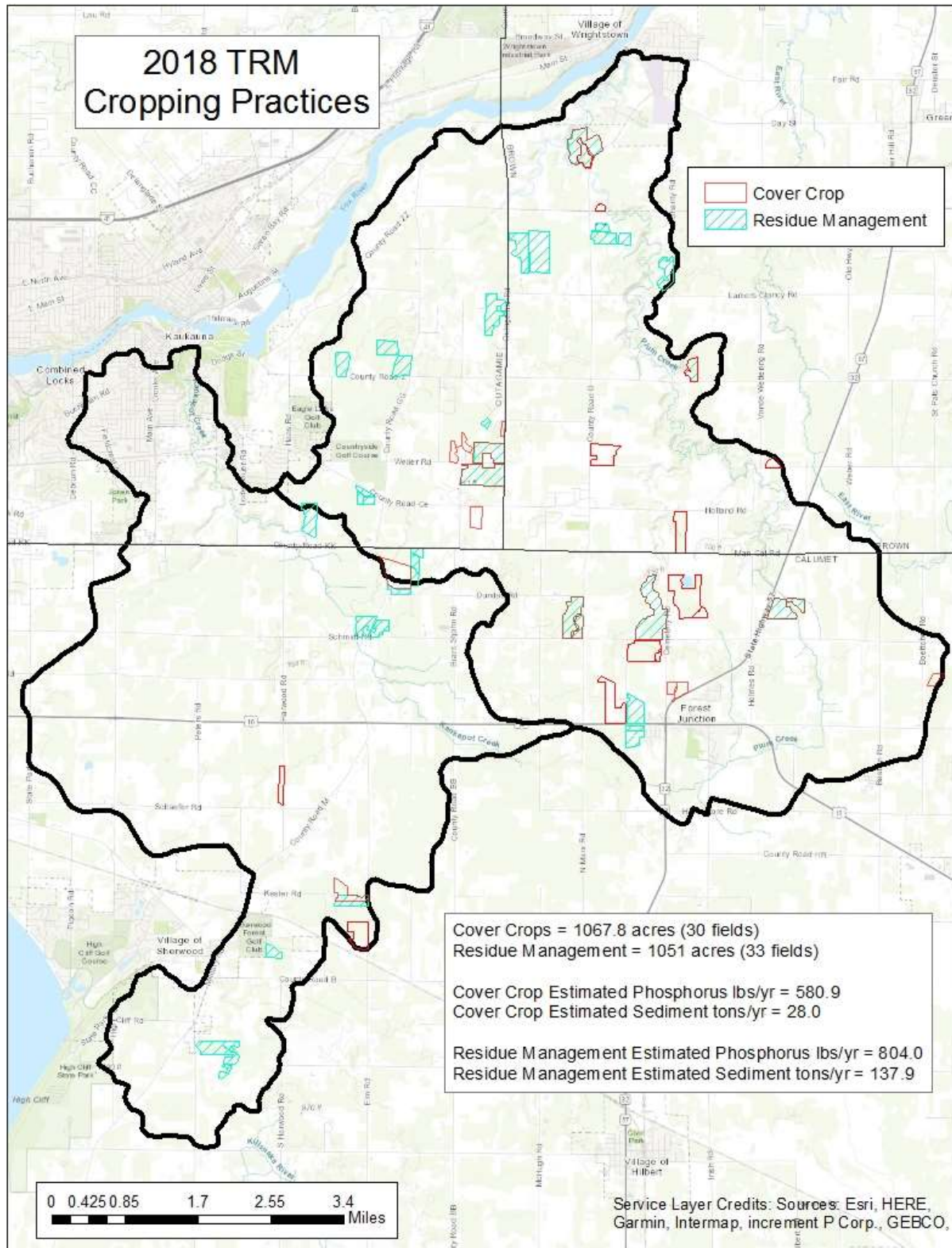


Figure 8: 2018 TRM Cropping Practices

# **SITE ATTACHMENTS**

- **PRE/POST PHOTOGRAPHS**
  - **SITE LOCATION MAPS**



Site 1

1. Photo(s) of pre-implementation of BMP(s)

