

RECEIVED

JUL 16 2012

**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: <b>Leick Leachate Runoff NOI</b>	2.2. Grant Number: <b>LF01-05000-N11B</b>
2.3. Governmental Unit Name: <b>Brown County</b>	2.4. Primary Watershed Name: <b>East River</b>
	2.5. Watershed Code: <b>LF01</b>

**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	<b>Greenleaf Ledge Dairy LLC James &amp; Christine Leick</b>				
Cost-Share Agreement Number (Agricultural only)	<b>TRM 005</b>				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	<b>040302040301</b>				
Nearest Surface Receiving Water Affected					
Name:	<b>East River</b>				
Waterbody Identification Code(s) (WBIC):	<b>118000</b>				
Nearest Impaired Water Affected					
Name:	<b>East River</b>				
Waterbody Identification Code(s) (WBIC):	<b>118000</b>				
Pollutants Reduced	<b>Phosphorus</b>				
Impairments/Impacts Addressed	<b>Nutrient Enrichment</b>				

- 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	21N				
Range	20E				
Section	09				
Quarter	NE				
Quarter-Quarter	NE				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44° 18' 42" N				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	88° 04' 23" W				

### 3. SUMMARY OF RESULTS

Table A. Agricultural Projects - Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities

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	1 facilities	NRCS 313 Standard
	Number of animal units	830 animal units	DNR Animal Unit Calculations Form
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	

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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: Waste Treatment (Feed Leachate)	Units (use feet, acres or number as applicable)		1 NRCS 629 Standard
	Pollutant load reduction (if method available)		
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 <sup>3</sup> /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft <sup>3</sup> /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily 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):

**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)

C.2. Estimate total acres covered by the planning product:	Existing Developed Urban Areas	New Development	Total Acres
	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	<b>Comments:</b>
<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, NOI	07/01/11	Amy Callis	Jim Leick	<input checked="" type="checkbox"/>	<input type="checkbox"/>	06/29/12
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

- Targeted Runoff Management Grant Program (ch. NR 153)
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**5. Additional Information** (Space will expand to fit your text.)

Practices cost-shared include; Manure Storage System & Waste Treatment. As a condition of the Animal Waste Storage Permit issued by Brown County LWCD, Greenleaf Ledge Dairy LLC is now required to submit an annual Nutrient Management Plan by June 1st of each year.

Photos with brief descriptions are attached for reference along with a narrative.

Included is a copy of the letter from Brown County LWCD regarding compliance with ch. NR 151 Performance Standards and Prohibitions. A Notice Satisfaction Letter from the DNR will follow approval of the Final Report and Reimbursement Request.

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

An extension of the grant was requested to the end of June to allow time for completion of the final grading and seeding disturbed areas associated with the installed BMP's.

**7. Grantee Certification.**

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

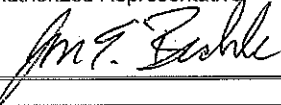
Name of Authorized Representative (type or print) ↓

Jon E. Bechle

Title of Authorized Representative (type or print) ↓

Program Manager

Signature of Authorized Representative



Date

07/12/12

**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.

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)

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8.B. Comments about this project:

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

*Amy S. Callis*

8.D. Signature of Regional NPS Coordinator

*Amy S. Callis*

8.E. Date

*7/17/12*

# Brown County

1150 BELLEVUE ST.  
GREEN BAY, WI 54302



BILL HAFS

PHONE (920) 391-4620 FAX (920) 391-4617 WEB: [www.co.brown.wi.us](http://www.co.brown.wi.us)

COUNTY CONSERVATIONIST

DAVID WETENKAMP

PHONE (920) 391-4639 FAX (920) 391-4617 Email – [wetenkamp\\_dl@co.brown.wi.us](mailto:wetenkamp_dl@co.brown.wi.us)

ENGINEERING TECHNICIAN

6/30/2012

This report is to document the installation of BMP's installed on Greenleaf Ledge Dairy Farm required by the NOI this farm received for Silage Leachate Runoff reaching Waters of the State. The navigable waterway impacted was an unnamed tributary to the East River located in Brown County, Wisconsin; Section 9, T21N R20E, Township of Wrightstown.

Brown County Land & Water Conservation Department staff in cooperation with DATCP developed an engineering plan and designed a leachate system and waste containment for the site meeting current applicable NRCS Standards 313, 629 and 634. The engineering plan was approved by DATCP and construction began in the Fall of 2011 and was completed in the Spring/Summer of 2012. The As-Built condition of the site meets the approved plans specifications.



Before – Leachate leaving feed bunker area



Before – Leachate leaving site to receiving waters



Before – Site with inadequate storage for leachate





After - Spreader wall & gravel with vegetated waste treatment area

After - First flush tank and PLC system



After - Expanded storage for adequate leachate storage



Land and Water Conservation Department

# Brown County

1150 Bellevue Street  
GREEN BAY, WI 54302

BILL HAFS

PHONE (920) 391-4620 FAX (920) 391-4617 WEB: www.co.brown.wi.us

COUNTY CONSERVATIONIST

June 29, 2012

James & Christine Leick  
c/o Greenleaf Ledge Dairy LLC  
1966 Day St.  
Greenleaf, WI 54126

Subject: Performance Standards and Prohibitions

Dear James & Christine Leick,

Thank you for your most recent efforts to improve and protect our state's water resources. This letter is to acknowledge that you have successfully implemented nonpoint source pollution control best management practices on your farm under cost-share agreement TRM-005. Installing practices under this cost share agreement has brought you into compliance with performance standards and prohibitions as described in the table below.

Name and Citation of Standard/Prohibition	Identification of Parcel Where Compliance Was Achieved
Prohibition on direct runoff from a feedlot or stored manure (s. NR 151.08(4))	W-453
Nutrient Management (s. NR 151.07)	W-453, W-457

In accordance with ch. NR 151, Wis. Adm. Code, any cropland practice or livestock facility that is brought into compliance with a state performance standard or prohibition must remain in compliance in perpetuity regardless of future cost sharing. Since you are now deemed in compliance with state standards and prohibitions as identified above, it is required that you and any future landowners or operators maintain compliance with the standards and prohibitions at the parcels identified.

This letter only addresses the compliance status on your farm resulting from practices installed under the cost share agreement identified above. There may be additional information on file for your farm concerning your compliance status with state performance standards and prohibitions. If you have any further questions, please contact me at (920) 391-4638.

Sincerely,



Jon Bechle, Program Manager  
Brown County Land and Water Conservation Department

Cc: Tim Parsons, DNR-Madison, CFA/2  
Amy Callis, DNR-Madison, WT/3

