

Final Report

Agricultural Targeted Runoff Management & Notice of Discharge Grant Programs

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 Small Scale Non Total Maximum Daily Load (TMDL)							
Project Name & Location							
Project Name Jagiello Dairy Farm							
Grant Number TRC-GB04-42000-15				Governmental Unit Name Oconto County Land Conservation Division			
County Oconto		Watershed Name Litte River			12-Digit HUC 040301040404		
Project Contact Name Chad Trudell			Phone Number (920) 834-7151		E-mail Address chad.trudell@co.oconto.wi.us		
<input type="checkbox"/> For a project with multiple site locations, an aerial photo map is attached with each site location labeled.							

Site Location - 1							
Name of Cost-Share Recipient Jagiello Dairy Farms LLC					Animal Units 850	Nearest Receiving Waterbody North Branch Little River	
Township 29	Range 20	E / W E	Section 15	Quarter SW	Quarter/Quarter NW	Latitude 44.98586	Longitude -88.06141
Compliance Requirements - 1							
Chs. NR 151 or 243 Wis. Adm. Code Notice Type NR 151		Notice letter attached <input type="checkbox"/>	Compliance achieved? If no, explain in site information <input checked="" type="radio"/> Yes <input type="radio"/> No			Compliance determination letter attached <input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Attached is a copy of the written statement the County provided to the landowner and cost-share recipient of the landowner's obligation to maintain compliance with performance standards & prohibitions on cropland and livestock facilities addressed by the cost-share agreement. Compliance at these sites must be maintained in perpetuity regardless of future cost sharing. The County has also placed a copy of this written statement in the County files.							

Summary of Results - 1							
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Total Installation Cost	Load Reduction		
					Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr
Manure Storage Systems	1	No.	Code(s) 4	\$251,350.00	489.1	2649.5	

Site Location Attachment - 1	
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 Information - 1
<p><i>Narrative space will expand to fit</i></p> <p>This storage facility allowed the farm to meet 180 day storage capacity and greatly reduce or eliminate winter spreading allowing only the most environmentally safe lands to be used if necessary.</p>
<input checked="" type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.

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Form 3400-189A (R 05/16)

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Additional Project Information and/or Comments

Narrative space will expand to fit

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
Kenneth J. Dolata	County Conservationist	02/21/2017