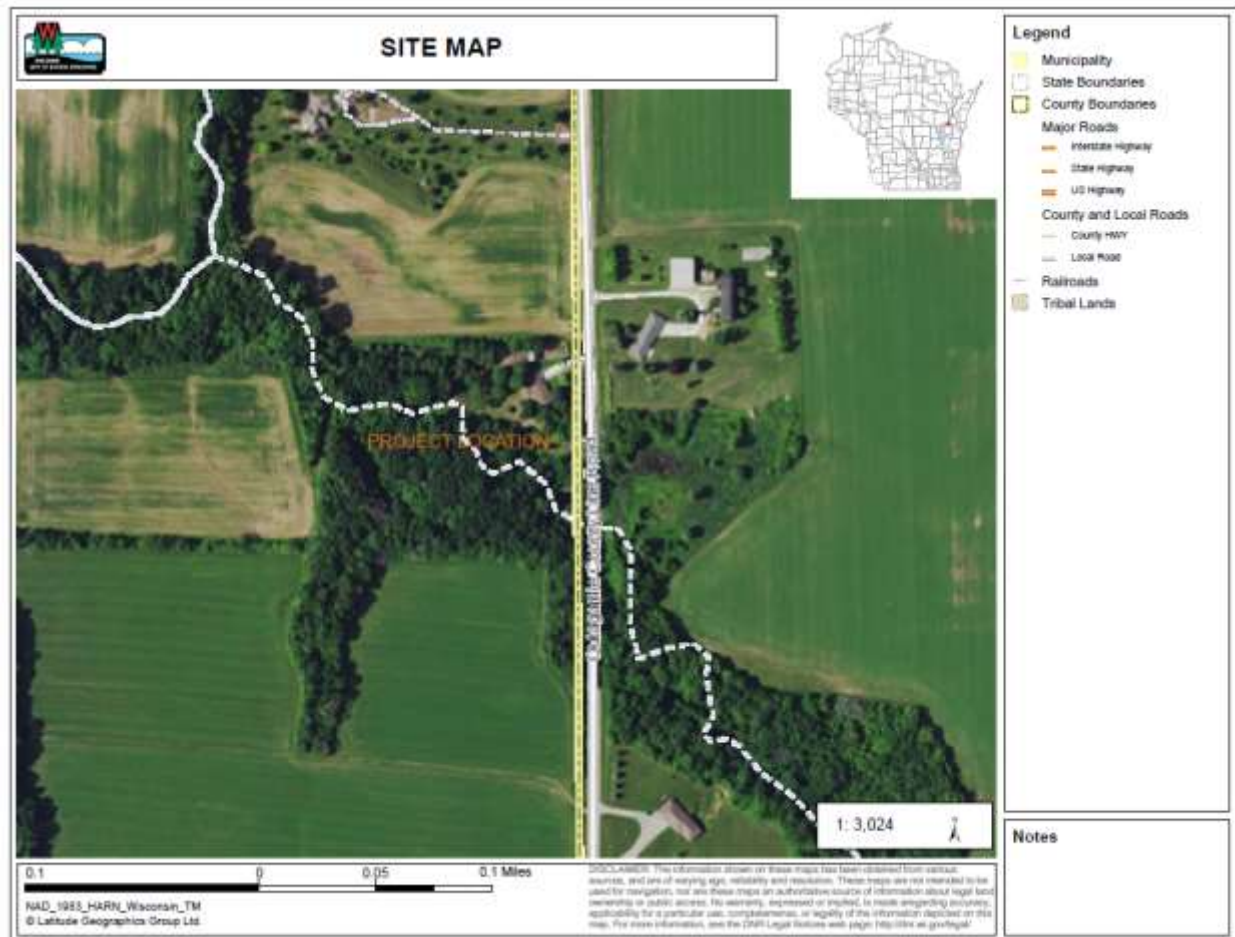


2. Photo(s) of post-implementation of BMP(s)





### 3. Aerial photo map



Site 2

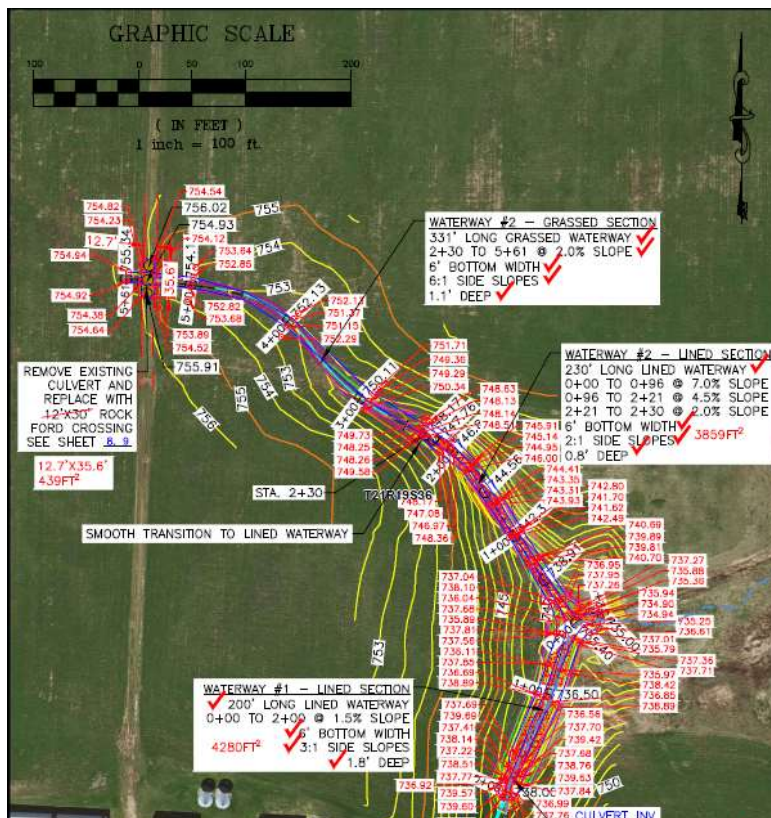
1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)







