

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR as described in the instructions.

1. GRANT TYPE. Check the one that applies.	
<input type="checkbox"/> Targeted Runoff Management Grant -- Agricultural	<input type="checkbox"/> Targeted Runoff Management Grant -- Urban
<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant -- Construction	<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant -- Planning
<input checked="" type="checkbox"/> Notice of Discharge Grant	

2. PROJECT NAME & LOCATION.		
2.1. Project Name: Ash Creek Dalry Feed Leachate	2.2. Grant Number: NOD-LW12-52000-N15	
2.3. Governmental Unit Name: Richland County Land Conservation Department	2.4. Primary Watershed Name: Willow Creek	2.5. Watershed Code: LW-12

NOTE FOR SECTION 2.6 (which follows):
 Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

2.6 Site Location(s) ->	A	B	C	D	E
Name of Cost-Share Recipient or Governmental Unit	Richland Co. Land Conservation Dept				
Cost-Share Agreement Number (Agricultural only)	LW12-52000-N15				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700051108				
Nearest Surface Receiving Water Affected					
Name:	Pine River				
Waterbody Identification Code(s) (WBIC):	1220600				
Nearest Impaired Water Affected					
Name:					
Waterbody Identification Code(s) (WBIC):					
Pollutants Reduced					
Impairments/Impacts Addressed					

Wisconsin Department of Natural Resources
 Bureau of Watershed Management (WT/3)
 101 S. Webster St.
 Madison, WI 53703
 PO Box 7921
 Madison, WI 53707-7921

Final Report Form 3400-189 (rev. 7/30/09)
 • Targeted Runoff Management Grant Program (ch. NR 153)
 • Notice of Discharge Program (ch. NR 153)
 • Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

Project Location(s) (cont.) →	A	B	C	D	E
Project Coordinates:					
Town	9N				
Range	1E				
Section	1				
Quarter	SW				
Quarter-Quarter	NW				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	43.2842				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	-90.3302				

3. SUMMARY OF RESULTS			
Table A: Agricultural Projects - Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Profiles			
A-1: Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	acres	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	facilities	
	Number of animal units	animal units	
Manure Storage Facilities: Closure	Number of facilities	facilities	
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	facilities	
	Number of animal units	animal units	
Clean Water Diversions in WQMA	Pollutant load reduction	lbs.	
	Number of farms with diversions	farms	
	Number animal units	animal units	
Nutrient Management on Agricultural Land	Acres planned	acres	
Prohibition: Manure Storage Overflow	Number of farms	farms	
	Number of animal units	animal units	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	lbs.	
	Number of facilities	facilities	
	Number of animal units	animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

Table A: Agricultural Projects (continued)			
A.2: Other Management Measures	Units of Measure	Quantity	Measurement Method Used
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)		
Other: Feed Leachate Collection	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)	1	A containment system was built to decrease runoff of feed leachate
Other:	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)		

Table B: Urban Construction Projects Serving Developed Areas			
B.1: Required Management Measures	Units of Measure	Quantity	Measurement Method Used
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
B.2: Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft ³ /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft ³ /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oil sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other:	Pollutant load reduction (if method available)		
	Units (use feet, acres or number as applicable)		

Table C: Urban Planning Projects			
C.1. Governmental unit(s) involved (list by name):			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

Wisconsin Department of Natural Resources
 Bureau of Watershed Management (WT/3)
 101 S. Webster St.
 Madison, WI 53703
 PO Box 7921
 Madison, WI 53707-7921

Final Report Form 3400-189 (rev. 7/30/09)
 • Targeted Runoff Management Grant Program (ch. NR 153)
 • Notice of Discharge Program (ch. NR 153)
 • Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

planning product:	acres	acres	acres
-------------------	-------	-------	-------

C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input type="checkbox"/> Storm Water Plan	
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input type="checkbox"/> Financing Methods: Identified and evaluated	
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	
C.4. Identify the Storm Water goals addressed (check all that apply)	
<input type="checkbox"/> Reduce TSS	Comments:
<input type="checkbox"/> Maintain Infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input type="checkbox"/> Other:	