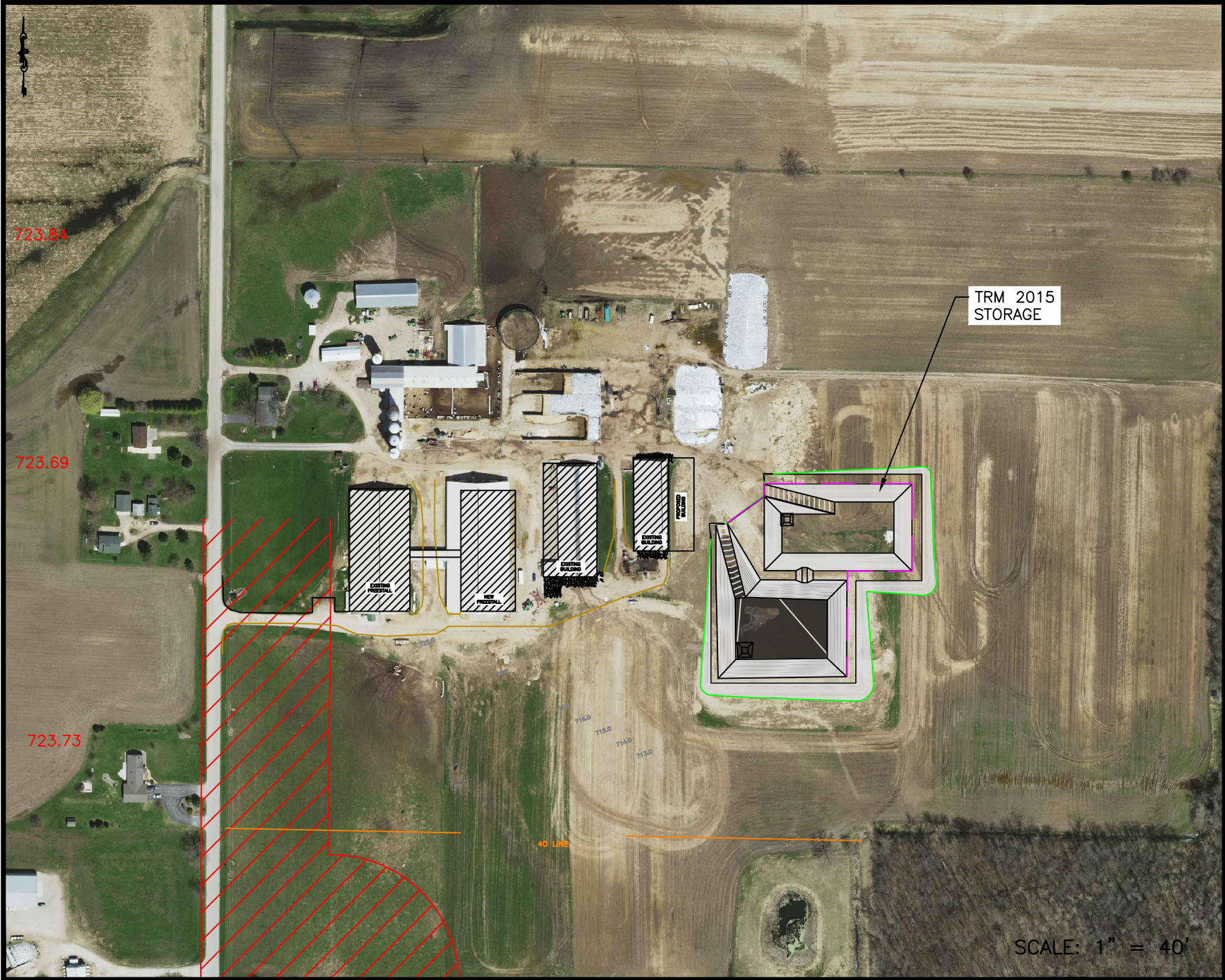
For DNR Use Only

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

Comments about this project:
None.

Name of Region Nonpoint Source Coordinator	Date
Erin Hanson	02/24/2017

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.



SCALE: 1" = 40'



LAND CONSERVATION DIVISION

FARM VIEW

CLIENT: JAGIELLO DAIRY FARM
 COUNTY: OCONTO

Designed	CJT	Date	2/17
Drawn		Drawing Name	WI-007
Checked		Date	10/2006
Approved		Sheet	of



08.14.2015



10.12.2015

OCONTO COUNTY



a place for you

OFFICE OF LAND CONSERVATION A DIVISION OF LAND AND WATER RESOURCES DEPARTMENT

NOTICE OF COMPLIANCE

Wisconsin State Statutes Chapter NR 151 Subchapter II – Agricultural Performance Standards and Prohibitions requires all livestock operations and crop producers to come into compliance with standards and prohibitions contained in NR 151.01 by 2005 for lands in Water Quality Management Areas(WQMA) and by 2008 for all other areas of Oconto County.*

As of February 12, 2014, the operations and/or lands controlled by Jagiello Dairy Farms LLC, Registered Agent Duane Jagiello, located in Sections 15 and 21 of T29N-R20E were found to be in **compliance** with the standards and prohibitions in NR 151.01 which are paraphrased below:

STATE PERFORMANCE STANDARDS AND PROHIBITIONS		COMPLIANCE
Soil Erosion Standard	Cropped fields must be farmed to "T"***	YES
Manure Management Standard	NO direct runoff of manure into waters of the state. NO unlimited livestock access to shoreland areas. NO overflow of manure storage structures. NO unconfined manure stacking in WQMA's. Newly constructed, substantially altered and closed manure storage facilities shall be designed and constructed according to established standards. Divert clean water away from feedlots, manure storage facilities and barnyards within WQMA's.	YES
Nutrient Management Standard	All cropped fields and livestock operations must follow a nutrient management plan to limit nutrient entry to waters of the state.	YES

*Water quality management areas are defined as areas within 300 feet of any stream found on U.S. Geological Survey Quad maps and within 1000 feet of a lake ordinary high water mark.
 ***"T" which is the soil loss tolerance is the rate at which a certain soil can erode and still maintain productivity.

OCONTO COUNTY



a place for you

**OFFICE OF
LAND CONSERVATION**
A DIVISION OF
LAND AND WATER RESOURCES DEPARTMENT

Jagiello Dairy Farms LLC

Registered Agent: Duane Jagiello

Landowner Name

I, the landowner/operator understand that by endorsing this determination of compliance I must maintain compliance indefinitely with the standards and prohibitions below:

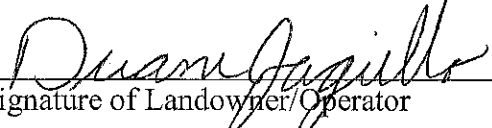
Soil Erosion Standard

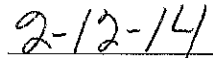
Manure Management Standard

Nutrient Management Standard

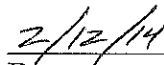
If for any reason I may fall out of compliance with any of the standards or prohibitions, the situation must be rectified possibly without cost sharing being offered pursuant to NR 151.09.