Site 3

1. Photo(s) of pre-implementation of BMP(s)

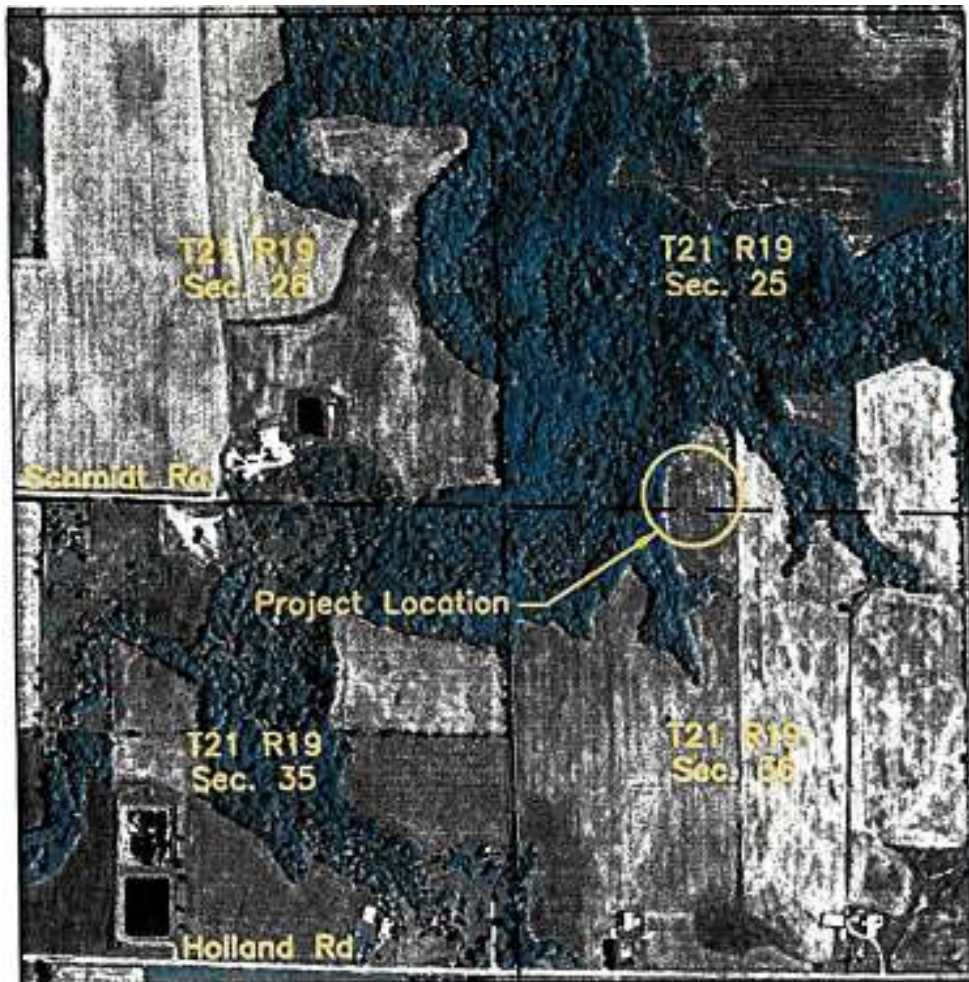


2. Photo(s) of post-implementation of BMP(s)





3. Aerial photo map



Site 4

1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)





### 3. Aerial photo map



Site 5

1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)





3. Aerial photo map



Site 6

1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)





3. Aerial photo map



Site 7

1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)







3. Aerial photo map



Site 8



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



3. Aerial photo map



# Site 9



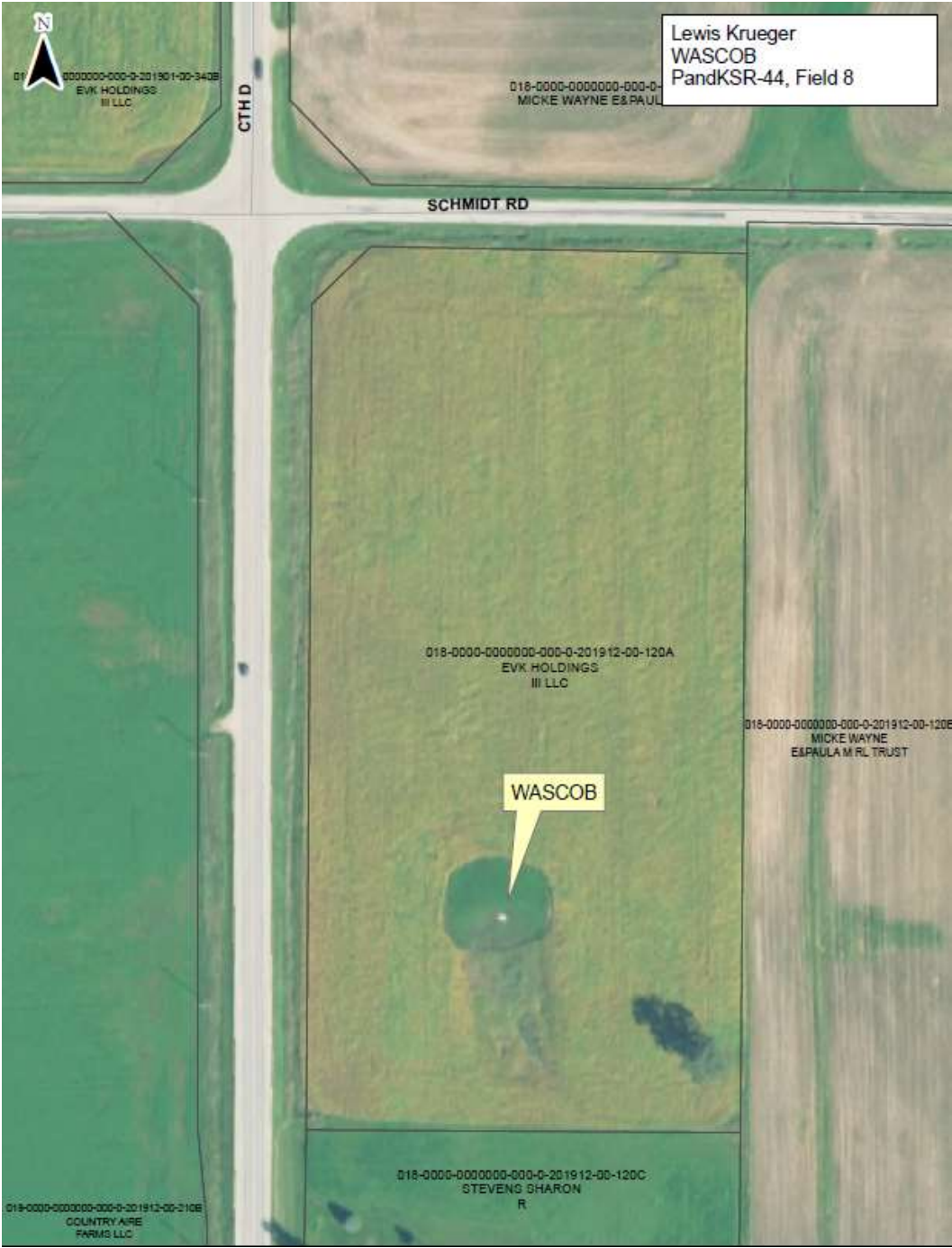
1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



