

Notice: This application form template was created by the Wisconsin Department of Natural Resources. Application is hereby made to the Wisconsin Department of Natural Resources, Bureau of Watershed Management, for grant assistance consistent with s. 281.65, Wis. Stats., and Chapters NR 153 and NR 154, Wis. Adm. Code. Collection of this information is authorized under the authority of s. 281.65, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law [ss. 19.31 - 19.39, Wis. Stats.]. *Unless otherwise noted, all citations refer to Wisconsin Administrative Code.*

Please read the [instructions](#) prior to completion of this form. Complete all sections as applicable.
Refer to the instructions for attachments.

Applicant Information

Calendar Year of Grant Start 2016

Project Name

Cedar Creek - Bakake Acres, LLC Manure Management

Governmental Unit Applying (name and type) (e. g. Dane County Land and Water Resources Department)

Waupaca County Land & Water Conservation Department

Governmental Unit Web Site Address

<http://www.co.waupaca.wi.us/>

Name of Responsible Government Official - Authorized Signatory
(First Last)

Brian Haase

Title

County Conservationist

Area Code + Phone Number

(715) 258-6482

Name of Government Official - Grant Contact Person (First Last)(if different)

Title

Area Code + Phone Number

E-Mail Address

brian.haase@co.waupaca.wi.us

E-Mail Address

Mailing Address - Street or PO Box

811 Harding St

Mailing Address - Street or PO Box

City

Waupaca

State

WI

ZIP Code

54981

City

State

WI

ZIP Code

Part I. Project Information

A. Project Category: Total Maximum Daily Load (TMDL) or Non-TMDL

- ☐ 1. **TMDL Project:** The project must meet all of the following criteria:
- The project is in a geographical area covered by an EPA-approved TMDL.
 - The project addresses the most critical nonpoint pollution sources of the agricultural nonpoint pollutants identified in the TMDL document.

Provide the title of the TMDL report that this project implements. (TMDL link: <http://dnr.wi.gov/topic/tmdls/tmdlreports.html>).

Provide a link to the report, if available.

Provide the document page number(s) that identify the pollutants and sources being addressed by this project.

- ☒ 2. **Non-TMDL Project:** The project must be designed to achieve attainment of the NR 151 agricultural performance standards and prohibitions.

Small-Scale Ag. TRM Grant Application

Form 8700-300 (R 1/15)

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TRM Grant Project Name:

Cedar Creek - Bakake Acres, LLC Manure Management

- ☒ 4. The applicant certifies that funding from this grant will **not** be used for best management practices for which the DNR or local unit of government included a previous offer of cost sharing as part of a NR 151 notice or county notice that meets requirements of NR 151.09 or NR 151.095.
- ☒ 5. The project is consistent with the county Land & Water Resources Management Plan (LWRMP), plan amendment, or work plan prepared under s. ATCP 50.12, Wis. Adm. Code, and the approved LWRMP plan amendment, work plan or Inter-Governmental Agreement with DNR includes a qualifying strategy to implement state agricultural performance standards and prohibitions contained in subch. II of NR 151.

Identify the document name and date approved by the Land & Water Board.

Name: Waupaca County Land & Water Resource Management Plan

Date 04/03/2012

- a. To demonstrate consistency with the LWRMP, identify the goals, objectives or activities from the LWRMP, plan amendment or work plan related to the resource(s) of concern being addressed by the project.
2012-2021 Waupaca County LWRM Plan (Pg 38-40 & 72-74)
- b. To demonstrate a qualifying NR 151 implementation strategy, identify the implementation strategy outlined in the approved LWRMP document. Provide page numbers and a web link or attach hard copy of the pages.
2012-2021 Waupaca County LWRM Plan (Pg 65-70)
www.co.waupaca.wi.us/departments/landandwaterconservation.aspx

- ☒ 6. The project will be completed within 24 months of the start of the grant period.
- ☒ 7. Staff and contractors designated to work on this project have adequate training, knowledge and experience to implement the proposed project.
- ☒ 8. Staff or contractual services, in addition to those funded by this grant, will be provided if needed.
- ☒ 9. The local DNR Nonpoint Source Coordinator (see <http://dnr.wi.gov/topic/nonpoint/NPScontacts.html>) has been contacted and the project was discussed.

Name of the Local/DNR Nonpoint Source Coordinator Contacted	Date Contacted	Subject of Contact
Erin Hansen	04/04/2014	Also contacted 4/10/15 regarding re-submittal of 2014 TRM

- ☒ 10. If this application is for a livestock facility, an Animal Units Calculation Worksheet (Form 3400-25a) for existing and future livestock numbers is attached. (Form available at: http://dnr.wi.gov/topic/AgBusiness/documents/3400025A_WT.doc).
- ☐ 11. If this is a joint application among local units of government, a draft of the Inter-Governmental Agreement is attached. (See [Attachment H](#))

Part II. Competitive Elements

A. FINANCIAL BUDGET TABLE

A.1. Detailed Budget for every BMP checked in Part I. G. above. The grant amount is capped at \$150,000.

A Detailed List of Project Activities and Sub-activities Eligible for DNR Cost Sharing	B Amount Eligible for DNR Cost Sharing (\$)
Construction Components:	
Manure Storage - 6 month concrete lined lagoon, excavation/fill, fencing, silt fence.	134,800
Manure Transfer - Piston pump, impeller pump, concrete tanks, transfer lines.	62,200
Heavy Use Area Protection - Cattle traffic areas.	18,100
Underground Outlets - Plastic Tile, outlet pipes.	4,300
Diversion - Earth berm	3,500
Nutrient Management Planning	
Roof Runoff - Roof gutters.	2,500
Private Engineering Activities	
1. Construction Subtotal	225,400
2. Local Force Account Activities (Entry is limited to \$10,715 or .05263 of Row 1, whichever is less.)	10,715

Cost-Sharing:

A	B Eligible Project Totals	C Cost-Share %	D Eligible Cost-Share
3. Construction-related Subtotal: [add Rows 1 and 2]	\$ 236,115	70 %	\$ 165,281
4. Property Acquisition: Fee Title & Easement	\$	70 %	\$
5. Project Grand Totals: [add Rows 3 and 4]	\$ 236,115		\$ 165,281

Cap Test:

6. Maximum State Share: [row 5, column D or \$150,000, whichever is less]	\$ 150,000
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State and Local Share:

7. Requested State-Share Amount (Enter Requested Grant Amount)	\$ 150,000
8. Local-Share Amount: [row 5, column B less row 7]	\$ 86,115

A.2. Use of Additional Funding

☐ Check this box if both of the following conditions are met.

- The requested state-share amount in row 7 is less than the \$150,000 grant cap.
- The requested state-share amount in row 7 is below the maximum state-share in row 6. (The resulting cost-share rate is less than 70%.)

B. Method Used to Calculate Cost Estimates: Select the appropriate option. Attach design, bid, estimate documentation, as applicable.

- ☐ 1. Project costs are based on completed design and competitive bid on the project. Construction components and costs above should be detailed. Provide the supportive documentation attached to this application.
- ☐ 2. Project costs are based on completed design with materials and labor costs based on similar, recently bid projects. Construction components in C. above should be detailed. Provide the supportive documentation in this application.
- ☒ 3. Project design is not complete; however, the proposed project and costs are based on similar and recent projects and costs. Provide as much construction detail in C. above as possible. Provide the supportive documentation in this application
- ☐ 4. Project design is not complete and the cost estimate is based on an average or a range of projects and costs. Provide as much construction detail in C. above as possible. Provide the supportive documentation in this application.
- ☐ 5. Project and costs are less specific than choices above.
Provide explanation of cost estimates below or attached to this application.
A preliminary construction design is completed. Cost estimates are based on quantities from the preliminary design using last years average unit costs for materials in Waupaca County.