If changes occur in renters and or landowners, or a change in crop rotation, please contact Land Conservation for new determination of compliance.


Signature of Landowner/Operator

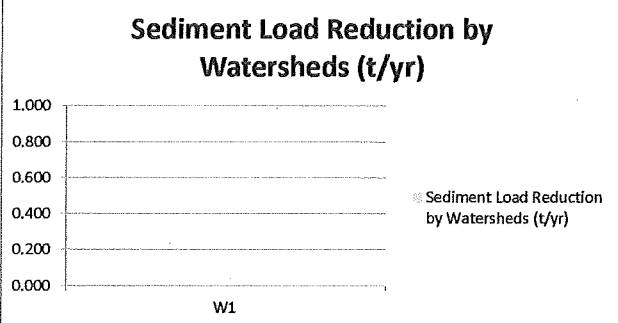
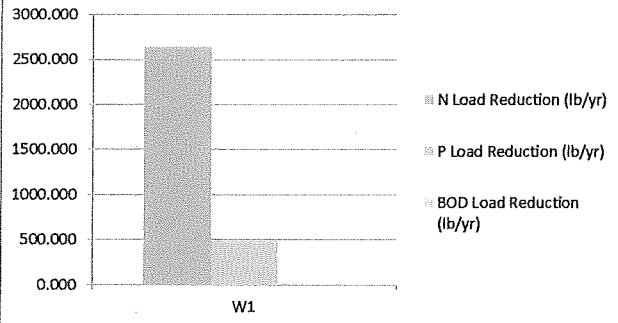
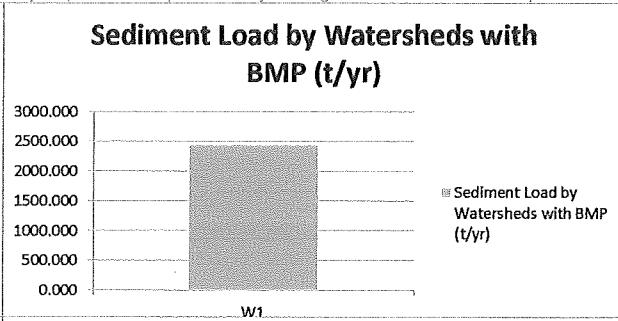
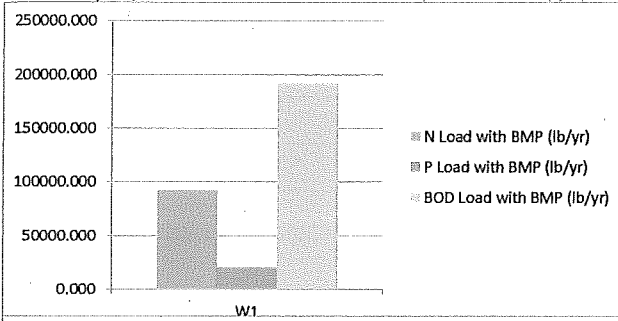

Date


Signature of Land Conservation Division

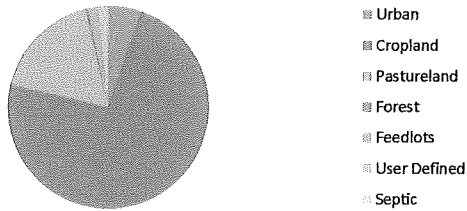

Date

Graphs

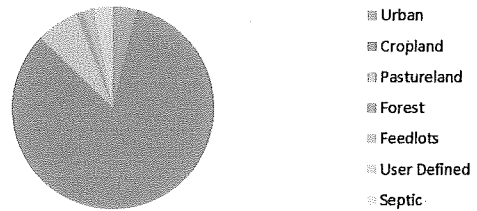
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Total N Load by Land Uses (with BMP) (lb/yr)



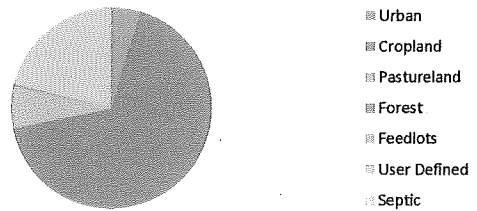
Total P Load by Land Uses (with BMP) (lb/yr)



Total BOD Load by Land Uses (with BMP) (lb/yr)



Total Sediment Load by Land Uses (with BMP) (t/yr)



Total Load This is the summary of annual nutrient and sediment load for each subwatershed. This sheet is initially protected.