3. Aerial photo map



Site 10



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



3. Aerial photo map



Site 11



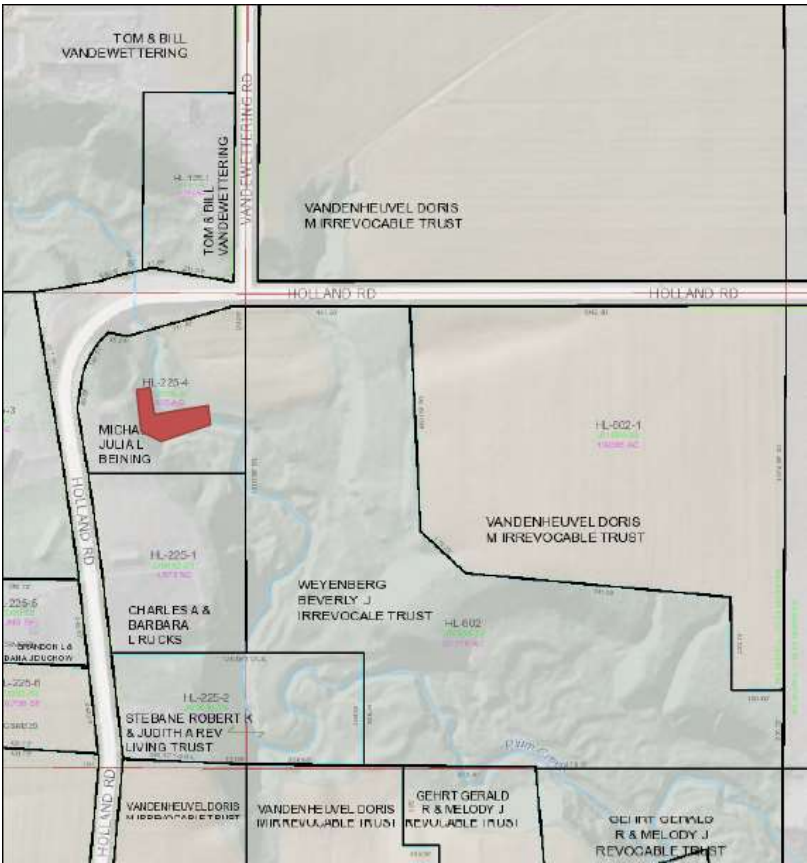
1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



3. Aerial photo map



Site 12



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



### 3. Aerial photo map



Site 13



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



### 3. Aerial photo map



Site 14



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



3. Aerial photo map



Site 15



1. Photo(s) of pre-implementation of BMP(s)





2. Photo(s) of post-implementation of BMP(s)



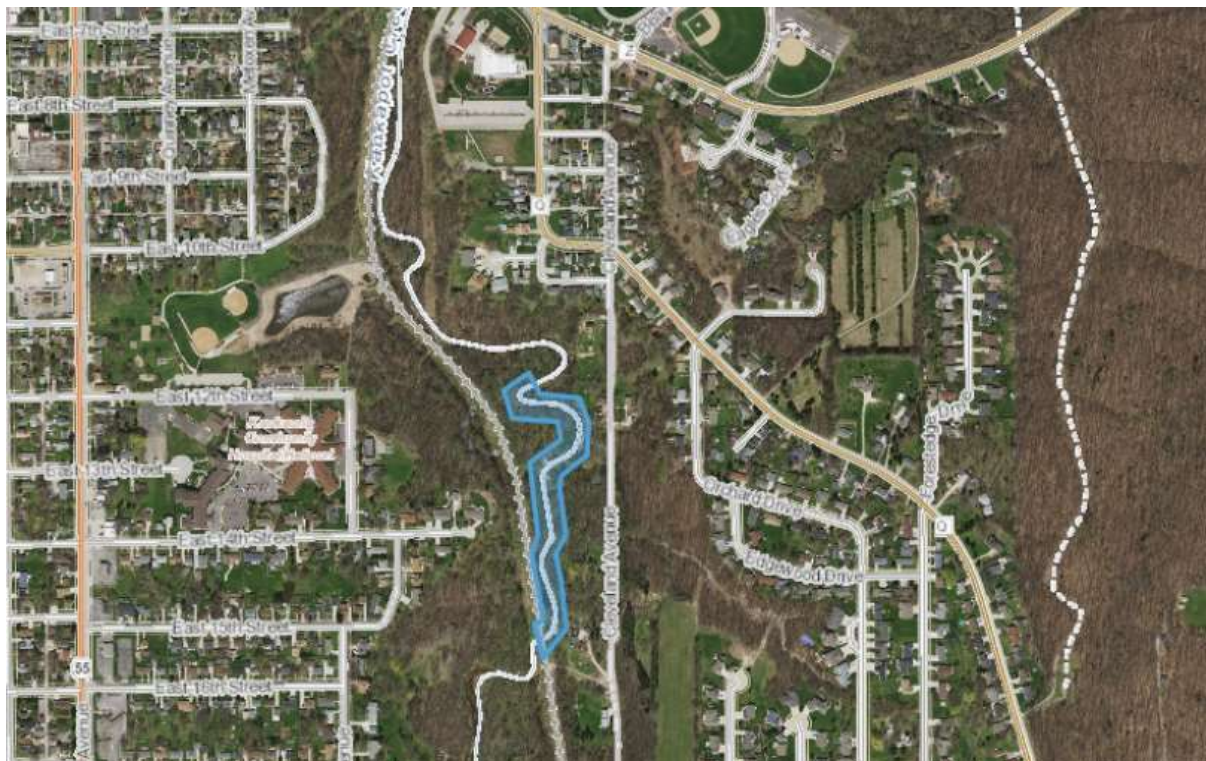








3. Aerial photo map





Site 16



- [illegible]

Site 17

-



Site 18

- [illegible]

**Notes:**  
400' of Runo, 300' of rock, and 200' of shingle

Site 19



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)