Provide the title of the EPA-approved nine key element plan this project implements.

Groundwater Considerations For assistance with this section, consult the local DNR Drinking Water and Groundwater Specialist (<http://dnr.wi.gov/topic/drinkingwater/documents/countycontacts.pdf>) or the County Extension Office. Attach supporting documentation.

- ☐ 5. Exceeds Groundwater Enforcement Standard
Pollutant Causing Impairment: _____
- ☐ 6. Exceeds Groundwater Preventive Action Limit
Pollutant Causing Impairment: _____
- ☐ 7. Groundwater Susceptible to Contamination by Agricultural Nonpoint Source Pollutants

E. Drinking Water Bonus Points:

Yes

- ☒ Check this box if the project water quality goals identified above relate to the reduction of nonpoint source contaminants in community or non-community public drinking water supplies. This includes any of the following: Municipal water supplies governed by chs. NR 809 and 811; Other-Than-Municipal (OTM) water supplies governed by chs. 809 and 811; Non-Transient water supplies governed by chs. NR 809 and 812; Transient water supplies governed by chs. NR 809 and 812.

1. If "Yes" and you checked box 5, 6, or 7 above, then mark a, b or c below and move on to question F. (You will need assistance from your local DNR Nonpoint Source Coordinator (<http://dnr.wi.gov/topic/nonpoint/NPScontacts.html>) or Water Supply Specialist (<http://dnr.wi.gov/topic/drinkingwater/documents/countycontacts.pdf>) to answer.)

- ☐ a. Check this box if the project is located: within the wellhead protection area of a municipal well, or within 1,200 feet of a municipal well for which a wellhead protection area is not delineated, or within 1,200 feet of an "Other-Than-Municipal (OTM)" water supply well, or within 1,200 feet of a non-transient water supply well
- ☐ b. Check this box if the project is located within 200 feet of Transient water supply well.
- ☐ c. Check this box if you did not select a or b.

2. If "Yes" and you checked box 1, 2, 3, or 4 for surface water considerations above, then place a check mark next to the drainage area where the project is located (see below).

- | | |
|---|---|
| <input type="checkbox"/> Pike River and Creek | <input type="checkbox"/> Twin Rivers |
| <input type="checkbox"/> Root River | <input type="checkbox"/> Kewaunee and Ahnapee Rivers |
| <input type="checkbox"/> Oak Creek | <input type="checkbox"/> Menominee River |
| <input type="checkbox"/> Milwaukee River | <input type="checkbox"/> Fish Creek |
| <input type="checkbox"/> Sauk Creek | <input type="checkbox"/> St. Louis and Nemadji Rivers |
| <input type="checkbox"/> Sheboygan and Onion Rivers | <input checked="" type="checkbox"/> Lake Winnebago |
| <input type="checkbox"/> Manitowoc River | |

F. Nature of the Water Quality Impact. Check the box if the statement applies to receiving waters that are being affected by the project site.

H. Cost-Effectiveness

1. a. Explain how the proposed best management practices are a reasonable means to achieve NR 151 Performance Standards and Prohibitions (PS&Ps) or TMDL water quality goals. Include factors such as cost-effectiveness, site feasibility, available technical standards, and practicality. If applicable, include information to demonstrate that BMP(s) are sized to meet current and allowable insignificant growth needs of the operation (e.g. concrete pads for barnyards, feed storage, etc.) to achieve PS&Ps and water quality goals.

The proposed 180 day manure storage system is the only method to reasonably guarantee an end to animal waste overflow and poorly placed winter applications from this facility and give the operators the ability to meet Performance Standards by only spreading manure during appropriate times and locations. The structure will be built to existing NRCS 313 standards and the process may include NRCS 313 updates to the existing structure that does not meet current standards. Additionally the site will include barnyard runoff control from a heifer barnyard that drains to a wetland. Other options all include winter spreading of manure and are considered Risk Management at best. Designs are based on 20% growth over existing animal numbers. See attached design sheet and Animal Unit calculations for current and allowable growth needs.

- b. DNR requires that new or substantially altered manure storage facilities be designed to meet the applicable NR 151 PS&Ps. Typically, a manure storage facility that is designed and maintained to provide 180 days of storage is sufficient to meet NR 151 PS&Ps. The state share should be based only on the cost to construct a facility to meet NR 151 PS&Ps. Submit the WASTE STORAGE FACILITY DESIGN - 313 STANDARD worksheet or equivalent information to support the facility size and cost information submitted in this application.

See attached design sheets. Included is a design sheet for a manure storage that is for 180 days for current animal numbers plus 20% expansion (DNR's allowable, reasonable growth). Also included is the same sheet for 115 days storage which takes into consideration the existing 65 days (~142,000 Cu Ft) of storage which still can be used. All cost estimates are based off the 115 day design. Cost estimates also include updating the existing storage to current NRCS 313 standards.

-
2. If other alternative management measures were evaluated, list them here and describe why the alternative(s) is not being recommended.

The alternative management already exists in the form of inadequate winter manure storage. Currently winter hauling of manure is the least cost alternative to long term manure storage, but is no longer considered feasible due to a shortage of 590 approved, winter spreadable land that can be accessed throughout winter conditions and during Spring when road limits restrict access. Auer's have received a letter from DNR documenting this issue. Furthermore the current situation has lead to several 2014 overflows (NR 151.08(2) violations) of the existing storage lagoon. Nutrient distribution and P indexing becomes uneven due to a large percentage of this farm's manure being spread in accessible areas during winter.

I. Project Evaluation Strategy

1. Project Modeling and Measures of Change

Describe the strategy that will be implemented to evaluate the pre- and post-project pollution potential and pollutant loading data that is required for the Final Project Report. Describe the pre- and post-project evaluation modeling methods and measures that the applicant will use to measure success in achieving the NR 151 PS&Ps or TMDL project goals. See the instructions for lists of BMPs, PS&Ps, modeling and measurement methods and units of measure.

Project goal monitoring strategy will consist of an annual review of the farm's nutrient management plan (NR 151.04 & NR 151.07) which is required by Waupaca County ordinance to be submitted to Waupaca County annually after completion of a manure storage facility. Soil nutrient levels, application levels and P index will be reviewed on the approximately 335 acres within the plan. Before and after BARNY modeling is done on animal lot areas.

Additionally, it is anticipated that this farm will participate in the Farmland Preservation Program and therefore be subject to additional routine compliance checks.

2. Water Quality Monitoring (not eligible for cost sharing at this time)

If, in addition to the above, the project evaluation strategy includes evaluating BMP effectiveness and/or pre- and post-project water resource monitoring, and the information will be provided to DNR, check all that apply below.

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TRM Grant Project Name:

Cedar Creek - Bakake Acres, LLC Manure Management**Part III. Eligibility for Local Enforcement Multiplier**

Completion of Part III is optional. However, an applicant can increase the final project score by qualifying for a project multiplier. Check the one enforcement authority situation which best applies to the governmental unit applying for a TRM grant combined with the proposed project.