1. Total load by subwatershed(s)

Watershed	N Load (no BMP)	P Load (no BMP)	BOD Load (no BMP)	Sediment Load (no BMP)	N Reduction	P Reduction	BOD Reduction	Sediment Reduction	N Load (with BMP)	P Load (with BMP)	BOD (with BMP)	Sediment Load (with BMP)	%N Reduction	%P Reduction	%BOD Reduction	%Sed Reduction
	lb/year	lb/year	lb/year	t/year	lb/year	lb/year	lb/year	t/year	lb/year	lb/year	lb/year	t/year	%	%	%	%
W1	95282.5	20517.1	191953.6	2429.5	2649.5	489.1	0.0	0.0	92633.0	20027.9	191953.6	2429.5	2.8	2.4	0.0	0.0
Total	95282.5	20517.1	191953.6	2429.5	2649.5	489.1	0.0	0.0	92633.0	20027.9	191953.6	2429.5	2.8	2.4	0.0	0.0

2. Total load by land uses (with BMP)

Sources	N Load (lb/yr)	P Load (lb/yr)	BOD Load (lb/yr)	Sediment Load (t/yr)
Urban	4910.25	755.92	18957.24	112.67
Cropland	67976.74	16704.18	111023.20	1632.66
Pastureland	16189.56	1374.64	51969.21	161.71
Forest	435.12	214.32	1073.73	8.79
Feedlots	1426.68	326.10	5434.95	0.00
User Defined	1643.82	632.87	3287.64	513.69
Septic	50.85	19.91	207.62	0.00
Gully	0.00	0.00	0.00	0.00
Streambank	0.00	0.00	0.00	0.00
Groundwater	0.00	0.00	0.00	0.00
Total	92633.01	20027.94	191953.60	2429.53

Best Management Practice Select an appropriate BMP except "Combined BMPs-Calculated" for each subwatershed in each land use table using the pull-down list-box if interactions between BMPs are not considered. Select "Combined BMPs-Calculated" if multiple BMPs and their interactions in the subwatersheds are considered; use BMP calculator (under STEPL menu) to obtain the combined BMP efficiencies and enter them in Table 7.

Urban BMP Tool

Gully and Streambank Erosion

1. BMPs and efficiencies for different pollutants on CROPLAND, ND=No Data

Watershed	Cropland					% Area BMP Applied
	N	P	BOD	Sediment	BMPs	
W1	0	0	0	0	0 No BMP	0

2. BMPs and efficiencies for different pollutants on PASTURELAND, ND=No Data

Watershed	Pastureland					% Area BMP Applied
	N	P	BOD	Sediment	BMPs	
W1	0	0	0	0	0 No BMP	0

3. BMPs and efficiencies for different pollutants on FOREST, ND=No Data

Watershed	Forest					% Area BMP Applied
	N	P	BOD	Sediment	BMPs	
W1	0	0	0	0	0 No BMP	0

4. BMPs and efficiencies for different pollutants on USER DEFINED land use, ND=No Data

Watershed	User Defined					% Area BMP Applied
	N	P	BOD	Sediment	BMPs	
W1	0	0	0	0	0 No BMP	0

5. BMPs and efficiencies for different pollutants on FEEDLOTS, ND=No Data

Watershed	Feedlots					% Area BMP Applied
	N	P	BOD	Sediment	BMPs	
W1	0.65	0.6	ND	ND	Waste Storage Facility	100

6. BMPs and efficiencies for different pollutants on URBAN

To change/set BMP/LID for urban land uses, click the 'Urban BMP Tool' button on the top-left of this sheet.

7. Combined watershed BMP efficiencies from the BMP calculator

Watershed	Watershed Combined BMP Efficiencies				
	N	P	BOD	Sediment	BMPs
W1-Crop	0	0	0	0	Combined BMPs
W1-Pasture	0	0	0	0	Combined BMPs
W1-Forest	0	0	0	0	Combined BMPs
W1-User	0	0	0	0	Combined BMPs