### 3. Aerial photo map



Site 20



1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



### 3. Aerial photo map



Site 21



1. Photo(s) of pre- and post-implementation of BMP(s)  
\*Refer to Site 15
2. Aerial photo map



Site 22

1. Photo(s) of pre-implementation of BMP(s)

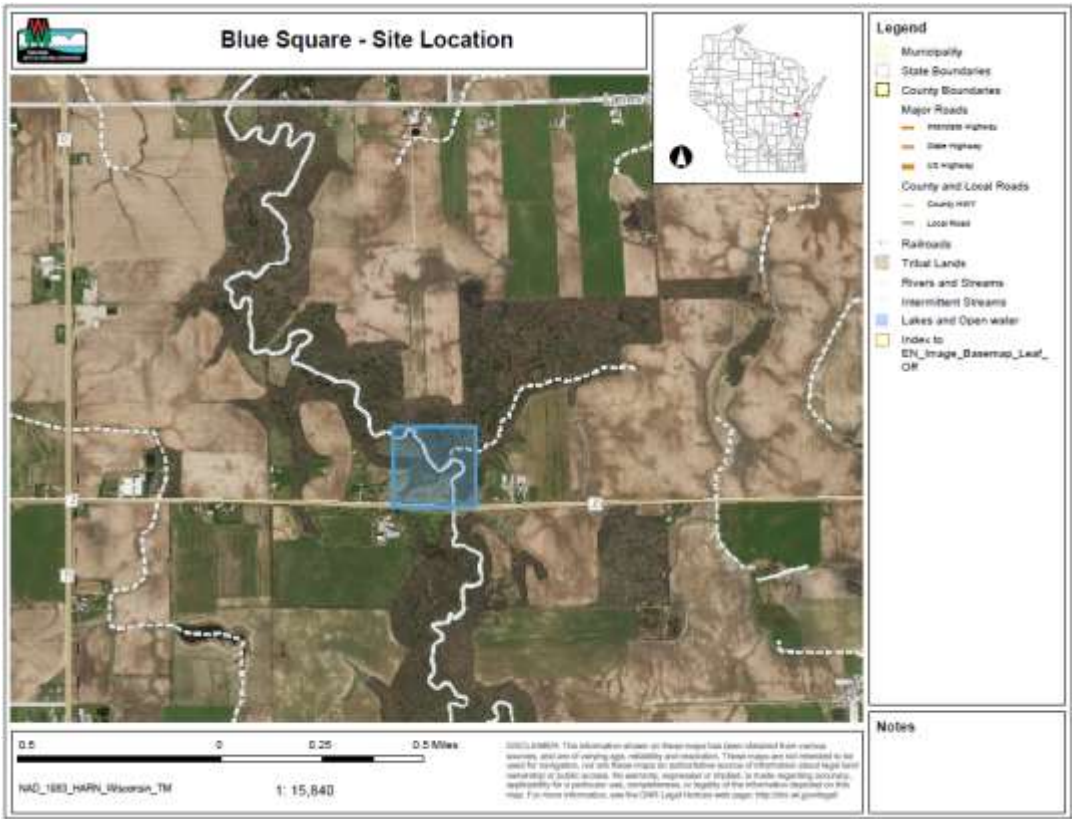




2. Photo(s) of post-implementation of BMP(s)



3. Aerial photo map



Site 23



- ## 2. Aerial photo map



Site 24

1. Photo(s) of pre-implementation of BMP(s)



2. Photo(s) of post-implementation of BMP(s)



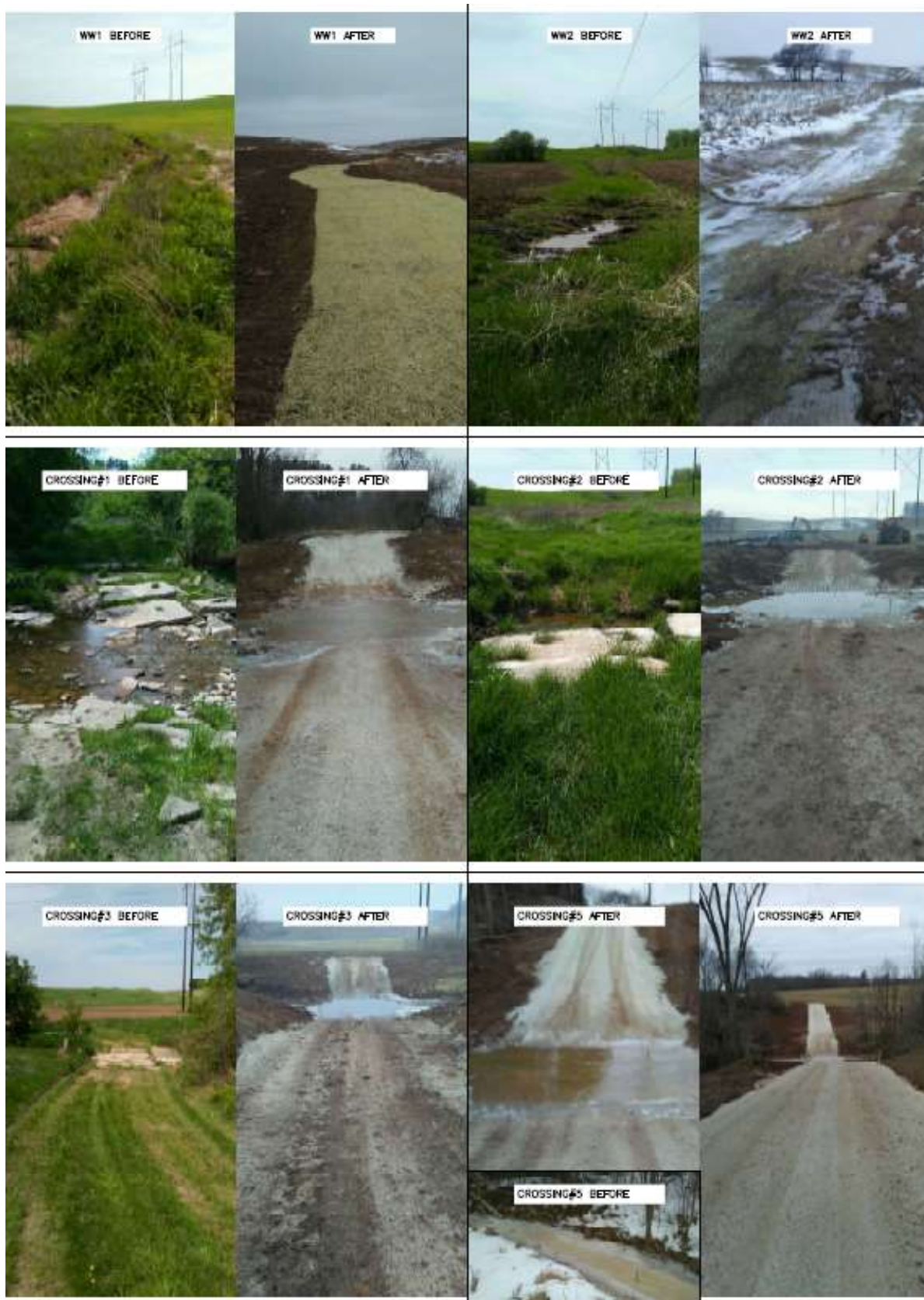


### 3. Aerial photo map



Site 25

1. Photo(s) of pre- and post-implementation of BMP(s)











[illegible]