- ☐ The applicant certifies that it has local authority to enforce all state agricultural performance standards and prohibitions at all sites within the local jurisdiction where such state agricultural performance standards and prohibitions apply. *Multiply the initial project score by a factor of 1.15.*
- ☒ The applicant certifies that it has local regulations that give local authority to enforce most, but not all, of the state agricultural performance standards and prohibitions at all sites within the local jurisdiction where such state agricultural performance standards apply; and this project addresses an enforceable performance standard or prohibition. *Multiply the initial project score by a factor of 1.10.*
- ☐ The applicant certifies that it has local regulations that give local authority to partially enforce some of the state agricultural performance standards and prohibitions at some, but not all, of the sites within the local jurisdiction; and, this project addresses an enforceable performance standard or prohibition on a site under local jurisdiction. *Multiply the initial project score by a factor of 1.05.*
- ☐ Applicant has no local authority to enforce state agricultural performance standards and prohibitions within the local jurisdiction for this proposed project. *No multiplier is earned.*

Copies of ordinances for which credit is taken in this section are: (choose at least one)

- ☒ Found at this website (provide most direct web page URL).
www.co.waupaca.wi.us/Departments/LandandWaterConservation.aspx
- ☐ Attached to this application.
- ☐ Already attached to another application for funding.

Optional Additional Information

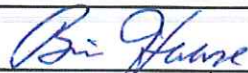
Carefully review the answers to all of the questions above. Is there additional information that will add to the understanding of this project? If so, describe here.

When the project is complete, the farmstead will comply with all NR 151 rules and will be issued a certificate of compliance by Waupaca County LWCD. A copy will be forwarded to the DNR Agricultural Runoff Management Specialist.

Applicant Certification

A Responsible Government Official (authorized signatory) must sign and date the application form prior to submittal to the DNR. The governmental official with signatory authority must be the person authorized by the Governmental Responsibility Resolution. I certify that, to the best of my knowledge, the information contained in this application and attachments is correct and true.

Signature of Authorized Government Official.



Date Signed

4/15/15

Name (Please Print)

Brian Haase

Title

County Conservationist

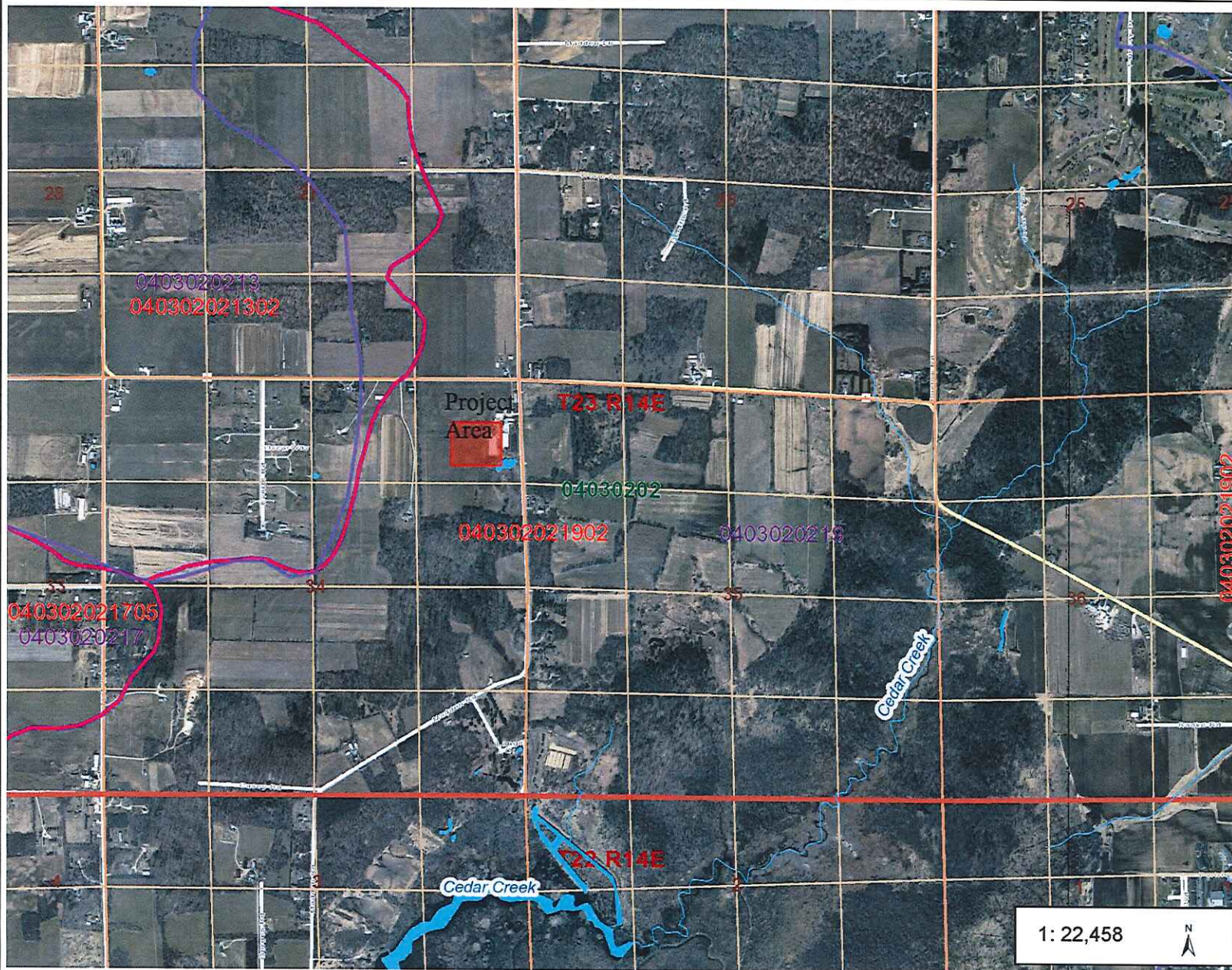
- ☐ The required, completed Governmental Responsibility Resolution (signed in blue ink) (see [Attachment I](#)) is attached.

Submittal Directions

Please use this page to write any constructive comment(s) you might have to improve this application.
Thank you.



Bakake Acres, LLC



Legend

- Watersheds
- Lakes
- Rivers & Streams
- 12-digit HUCs (Subwatersheds)
- 10-digit HUCs (Watersheds)
- 8-digit HUCs (Subbasins)
- Township
- Section
- Quarter-Quarter
- Cities, Towns & Villages
 - City
 - Village
 - Civil Town
- Rivers and Streams
- Open Water
- 2010 Air Photos (WROC)

Notes



Bakake Acres, LLC (Well Location)



Legend

- Rivers and Streams
- Open Water
- 2010 Air Photos (WROC)