4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Chs. NR 151 or 243 Notice Type	Issue Date	From: (Name)	To: (Name)	Satisfied?		Date Letter Sent
				Yes	No	
Ch. NR 243- NOD	06/10/2015	Dept. of Natural Resources	Ash Creek Dairy LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

5. Additional Information: (Space will expand to fit your text.)

DNR has not yet issued a letter of satisfaction. The feed leachate system is installed and has been inspected by a DATCP Engineering Technician. This will reduce the amount of leachate reaching the Pine River

6. Summary of Project Challenges: (Space will expand to fit your text.)

The biggest challenge was coming up with a working design to put at the end of existing bunker silos that collected the leachate but did not cost an exhorbant amount of money

7. Grantee Certification.

Checking here certifies that, to the best of your knowledge, the information contained in this report is correct.

Name of Authorized Representative (type or print) ↓

Cathy Cooper

Title of Authorized Representative (type or print) ↓

County Conservationist

Signature of Authorized Representative

Cathy Cooper

Date

7-16-15

8. For Departmental Use Only.

Regional NPS Coordinator - Please complete the following:

8.A. Check here if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report

Send the printed, signed original Final Report with attachments + electronic version to the Community/Financial Assistance Grants Manager. Community/Financial Assistance will forward to Runoff Management Section Grants Coordinator.

8.B. Comments about this project:

*NPD satisfaction letter was sent 8/7/15.
 Quick project completion.*

8.C. Type or print Name of Regional NPS Coordinator →

Mike Gilbertson

8.D. Signature of Regional NPS Coordinator

Mike Gilbertson

8.E. Date

8/7/15



State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection
Ben Brancel, Secretary

July 3, 2015

Cathy Cooper
County Conservationist
Richland County LCD
26136 Executive Lane
Richland Center, WI 53581

RE: Ash Creek Dairy Waste Treatment 629 (Leachate Collection) Certification

Dear Cathy,

I have reviewed the Waste Treatment 629 (Leachate Collection) System constructed at the Ash Creek Dairy and find that the completed practices meet NRCS Standards and Specifications. The system is meant to be operated as a frequent emptying system. The collection of leachate is most critical for catching the leachate for a period of 2 to 3 weeks following the silage being put into the bunkers. During heavy rains the leachate will be diluted and will be able to overtop the tank and drain to the road ditch.

The documentation for this job consists of site visits, field notes, on site testing and numerous photographs taken during construction.

If you have questions or comments call me at 608-647-6931.

Sincerely,

Ralph Hemling
Engineering Specialist
DATCP – Richland Center

CC: Chad Johnson, Ash Creek Dairy
Ken Anderson, Richland County LCD
Mike Gilbertson, DNR

Agriculture generates \$88 billion for Wisconsin

2811 Agriculture Drive • PO Box 8911 • Madison, WI 53708-8911 • Wisconsin.gov

An equal opportunity employer



Concrete pad to be removed



Concrete pad removed, rebar installed



Concrete pad removed with tile being installed



Placing concrete



Concrete pad installed



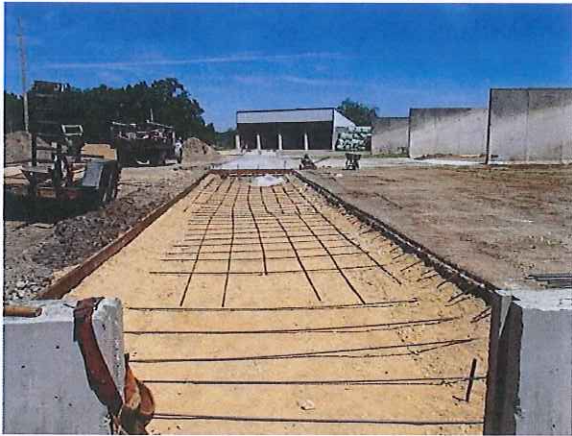
6000 gallon collection tank installed



Working on channel looking south



Channel from outlet screen to collection tank



Channel looking north



Gravel installed west of channel looking south



Channel complete with outlet wall for screen



Diluted water will overtop tank and get to culvert and head back to the north



Channel looking south with screen



Channel looking north with screen



Tank with covers in place