**CALUMET COUNTY  
LAND & WATER CONSERVATION  
DEPARTMENT  
206 COURT STREET  
CHILTON, WI 53014-1198**

CHILTON: (920) 849-1442

APPLETON/SHERWOOD: (920) 989-2700

FAX: (920) 849-1481

WEBSITE: [www.co.calumet.wi.us](http://www.co.calumet.wi.us)

December 15, 2017

**To:**

EVK Holdings III LLC  
C/O Lewis Krueger  
N9581 Cemetery Rd  
Brillion, WI 54110

**From:**

Calumet County  
Land & Water Conservation Department  
206 Court Street  
Chilton, WI 53014

**Notice of landowner's obligation to maintain compliance.**

This is in regards to the Farmland Preservation Program & Department of Natural Resources Chapter NR 151 – Runoff Management

This written statement is to inform you that with the installation of a water and sediment control basin (WASCOB), parcel number 12237 (Part of the NW ¼, NE ¼, Sec. 12, T20N, R19E) has been brought into compliance with NR 151.02 – Sheet, Rill & Wind Erosion performance standard and NR 151.07 – Nutrient Management of the state NR 151 Agricultural performance standards and prohibitions. Other onsite management practices on this parcel along with nutrient management on all associated cropland will also need to continue to remain in compliance addressed by this TRM grant and its associated Cost Share Agreements #2015-PandKSR-44 as well as the compliance requirements of the Farmland Preservation Program.

This is also to inform you that it is your obligation to stay in compliance with the state NR151 Agricultural performance standards and prohibitions on the properties addressed by this TRM grant and its associated CSA. Failure to do so would violate the grant, the CSA, and state law.

Please contact our office at (920) 849-1442 if you have any questions.

Sincerely,

Anthony Reali  
County Conservationist  
Calumet County Land & Water Conservation Department



**CALUMET COUNTY  
LAND & WATER CONSERVATION  
DEPARTMENT  
206 COURT STREET  
CHILTON, WI 53014-1198**

CHILTON: (920) 849-1442

APPLETON/SHERWOOD: (920) 989-2700

FAX: (920) 849-1481

WEBSITE: [www.co.calumet.wi.us](http://www.co.calumet.wi.us)

December 15, 2017

**To:**

AAK Holdings III LLC  
C/O Lewis Krueger  
N9581 Cemetery Rd  
Brillion, WI 54110

**From:**

Calumet County  
Land & Water Conservation Department  
206 Court Street  
Chilton, WI 53014

**Notice of landowner's obligation to maintain compliance.**

This is in regards to the Farmland Preservation Program & Department of Natural Resources Chapter NR 151 – Runoff Management

This written statement is to inform you that with the installation of best management practices that parcel number 1182 (Part of the SE ¼, NW ¼, Sec. 6, T20N, R20E) has been brought into compliance with R 151.01 – Sheet, Rill & Wind Erosion and NR 151.07 Nutrient Management of the state NR 151 Agricultural performance standards and prohibitions. Other onsite management practices on these parcels along with nutrient management on all associated cropland will also need to continue to remain in compliance addressed by this TRM grant and its associated Cost Share Agreement #2015-PandKSR-41 as well as the compliance requirements of the Farmland Preservation Program.

This is also to inform you that it is your obligation to stay in compliance with the state NR151 Agricultural performance standards and prohibitions on the properties addressed by this TRM grant and its associated CSA. Failure to do so would violate the grant, the CSA, and state law.

Please contact our office at (920) 849-1442 if you have any questions.

Sincerely,

Anthony Reali  
County Conservationist  
Calumet County Land & Water Conservation Department



**CALUMET COUNTY  
LAND & WATER CONSERVATION  
DEPARTMENT  
206 COURT STREET  
CHILTON, WI 53014-1198**

CHILTON: (920) 849-1442

APPLETON/SHERWOOD: (920) 989-2700

FAX: (920) 849-1481

WEBSITE: [www.co.calumet.wi.us](http://www.co.calumet.wi.us)

December 15, 2017

**To:**

AAK Holdings III LLC  
C/O Lewis Krueger  
N9581 Cemetery Rd  
Brillion, WI 54110

**From:**

Calumet County  
Land & Water Conservation Department  
206 Court Street  
Chilton, WI 53014

**Notice of landowner's obligation to maintain compliance.**

This in in regards to the Farmland Preservation Program & Department of Natural Resources Chapter NR 151 – Runoff Management

This written statement is to inform you that with the installation of best management practices that parcel number 1188 & 1185 (Part of the NE ¼, SW ¼ and also part of the S ½, SW ¼, Sec. 6, T20N, R20E) has been brought into compliance with R 151.01 – Sheet, Rill & Wind Erosion and NR 151.07 Nutrient Management of the state NR 151 Agricultural performance standards and prohibitions. Other onsite management practices on these parcels along with nutrient management on all associated cropland will also need to continue to remain in compliance addressed by this TRM grant and its associated Cost Share Agreement #2015-PandKSR-36 as well as the compliance requirements of the Farmland Preservation Program.

This is also to inform you that it is your obligation to stay in compliance with the state NR151 Agricultural performance standards and prohibitions on the properties addressed by this TRM grant and its associated CSA. Failure to do so would violate the grant, the CSA, and state law.

Please contact our office at (920) 849-1442 if you have any questions.