0.2 0 0.12 0.2 Miles

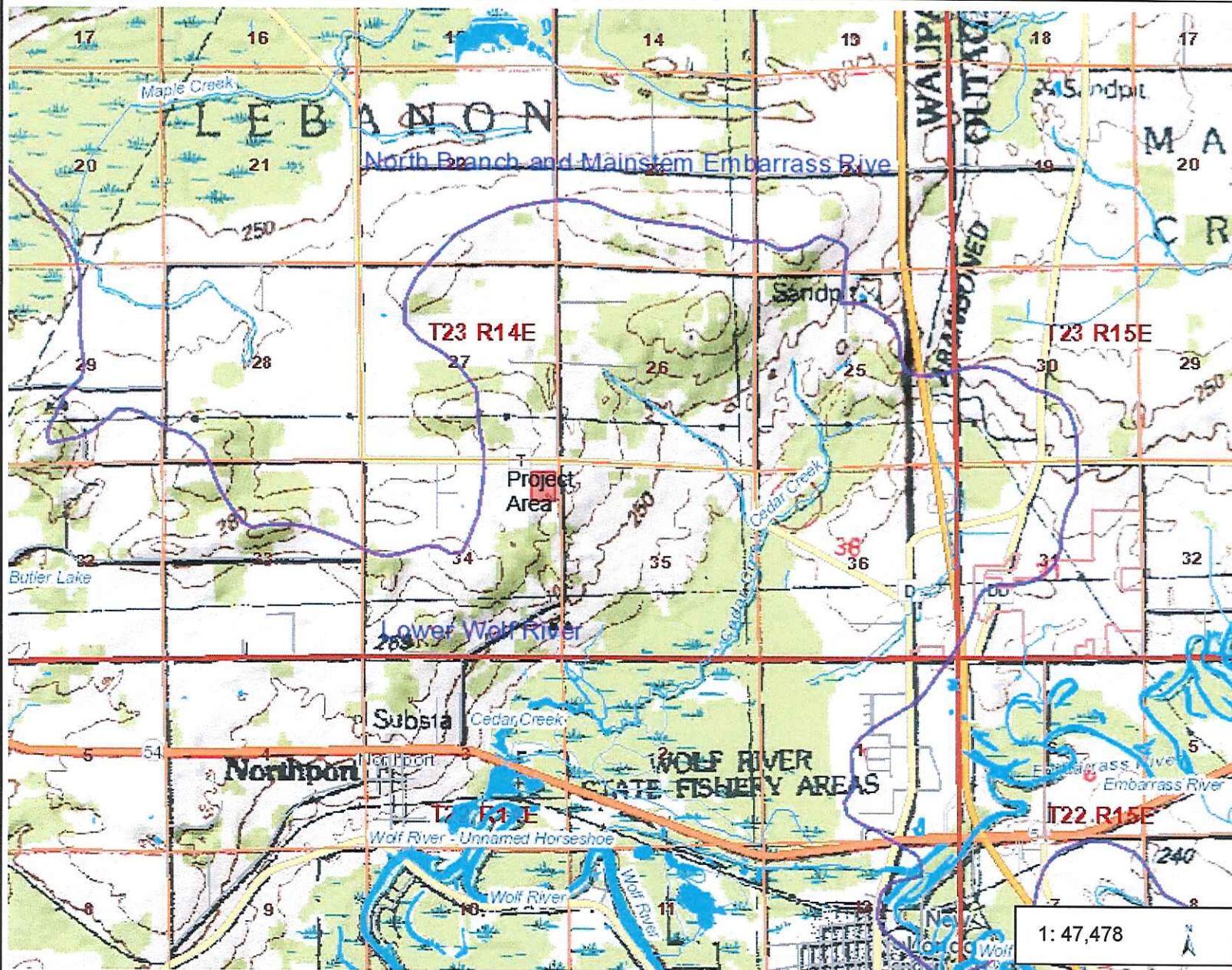
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Notes



Bakake Arcres, LLC



Legend

- Watersheds
- Lakes
- Rivers & Streams
- Township
- Section
- Cities, Towns & Villages
 - City
 - Village
 - Civil Town
- Rivers and Streams
- Open Water

Notes

1.5 0 0.75 1.5 Miles

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DATE: May 28, 2014 (updated 4/14/15)

TO: File

FROM: Erin Hanson, Nonpoint Source Coordinator NER

SUBJECT: Manure Storage Overflow

FILE REF: Auer Farm – Waupaca County

4/14/14 - Hanson received an anonymous complaint of overflowing manure storage at the Auer farm on N5271 Madden Rd. Flow path was described as marked by the red arrows in the site overview photo below. Manure ran through the road ditch and ponded in a depression across the road on property owned by Robert Worm (photos on following page). Hanson phoned Brian Haase (Waupaca County LWCD) who said their office had been in contact with the farm and that Auer was looking for an available hauler to remove manure from the storage.



- 4/15/14** – Haase told Hanson LWCD staff would be visiting the farm. Hanson discussed telling Auer to empty some manure using their own equipment, berm up the area where the storage is overflowing, block the road ditch to prevent it from moving off site, and to recover what had overflowed. Hanson later received word that some manure had been pumped out of storage, preventing it from overflowing, but that it was still above maximum operating level.
- 5/12/14** – Hanson received a report of additional manure storage overflow and runoff from an unconfined manure stack into the road ditch the week prior. LWCD staff visited the farm and observed that manure had been removed from the storage over the weekend, giving Auer approximately 5 feet of available storage.
- 5/15/14** – Hanson and Warden Kernosky stopped at the farm and spoke with Grady Auer at approximately 10:30 am. Hanson reminded Auer that it is his responsibility to ensure there is no overtopping of the manure storage and that he is required to remove spilled manure from the road ditch and his neighbor's property. Hanson told Auer to contact his neighbor, Worm, to work out a plan for removing the ponded manure. Auer said that he had equipment available to clean up the ditch and ponded manure, but did not commit to completing the cleanup.
- 5/27/14** – Hanson received a phone call from Worm who was concerned that manure was still ponded on his property. Worm had not been contacted by Auer to discuss options to clean up the spilled manure.
- 5/28/14** – Beth Erdman (DNR Spills Coordinator) sent Auer a Spills Responsible Party Packet and discussed cleanup with Auer. Erdman received report from Auer indicating manure was removed from ditch and field. Spill closed 7/23/15.

Manure running out of storage into Madden Road ditch, 4/14/14.



Manure ponded in adjacent property owned by Robert Worm, 4/14/14.



State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



January 14, 2014

James Auer
Bakake Acres
N5271 Madden Rd
New London WI 54961

Subject: Improper Manure Application

Dear Mr. Auer:

On December 26, 2013 the Department of Natural Resources (Department) received a report of liquid manure spread on frozen and snow covered on field located in NW ¼ of Section 34, Town 23N, Range 14E, in the Township of Lebanon, Waupaca County. Based on soil survey maps and follow-up investigation, the Department concludes that portions of this field include slopes of greater than 9% and that the manure was from your farm operation located in the NE ¼ of Section 34.

Wisconsin Administrative Code Chapter NR 151.07(3) states that "manure, commercial fertilizer and other nutrients shall be applied in conformance with a nutrient management plan." Natural Resources Conservation Practice Standard 590 for Nutrient Management advises **nutrients should not be applied on slopes greater than 9% when frozen or snow-covered soils prevent effective incorporation at the time of application.** The exception is manure may be applied on slopes up to 12% where cropland is contoured or contour strip cropped.

It is your responsibility to ensure that manure from your operation is applied according to a nutrient management plan, as required by NR 151.07(3). Winter application of liquid manure on steep slopes poses a high risk of runoff and loss of nutrients to adjacent waters during times of snow melt. It is important that you understand, and convey to those applying manure from your farm, the importance of preventing manure runoff from fields. Significant runoff that results in a discharge of pollutants to waters of the state is an unacceptable practice, and may result in Department action such as a Notice of Discharge or citation.

The County Land & Water Conservation Department may be able to assist you with obtaining cost-share for additional manure storage, if necessary, to allow you to avoid spreading manure during winter and other times of high risk. Contact Brian Haase, at 715-258-6482, for additional information. Another tool available to help you find safe times for manure application is an online runoff risk forecast (www.manureadvisorysystem.wi.gov).

Contact me at 920-662-5419 or ErinE.Hanson@wisconsin.gov if you have any questions about this letter.

Sincerely,

Erin Hanson
Regional Nonpoint Source Coordinator

e-copy: A. Callis, C. Jones, R. Stoll

B. Haase, Waupaca County Land & Water Conservation Department
Scott Cartwright (manure applicator), Mike Kiddy (crop consultant), Paul Knutzen (crop consultant), Steingraber Trust (landowner)

WASTE STORAGE FACILITY DESIGN - 313 STANDARD

CLIENT: Auer COUNTY: Waupaca DATE:
 DSN BY: DM CHK BY: DATE:
 COMMENTS:

ANIMAL TYPE> 1 (1=DAIRY, 2=BEEF, 3=VEAL, 4=SWINE(finishing), 5=SWINE(farrowing), 6=POULTRY, 0=OTHER)

For Dairy: Rolling Herd Average 25,000 lbs/cow/yr Is it a stanchion barn? n (Y or N)

MANURE AND WASTEWATER

LIVESTOCK		AVG. WT.	DAILY OUTPUT, CU FT			DAYS OF	VOLUME	ANIMAL
KIND	NUMBER	PER HEAD	MANURE	BEDDING	TOTAL	STORAGE	REQUIRED	UNITS
Cows	432	1,400	2.53	0.60	1352.2	115	155,498	605
Heifers	120	900	1.44	0.10	184.8	115	21,252	108
Calves	40	200	0.32	0.00	12.8	115	1,472	8
				0.00				

WASTEWATER: 3428 GAL/DAY 458.3 CU FT/DAY 721 TOT. A.U.

TOTAL DAILY VOLUME: 2008.0 CU FT / DAY

Total Manure and Wastewater
 Expected % solids in waste (Includes runoff and precip.)

1,727,324	GALLONS
230,926	CU FT
9.3	%

RUNOFF VOLUME

MONTHLY RUNOFF

RCN 95 4.6 IN. X 6,500 Ft2 Drainage Area= 2,492 CU FT
 12 (Do not include storage area)

25-Year, 24-HOUR RUNOFF

RCN 95 3.92 IN. X 6,500 Ft2 Drainage Area= 2,126 CU FT
 12 (Do not include storage area)

Total for Manure, Milking Center, Runoff Volume, and 25 Yr Runoff

1,761,863	GALLONS
235,543	CU FT

PRECIPITATION

Does the facility collect precipitation? (No roof or lid) 1 (1 for yes, 2 for no)
 Beginning Month for Precip. Collection 11 (1=Jan, 2=Feb, etc.)

Precipitation minus evaporation

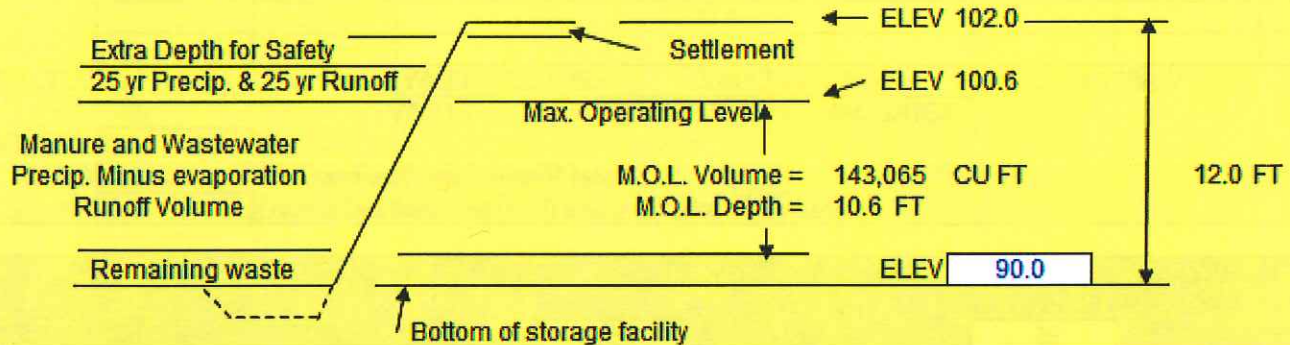
Average Precipitation on Storage Surface	5.2 INCH	0.4 FT
Average Evaporation from Storage Surface	- 2.6 INCH	- 0.2 FT
Net Precipitation on Storage Surface	2.6 INCH	0.2 FT

25-Yr, 24-Hr Precip on Storage Surface 4.5 INCH 0.4 FT

REMAINING WASTE	(If no sump, use these minimums: ponds -2', tanks-1')	<input type="text" value="0.0"/> FT
EXTRA DEPTH FOR SAFETY	(1-ft. Minimum)	<input type="text" value="1.0"/> FT
SETTLEMENT	(5% of Embankment Height)	<input type="text" value="0.0"/> FT
M.O.L. DEPTH	(Depth to hold Manure, Wastewater, Runoff, and Precip.)	<input type="text" value="10.56"/> FT
Total Depth of the Storage Facility		<input type="text" value="12.0"/> FT

Print down to here

STORAGE FACILITY ELEVATIONS



STORAGE DIMENSIONS AND SIZING

SIDE SLOPES OF STORAGE	(Use "0" for walls)	<input type="text" value="2.5"/> :1
CHOOSE A BOTTOM WIDTH		<input type="text" value="100"/> FT
BOTTOM LENGTH REQUIRED		<input type="text" value="152"/> FT
ROUND STORAGE BOTTOM DIAMETER		<input type="text" value="144"/> FT

SECTION FOR FIGURING VOLUME OF A CHOSEN OR EXISTING STORAGE FACILITY

RECTANGULAR	BOTTOM SIDE 1:	<input type="text" value="100"/> FT	
	BOTTOM SIDE 2:	<input type="text" value="79"/> FT	
	M.O.L. VOLUME PROVIDED:	143,065 CU FT	1,070,123 GALLONS
	DAYS STORAGE PROVIDED:	68 DAYS	
TOTAL VOLUME FROM BOTTOM TO SETTLED TOP:		173,640 CU FT	1,298,827 GALLONS
ROUND	CHOOSE BOTTOM:	<input type="text" value="136"/> FT DIAM	
	M.O.L. VOLUME PROVIDED:	220,563 CU FT	1,649,815 GALLONS
	DAYS STORAGE PROVIDED:	105 DAYS	
	TOTAL VOLUME FROM BOTTOM TO SETTLED TOP:		262,537 CU FT

EMBANKMENT DIMENSIONS

STA.	ELEV.	OUT Z	TOP W.
0	98.0	3	10
600	98.0	3	10

STA.	ELEV.	OUT Z	TOP W.

1=RECT, 2=CIRC:

AVG.GRADE FOR CUT:

BOTTOM WIDTH: 100 FT (From G81)

BOTTOM LENGTH: 79 FT (From G82)

INSIDE SLOPE: 2.5 :1 (From G70)

BOTTOM ELEVATION:

TOP ELEVATION:

EXCAVATION

(finished grades and lines)

AVERAGE STRIPPING DEPTH INCHES

STRIPPING IN POND 593 CU YD

POND EXC. BELOW STRIPPING 2,966 CU YD

STRIPPING UNDER DIKE 773 CU YD

SUMP EXCAVATION 0 CU YD

SUMP

BOTTOM LENGTH FT

BOTTOM WIDTH FT

SUMP DEPTH FT

TOTAL STRIPPING CU YD

AVERAGE SIDE SLOPE :1

TOTAL EXC. BELOW STRIPPING CU YD

FILL FILL LOSS FACTOR %

DIKE FILL CU YD

EXTRA FILL: CU YD (Based on total excavation and dike fill including loss factor)

Print to here

LINER COMPUTATIONS

DIMENSIONS FOR USE IN CONSTRUCTION

CLAY LINERS

LINER THICKNESSES

BOTTOM IN.