Sincerely,

Anthony Reali  
County Conservationist  
Calumet County Land & Water Conservation Department





**CALUMET COUNTY  
LAND & WATER CONSERVATION  
DEPARTMENT  
206 COURT STREET  
CHILTON, WI 53014-1198**

CHILTON: (920) 849-1442

APPLETON/SHERWOOD: (920) 989-2700

FAX: (920) 849-1481

WEBSITE: [www.co.calumet.wi.us](http://www.co.calumet.wi.us)

December 15, 2017

**To:**

AAK Holdings III LLC  
C/O Lewis Krueger  
N9581 Cemetery Rd  
Brillion, WI 54110

**From:**

Calumet County  
Land & Water Conservation Department  
206 Court Street  
Chilton, WI 53014

**Notice of landowner's obligation to maintain compliance.**

This is in regards to the Farmland Preservation Program & Department of Natural Resources Chapter NR 151 – Runoff Management

This written statement is to inform you that with the installation of best management practices that parcel number 1154 (Part of the NE ¼, SE ¼, Sec. 5, T20N, R20E) has been brought into compliance with R 151.01 – Sheet, Rill & Wind Erosion and NR 151.07 Nutrient Management of the state NR 151 Agricultural performance standards and prohibitions. Other onsite management practices on these parcels along with nutrient management on all associated cropland will also need to continue to remain in compliance addressed by this TRM grant and its associated Cost Share Agreement #2015-PandKSR-39 as well as the compliance requirements of the Farmland Preservation Program.

This is also to inform you that it is your obligation to stay in compliance with the state NR151 Agricultural performance standards and prohibitions on the properties addressed by this TRM grant and its associated CSA. Failure to do so would violate the grant, the CSA, and state law.

Please contact our office at (920) 849-1442 if you have any questions.

Sincerely,

Anthony Reali  
County Conservationist  
Calumet County Land & Water Conservation Department



**CALUMET COUNTY  
LAND & WATER CONSERVATION  
DEPARTMENT  
206 COURT STREET  
CHILTON, WI 53014-1198**

CHILTON: (920) 849-1442

APPLETON/SHERWOOD: (920) 989-2700

FAX: (920) 849-1481

WEBSITE: [www.co.calumet.wi.us](http://www.co.calumet.wi.us)

December 15, 2017

**To:**

AAK Holdings III LLC  
C/O Lewis Krueger  
N9581 Cemetery Rd  
Brillion, WI 54110

**From:**

Calumet County  
Land & Water Conservation Department  
206 Court Street  
Chilton, WI 53014

**Notice of landowner's obligation to maintain compliance.**

This is in regards to the Farmland Preservation Program & Department of Natural Resources Chapter NR 151 – Runoff Management

This written statement is to inform you that with the installation of best management practices that parcel number 1170 (Part of the SW ¼, NE ¼, Sec. 6, T20N, R20E) has been brought into compliance with R 151.01 – Sheet, Rill & Wind Erosion and NR 151.07 Nutrient Management of the state NR 151 Agricultural performance standards and prohibitions. Other onsite management practices on these parcels along with nutrient management on all associated cropland will also need to continue to remain in compliance addressed by this TRM grant and its associated Cost Share Agreement #2015-PandKSR-42 as well as the compliance requirements of the Farmland Preservation Program.

This is also to inform you that it is your obligation to stay in compliance with the state NR151 Agricultural performance standards and prohibitions on the properties addressed by this TRM grant and its associated CSA. Failure to do so would violate the grant, the CSA, and state law.

Please contact our office at (920) 849-1442 if you have any questions.

Sincerely,

Anthony Reali  
County Conservationist  
Calumet County Land & Water Conservation Department



**CALUMET COUNTY  
LAND & WATER CONSERVATION  
DEPARTMENT  
206 COURT STREET  
CHILTON, WI 53014-1198**

CHILTON: (920) 849-1442

APPLETON/SHERWOOD: (920) 989-2700

FAX: (920) 849-1481

WEBSITE: [www.co.calumet.wi.us](http://www.co.calumet.wi.us)

December 15, 2017

**To:**

AAK Holdings III LLC  
C/O Lewis Krueger  
N9581 Cemetery Rd  
Brillion, WI 54110

**From:**

Calumet County  
Land & Water Conservation Department  
206 Court Street  
Chilton, WI 53014

**Notice of landowner's obligation to maintain compliance.**

This is in regards to the Farmland Preservation Program & Department of Natural Resources Chapter NR 151 – Runoff Management

This written statement is to inform you that with the installation of best management practices that parcel number 1204 (Part of the NE ¼, NW ¼, Sec. 7, T20N, R20E) has been brought into compliance with R 151.01 – Sheet, Rill & Wind Erosion and NR 151.07 Nutrient Management of the state NR 151 Agricultural performance standards and prohibitions. Other onsite management practices on these parcels along with nutrient management on all associated cropland will also need to continue to remain in compliance addressed by this TRM grant and its associated Cost Share Agreement #2015-PandKSR-45 as well as the compliance requirements of the Farmland Preservation Program.

This is also to inform you that it is your obligation to stay in compliance with the state NR151 Agricultural performance standards and prohibitions on the properties addressed by this TRM grant and its associated CSA. Failure to do so would violate the grant, the CSA, and state law.

Please contact our office at (920) 849-1442 if you have any questions.

Sincerely,

Anthony Reali  
County Conservationist  
Calumet County Land & Water Conservation Department



LAND AND WATER CONSERVATION

*Brown County*

2420 NICOLET DR., ES307  
P.O. BOX 23800  
GREEN BAY, WI 54305-3800



MIKE MUSHINSKI

PHONE (920) 391-4620 WEB: [www.co.brown.wi.us](http://www.co.brown.wi.us)

COUNTY CONSERVATIONIST

April 29, 2019

MARVIN B & PATRICIA T BIESE JR  
7016 CTH D  
GREENLEAF WI 54126

Dear Mr. & Ms. Biese:

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with the Chapter NR 151 of the Wisconsin Administrative Code for your property described as: SW1/4 NE1/4 SEC10 T21N R19E

Parcel ID: W-30

The department has determined the installed practice at your operation to be adequate to meet Agricultural Performance Standards and Prohibitions on the area described above. As a result of installing the best management practices, the department has determined that you are now in compliance with the Chapter NR 151 of the Wisconsin Administrative Code.