SIDES IN. THICK

LINER WIDTH (on side slopes) 13.5 FEET

EXCAVATION OFFSET (for liner excavation) 6.0 FEET

BOTTOM EXCAVATION DIMENSIONS: Width 111.9 FEET

Length 90.9 FEET

LINER VOLUMES (CU YD)

COMPACTION & OTHER LOSSES %

(Recommend 70% min. for trucked clay)

LINER TO TOP		LINER TO ELEV.	
CLAY LINR	EXTRA EXC	102.0	EXTRA EXC

TOP PORTION LINER ONLY? (Y or N)

TOP ELEVATION FOR CLAY LINER

INSIDE SIDE SLOPE 2.5 :1 (From G70)

BOTTOM	2,224	1,308	2,224	1,308
SIDES	5,410	3,182	5,410	3,182
TOTAL	7,634	4,490	7,634	4,490

[Print Clay Liner](#)**CONCRETE LINERS****BOTTOM DIMENSIONS:**

WIDTH 100 FT, (From G81)

LENGTH 79 FT, (From G82)

TOP ELEVATION OF CONCRETE THICKNESS OF CONC., Bottom INCHESTHICKNESS OF CONCRETE, Sides INCHES

	AREA	VOLUME
BOTTOM	7,900 SQ FT	122 CU YD
SLOPE	15,445 SQ FT	238 CU YD
TOTAL	23,345 SQ FT	360 CU YD

STEEL AMOUNTS

	BAR SIZE (3,4,5,etc)	SPACING (IN)	GRADE	BAR END LAP, IN.	LENGTH IN FACILITY	LIN FT	NUMBER OF 20' BARS	BAR SIZE	LBS
WIDTH	<input type="text" value="3"/>	<input type="text" value="18"/>	<input type="text" value="60"/>	12	164.6	15,927	839	3	6,311
LENGTH	<input type="text" value="3"/>	<input type="text" value="18"/>	<input type="text" value="60"/>	12	143.6	15,906	838	3	6,303

[Print Concrete Liner](#)**HIGH DENSITY POLYETHYLENE (HDPE)**(This area only works for rectangular ponds at this time.
Therefore C105 must be "1".)**DIMENSIONS:**

BOTTOM WIDTH 100 FEET

BOTTOM LENGTH 79 FEET

DEPTH 12 FEET

HDPE
MATERIAL NEEDED SQ FTEXTRA FOR SEAMS AND PATCHES %EXTRA LENGTH FOR TRENCHES FEET[Print HDPE
Liner Data](#)**GCL's (Geosynthetic Clay Liners)**(GCL's are covered by 12" of material in the bottom
and 24" of material on the slopes.)(This area only works for rectangular ponds at this time.
Therefore C105 must be "1".)**STORAGE FACILITY DIMENSIONS**

BOTTOM WIDTH 100 FEET

BOTTOM LENGTH 79 FEET

DEPTH 12 FEET

EXTRA FOR SEAMS AND PATCHES %EXTRA LENGTH FOR TRENCHES FEETCOVER MATERIAL LOSSES %

(Recommend 40% min. for trucked cover material)

GCL
MATERIAL NEEDED 31,319 SQ FT**COVER MATERIAL NEEDED**

BOTTOM 465 CU YD

SLOPES 1,771 CU YD

TOTAL 2,236 CU YD

[Print GCL Data](#)

WASTEWATER

CLIENT: Auer

DATE:

General- In each category you can use default values or enter your own values in the blanks.
If you say Y, that you want the default values, any values in the white cells will be ignored.

432 Cows being milked

Days of Storage: 115

Parlor WaterDo you want to use the default values? Y=yes; N=no

Default Values

		gal/day/cow	gal/day
Cleaning parlor floors, cows and milkers	<input type="text"/>	2.0	864
Cleaning bulk tank and pipelines	<input type="text"/>	0.8	346
Plate cooler water if not reused	<input type="text"/>		
Other	<input type="text"/>	0.7	302
	0 total gal/day	3.5	1512

1512 gal/day**Holding area cleaning**Do you want to use the default values? Y=yes; N=noIs the holding area flushed? Y=yes; N=no

Default Values

Your entered values		gal/day/cow	gal/day
Flushed holding area	<input type="text"/>	4.0	1728
Non-flushed holding area	<input type="text"/>	2.0	864

864 gal/day**Sprinklers/Misters** (It is assumed that half of water used for sprinklers goes to storage.)Do you want to use the default values? Y=yes; N=no

Default Values

Your entered values		gal/day/cow	
How often are sprinklers used in holding area?	<input type="text"/>		days
Daily sprinkler volume used in holding area	<input type="text"/>	12	5184 gal/day
How often are sprinklers used in barn?	<input type="text"/>		days
Daily sprinkler volume used in barn	<input type="text"/>	12	5184 gal/day

Note: The water use and collection comes during the days shown.
It is apportioned out to the storage period shown in cell H5 above.

**902 gal/day
to storage****Waterers**Do you want to use the default value? Y=yes; N=no

Default Value

If not, enter your choice here: gal/day/cow **778 gal/day****SUMMARY**

Total Gallons per day: **4055 gal/day**
(Goes to Waste Storage Design tab, D17)

542 cu ft/day
9.4 gal/day/cow

WASTE STORAGE FACILITY DESIGN - 313 STANDARD

CLIENT: Auer COUNTY: Waupaca DATE: 3/11/16
 DSN BY: DM CHK BY: _____ DATE: _____
 COMMENTS:

ANIMAL TYPE> 1 (1=DAIRY, 2=BEEF, 3=VEAL, 4=SWINE(finishing), 5=SWINE(farrowing), 6=POULTRY, 0=OTHER)

For Dairy: Rolling Herd Average 25,000 lbs/cow/yr Is it a stanchion barn? n (Y or N)

MANURE AND WASTEWATER

LIVESTOCK		AVG. WT.	DAILY OUTPUT, CU FT			DAYS OF	VOLUME	ANIMAL
KIND	NUMBER	PER HEAD	MANURE	BEDDING	TOTAL	STORAGE	REQUIRED	UNITS
Cows	432	1,400	2.53	0.60	1352.2	180	243,389	605
Heifers	120	900	1.44	0.10	184.8	180	33,264	108
Calves	40	200	0.32	0.00	12.8	180	2,304	8
				0.00				

WASTEWATER: 3730 GAL/DAY 498.7 CU FT/DAY 721 TOT. A.U.

TOTAL DAILY VOLUME: 2048.4 CU FT / DAY

	2,757,997	GALLONS
Total Manure and Wastewater	368,716	CU FT
Expected % solids in waste (Includes runoff and precip.)	8.8	%

RUNOFF VOLUME

MONTHLY RUNOFF

RCN 95 12.2 IN. X 6,500 Ft² Drainage Area= 6,608 CU FT
 12 (Do not include storage area)

25-Year, 24-HOUR RUNOFF

RCN 95 3.92 IN. X 6,500 Ft² Drainage Area= 2,126 CU FT
 12 (Do not include storage area)

	2,823,329	GALLONS
Total for Manure, Milking Center, Runoff Volume, and 25 Yr Runoff	377,450	CU FT

PRECIPITATION

Does the facility collect precipitation? (No roof or lid) 1 (1 for yes, 2 for no)
 Beginning Month for Precip. Collection 11 (1=Jan, 2=Feb, etc.)

Precipitation minus evaporation

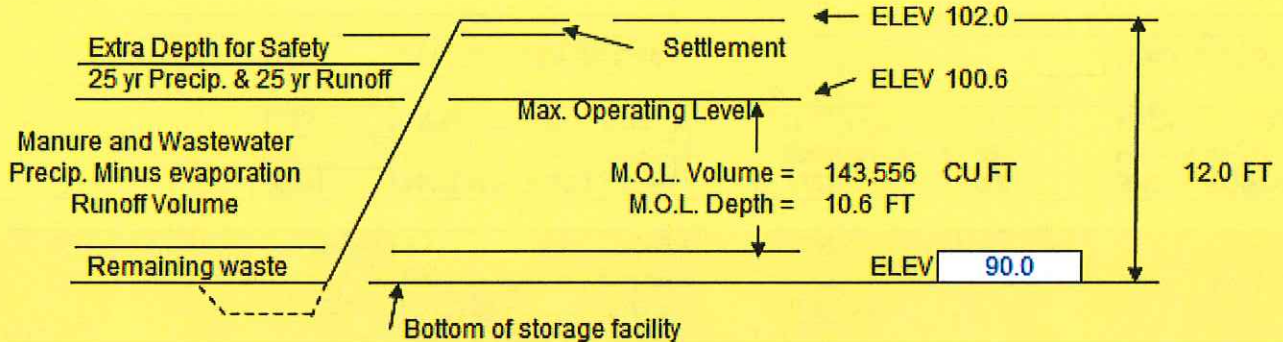
Average Precipitation on Storage Surface	9.7 INCH	0.8 FT
Average Evaporation from Storage Surface	- 4.8 INCH	- 0.4 FT
Net Precipitation on Storage Surface	4.9 INCH	0.4 FT

25-Yr, 24-Hr Precip on Storage Surface 4.5 INCH 0.4 FT

REMAINING WASTE	(If no sump, use these minimums: ponds -2', tanks-1')	<input type="text" value="0.0"/> FT
EXTRA DEPTH FOR SAFETY	(1-ft. Minimum)	<input type="text" value="1.0"/> FT
SETTLEMENT	(5% of Embankment Height)	<input type="text" value="0.0"/> FT
M.O.L. DEPTH	(Depth to hold Manure, Wastewater, Runoff, and Precip.)	<input type="text" value="10.58"/> FT
Total Depth of the Storage Facility		<input type="text" value="12.0"/> FT

Print down to here

STORAGE FACILITY ELEVATIONS



STORAGE DIMENSIONS AND SIZING

SIDE SLOPES OF STORAGE	(Use "0" for walls)	<input type="text" value="2.5"/> :1
CHOOSE A BOTTOM WIDTH		<input type="text" value="100"/> FT
BOTTOM LENGTH REQUIRED		<input type="text" value="268"/> FT
ROUND STORAGE BOTTOM DIAMETER		<input type="text" value="192"/> FT

SECTION FOR FIGURING VOLUME OF A CHOSEN OR EXISTING STORAGE FACILITY

RECTANGULAR	BOTTOM SIDE 1:	<input type="text" value="100"/> FT	
	BOTTOM SIDE 2:	<input type="text" value="79"/> FT	
	M.O.L. VOLUME PROVIDED:	143,556 CU FT	1,073,796 GALLONS
	DAYS STORAGE PROVIDED:	65 DAYS	
	TOTAL VOLUME FROM BOTTOM TO SETTLED TOP:	173,640 CU FT	1,298,827 GALLONS
ROUND	CHOOSE BOTTOM:	<input type="text" value="136"/> FT DIAM	
	M.O.L. VOLUME PROVIDED:	221,246 CU FT	1,654,919 GALLONS
	DAYS STORAGE PROVIDED:	100 DAYS	
	TOTAL VOLUME FROM BOTTOM TO SETTLED TOP:	262,537 CU FT	1,963,778 GALLONS

STA.	ELEV.	OUT Z	TOP W.
0	98.0	3	10
600	98.0	3	10

[illegible]

1

98.0

BOTTOM ELEVATION: 90.0

TOP ELEVATION: 102.0

TOTAL EXC. BELOW STRIPPING	2,966	CU YD
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	LINER TO TOP		LINER TO ELEV.	
	CLAY LINR	EXTRA EXC	102.0	EXTRA EXC
BOTTOM	2,224	1,308	2,224	1,308
SIDES	5,410	3,182	5,410	3,182
TOTAL	7,634	4,490	7,634	4,490

CONCRETE LINERS**BOTTOM DIMENSIONS:**

WIDTH 100 FT, (From G81)

LENGTH 79 FT, (From G82)

TOP ELEVATION OF CONCRETE THICKNESS OF CONC., Bottom INCHES
THICKNESS OF CONCRETE, Sides INCHES

	AREA	VOLUME
BOTTOM	7,900 SQ FT	122 CU YD
SLOPE	15,445 SQ FT	238 CU YD
TOTAL	23,345 SQ FT	360 CU YD

STEEL AMOUNTS

	BAR SIZE (3,4,5,etc)	SPACING (IN)	GRADE	BAR END LAP, IN.	LENGTH IN FACILITY	LIN FT	NUMBER OF 20' BARS	BAR SIZE	LBS
WIDTH	<input type="text" value="3"/>	<input type="text" value="18"/>	<input type="text" value="60"/>	12	164.6	15,927	839	3	6,311
LENGTH	<input type="text" value="3"/>	<input type="text" value="18"/>	<input type="text" value="60"/>	12	143.6	15,906	838	3	6,303

Print Concrete Liner

HIGH DENSITY POLYETHYLENE (HDPE)(This area only works for rectangular ponds at this time.
Therefore C105 must be "1".)**DIMENSIONS:**

BOTTOM WIDTH 100 FEET

BOTTOM LENGTH 79 FEET

DEPTH 12 FEET

HDPEMATERIAL NEEDED SQ FTEXTRA FOR SEAMS AND PATCHES %EXTRA LENGTH FOR TRENCHES FEETPrint HDPE
Liner Data**GCL's (Geosynthetic Clay Liners)**(GCL's are covered by 12" of material in the bottom
and 24" of material on the slopes.)(This area only works for rectangular ponds at this time.
Therefore C105 must be "1".)**STORAGE FACILITY DIMENSIONS**

BOTTOM WIDTH 100 FEET

BOTTOM LENGTH 79 FEET

DEPTH 12 FEET

EXTRA FOR SEAMS AND PATCHES %EXTRA LENGTH FOR TRENCHES FEETCOVER MATERIAL LOSSES %

(Recommend 40% min. for trucked cover material)

GCL			
MATERIAL NEEDED	31,319	SQ FT	
COVER MATERIAL NEEDED			
BOTTOM	465	CU YD	
SLOPES	1,771	CU YD	
TOTAL	2,236	CU YD	

Print GCL Data

WASTEWATER

CLIENT: Auer

3/11/16

General- In each category you can use default values or enter your own values in the blanks.
If you say Y, that you want the default values, any values in the white cells will be ignored.

432 Cows being milked

Days of Storage: 180

Parlor WaterDo you want to use the default values? Y=yes; N=no

Cleaning parlor floors, cows and milkers

gal/day

Default Values
gal/day/cow gal/day

2.0

864

Cleaning bulk tank and pipelines

gal/day

0.8

346

Plate cooler water if not reused

gal/day

Other

gal/day

0.7

302

0 total gal/day

3.5

1512

1512 gal/day**Holding area cleaning**Do you want to use the default values? Y=yes; N=noIs the holding area flushed? Y=yes; N=no

Your entered values

Flushed holding area

gal/day

Default Values
gal/day/cow gal/day

4.0

1728

Non-flushed holding area

gal/day

2.0

864

864 gal/day**Sprinklers/Misters** (It is assumed that half of water used for sprinklers goes to storage.)Do you want to use the default values? Y=yes; N=no

Your entered values

How often are sprinklers used in holding area?

days

Default Values
gal/day/cow

40

days

Daily sprinkler volume used in holding area

gal/day

12

5184

gal/day

How often are sprinklers used in barn?

days

0

days

Daily sprinkler volume used in barn

gal/day

12

5184

gal/day

Note: The water use and collection comes during the days shown.
It is apportioned out to the storage period shown in cell H5 above.