In accordance with Chapter NR 151, Wisconsin Administrative Code, any practice or facility that is in compliance with a Performance Standard or Prohibition on or after the effective date of the standard or prohibition, must remain in compliance regardless of whether cost-sharing is provided to the owner or operator. Since you are now deemed in compliance with the Performance Standards and Prohibition for this site listed above, it is imperative that you and any future owners or operators maintain compliance with them.

Your efforts in this matter have contributed to improved water quality within Brown County. If you have any further questions or concerns, please contact me at (920) 391-4630.

Sincerely,

*Michael L. Mushinski*

MIKE MUSHINSKI  
County Conservationist

LAND AND WATER CONSERVATION

*Brown County*

2420 NICOLET DR., ES307  
P.O. BOX 23600  
GREEN BAY, WI 54305-3600



MIKE MUSHINSKI

PHONE (920) 391-4620 WEB: [www.co.brown.wi.us](http://www.co.brown.wi.us)

COUNTY CONSERVATIONIST

April 29, 2019

JAMES E STEBANE  
6553 GILDAR ST  
ALEXANDRIA VA 22310-2518

Dear Mr. Stebane:

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with the Chapter NR 151 of the Wisconsin Administrative Code for your property described as: SE1/4 NW1/4 SEC 36 T21N R19E EX RD

Parcel ID: HL-232

The department has determined the installed practice at your operation to be adequate to meet Agricultural Performance Standards and Prohibitions on the area described above. As a result of installing the best management practices, the department has determined that you are now in compliance with the Chapter NR 151 of the Wisconsin Administrative Code.

In accordance with Chapter NR 151, Wisconsin Administrative Code, any practice or facility that is in compliance with a Performance Standard or Prohibition on or after the effective date of the standard or prohibition, must remain in compliance regardless of whether cost-sharing is provided to the owner or operator. Since you are now deemed in compliance with the Performance Standards and Prohibition for this site listed above, it is imperative that you and any future owners or operators maintain compliance with them.

Your efforts in this matter have contributed to improved water quality within Brown County. If you have any further questions or concerns, please contact me at (920) 391-4630.

Sincerely,  
*Michael L. Mushinski*

MIKE MUSHINSKI  
County Conservationist

LAND AND WATER CONSERVATION

*Brown County*

2420 NICOLET DR., ES307  
P.O. BOX 23600  
GREEN BAY, WI 54305-3600



MIKE MUSHINSKI

PHONE (920) 391-4620 WEB: [www.co.brown.wi.us](http://www.co.brown.wi.us)

COUNTY CONSERVATIONIST

April 29, 2019

DORIS M VANDEN HEUVAL  
7965 LOVERS LANE RD  
GREENLEAF WI 54126-9627

Dear Ms. Vanden Heuval:

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with the Chapter NR 151 of the Wisconsin Administrative Code for your property described as: PRT OF NE1/4 NE1/4 & PRT OF SE1/4 NE1/4 SEC 36 T21N R19E AS DESC IN 778 R 173 (1ST DESC) EX J5129-25 & EX RD and PRT OF SW1/4 NW FRAC1/4 & PRT OF NW1/4 FRAC NW1/4 SEC 31 T21N R20E DESC AS PCL #2 IN 778 R 173 EX J5129-25

Parcel ID: HL-228-1 and HL-603-1

The department has determined the installed practice at your operation to be adequate to meet Agricultural Performance Standards and Prohibitions on the area described above. As a result of installing the best management practices, the department has determined that you are now in compliance with the Chapter NR 151 of the Wisconsin Administrative Code.

In accordance with Chapter NR 151, Wisconsin Administrative Code, any practice or facility that is in compliance with a Performance Standard or Prohibition on or after the effective date of the standard or prohibition, must remain in compliance regardless of whether cost-sharing is provided to the owner or operator. Since you are now deemed in compliance with the Performance Standards and Prohibition for this site listed above, it is imperative that you and any future owners or operators maintain compliance with them.

Your efforts in this matter have contributed to improved water quality within Brown County. If you have any further questions or concerns, please contact me at (920) 391-4630.

Sincerely,  
*Michael L. Mushinski*

MIKE MUSHINSKI  
County Conservationist



LAND AND WATER CONSERVATION

Brown County

2420 NICOLET DR., ES307  
P.O. BOX 23600  
GREEN BAY, WI 54305-3600



MIKE MUSHINSKI

PHONE (920) 391-4620 WEB: [www.co.brown.wi.us](http://www.co.brown.wi.us)

COUNTY CONSERVATIONIST

August 7, 2019

BILL F & BRENDA A VANDEWETTERING, ETAL  
7838 VANDE WETTERING RD  
GREENLEAF WI 54126-9631

Dear Mr. VandeWettering:

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with the Chapter NR 151 of the Wisconsin Administrative Code for your property described as: SW1/4 SW1/4 SEC 25 T21N R19E

Parcel ID: HL-120

The department has determined the installed practice at your operation to be adequate to meet Agricultural Performance Standards and Prohibitions on the area described above. As a result of installing the best management practices, the department has determined that you are now in compliance with the Chapter NR 151 of the Wisconsin Administrative Code.

In accordance with Chapter NR 151, Wisconsin Administrative Code, any practice or facility that is in compliance with a Performance Standard or Prohibition on or after the effective date of the standard or prohibition, must remain in compliance regardless of whether cost-sharing is provided to the owner or operator. Since you are now deemed in compliance with the Performance Standards and Prohibition for this site listed above, it is imperative that you and any future owners or operators maintain compliance with them.

Your efforts in this matter have contributed to improved water quality within Brown County. If you have any further questions or concerns, please contact me at (920) 391-4630.

Sincerely,

*Michael L. Mushinski*

MIKE MUSHINSKI  
County Conservationist