**576 gal/day
to storage****Waterers**Do you want to use the default value? Y=yes; N=noIf not, enter your choice here:

Default Value

1.8

778 gal/day**SUMMARY**

Total Gallons per day: **3730 gal/day**
(Goes to Waste Storage Design tab, D17)

499 cu ft/day
8.6 gal/day/cow

Notice: This form must be completed and approved by the DNR before grant funds can be expended for land acquisition. Please complete all sections. Use additional page if necessary. Collection of this information is authorized under ss. 23.0915 - 23.0917, Wis. Stats. Failure to provide this information may result in denial or repayment of grant awards. Personal information collected on this form will be used for management of DNR programs and grants. Information may be made available to requesters under Wisconsin's Open Records laws (ss. 19.31-19.39, Wis. Stats.).

1. General Information

Applicant Name Bakake Acres, LLC	Project / Parcel 11-34-11-1	County Waupaca
Property Owner Name Bakake Acres, LLC	Property Street Address N5271 Madden Rd New London, WI 54961	
Close / Intersecting Roads Madden Rd and Cty Hwy T		

Legal Description:	$\frac{1}{4}$ / $\frac{1}{4}$ NE	$\frac{1}{4}$ NE	Section(s) 34	Township 23	Range N 14E	E / W
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2. Environmental Condition Statement of Property

Complete the checklist to the best of your knowledge through inspection of the site. Indicate if any of the following conditions currently exist on site:

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Known spills, release of chemicals, hazardous substances or fuels
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dumps, debris piles, stockpiles of waste, containers, barrels or drums
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sludge
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discolored or odorous soil
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Areas of stressed vegetation, absence of vegetation, areas previously burned
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unusual or noxious odors
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discolored, polluted, foul water (in standing water, wells, or wetlands)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is an existing well located on site? If yes, where is it located? <u>The well is located to the west of the home.</u>
		<u>See attached map.</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Old pipes, electrical equipment
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unusual or irregular depressions or mounds on surface
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other evidence of possible contamination – If yes, describe: _____

If the answer to any question above is yes:

- Attach description or explanation and site map showing location of item(s) checked.
- The property may require a Phase I or further investigation/inspection. Talk to your regional grant specialist listed in the application form.

3. Land Use History

A. Current Uses of the Property:

<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Agriculture	<input type="checkbox"/> Orchards	<input type="checkbox"/> Railroads and Railroad Spurs	<input type="checkbox"/> Landfills
<input type="checkbox"/> Other – Explain: _____					

B. Historical Uses of the Property (for the past 20 years):

<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Agriculture	<input type="checkbox"/> Orchards	<input type="checkbox"/> Railroads and Railroad Spurs
<input type="checkbox"/> Suspected Former Landfills <input type="checkbox"/> Other – Explain: _____				

C. To the best of your knowledge does the property have evidence of the following?

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has the site been used for the storage or warehousing of commercial or industrial materials?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there areas with a history or likelihood of underground storage tanks?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there monitoring wells on site?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is there any history of contamination on the property?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is there any history of contamination on any adjacent properties?

If you checked any boxes in Sections 3A or 3B above, or answered yes to any question in Section 3C, the property may require a Phase I or further investigation/inspection. Talk to your regional grant specialist listed in the application form.

Environmental Hazards Assessment

Form 1800-001 (R 10/08)

Page 2 of 2

4. Site Investigation DocumentationHas a Phase I or Phase II Site Investigation been completed on the property? ☐ Yes ☒ No

If yes, attach a copy of the conclusions.

5. Certification

I hereby certify that I have inspected the property and contacted the current owner regarding environmental contamination. The information provided is a full disclosure of my findings and is true and complete to the best of my knowledge.

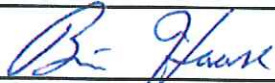
Printed Name of Preparer

Brian Haase

Title

County Conservationist

Signature of Preparer



Date Signed

04/13/2015

If you are submitting this form as a condition of a Nonpoint Targeted Runoff Management or Nonpoint Urban Storm Water-Construction grant, please also indicate the following:

Printed Name of Authorized Representative

Brian Haase

Title

County Conservationist

Signature of Authorized Representative



Date Signed

04/13/2015

Leave Blank – DNR Use Only**6. Search of DNR Records**

A. Does the property appear on the most recent version of the Bureau of Remediation and Redevelopment Tracking System (BRRTS)?

☐ Yes☐ No

If Yes, Site Name: _____ BRRTS Activity #: _____

B. Does the property appear on the most recent version of the DNR Registry of Waste Disposal Sites in Wisconsin?

☐ Yes☐ No

If Yes, Site Name: _____

C. Does the property appear on the most recent version of the Solid and Hazardous Waste Information Management System (SHWIMS)?

☐ Yes☐ No

If Yes, Site Name: _____

7. Conclusions☐ Based on the information available in DNR's Regional files at this time, no additional investigation recommended.☐ Further Investigation Needed; Consult with Region R&R Program for Recommendation

Printed Name of DNR Reviewer

Title

Signature of DNR Reviewer

Date Signed

April 11, 2014

Waupaca County Land & Water Conservation Dept.
Courthouse
811 Harding St
Waupaca, WI 54981

To: Waupaca County Land Conservation Dept.

We are writing to request financial assistance to build a new manure storage facility on our dairy farm. Our current manure storage provides less than three months storage forcing us to spread manure on snow covered ground in the winter. This past winter we received a letter from DNR regarding this issue. Furthermore, our current manure storage has an earthen liner which can get damaged when removing manure and sand bedding from the bottom.

We are willing to sign a cost share contract to build the manure storage and other water quality improvements that Land Conservation staff has proposed and designed if we receive a TRM Grant and are offered cost sharing.

Thank You,


Grady Auer


Tina Auer

Bakake Acres, LLC

RESOLUTION NO. 33 (2014-2015)
RUNOFF MANAGEMENT GRANTS

WHEREAS Waupaca County Land & Water Conservation Department is interested in acquiring a grant from the Wisconsin Department of Natural Resources for the purpose of implementing a project to control agricultural or urban stormwater runoff pollution sources pursuant to ss. 281.65 or 281.66, Wis. Stats., and chs. NR 151, 153 and 155; and

WHEREAS a cost-sharing grant is required to carry out the project; and

WHEREAS the project implementation, for which the grant is being applied for, is necessary for Waupaca County to achieve the goals within its 2012-2021 Land & Water Resource Management Plan.

NOW THEREFORE BE IT RESOLVED that the Waupaca County Board of Supervisors hereby authorizes the position of County Conservationist within the Land & Water Conservation Department to:

1. Submit and sign an application to the State of Wisconsin Department of Natural Resources for any financial aid that may be available,
2. Sign a grant agreement between the local government (applicant) and the Department of Natural Resources,
3. Submit reimbursement claims along with necessary supporting documentation,
4. Submit signed documents,
5. Take necessary action to undertake, direct and complete the approved project.

BE IT FURTHER RESOLVED that Waupaca County shall comply with all state and federal laws, regulations and permit requirements pertaining to implementation of this project and to fulfillment of the grant document provisions.

Passed this 17th day of
March, 2015

24 Ayes 0 Nays

ATTEST:

Mary A. Robbins
Mary A. Robbins
Waupaca County Clerk

RECOMMENDED FOR INTRODUCTION
BY THE WAUPACA COUNTY
LAND & WATER CONSERVATION COMMITTEE &
LEGISLATIVE, JUDICIAL, ETHICS, SAFETY &
SECURITY COMMITTEE

Don Wayne Federling
Joe Muck
Robert E. B.

Walter Strub
Donald Peterson

Patricia Craig
Dennis Kussmann

[Signature]
Mary Kay Packman
Donna Gahrt
[Signature]