

Wisconsin DNR - Identify Results

Report generated April 03, 2013 - 02:43 PM

**Send to Printer****Coordinate Position****Lat/Lon:** 44° 58' 27.4" N, 90° 53' 21.1" W**Decimal Lon/Lat:** -90.889199, 44.974285**UTM 15N:** 666438, 4982261**WTM91 (x,y):** 449886, 500478**Civil Towns****MCD Fips Code:** 79650**Name:** Thorp**City Class Code:** 0**Area (Sq. Miles):** 34.73233283**MCD Type Code:** T**12-digit HUCs (Subwatersheds)****Hydrologic Unit Code (HUC):** 070500060105**HUC Name:** Wolf River**HUC Type:** S**Hydro Modifications:** TF**States Spanned:** WI**HUC Area (Acres):** 28877**Noncontributing Area (Acres):** 0**10 digit HUC:** 0705000601**10 digit HUC Name:** North Fork Eau Claire River**10 digit HUC Hydro Modifications:** NM**10 digit HUC Type:** S**8 digit HUC Name:** 07050006**Next 12 digit HUC downstream:** 070500060106**Next 10 digit HUC downstream:** 0705000602**Watersheds****About the Watershed****Watershed Code:** LC17**Name:** North Fork Eau Claire River**Area (acres):** 131763.16**Area (sq miles):** 205.88**Total Stream Miles:** 411.76**Total Lake Acres:** 302.3**Total Wetland Acres:** 18394.61**NPS Priority Watershed Year:** 0**NPS Stream Ranking:** Low**NPS Lake Ranking:** NR**NPS Groundwater Ranking:** High**NPS Overall Ranking:** High**County Boundaries****Name:** Clark**County FIPS Code:** 19**DNR County Code:** 10**DNR Region:** West Central Region

[Close Report Window]

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Nordrum Non-Point Project

Animal Unit Calculations: Current Number of AUs on Operation

Animal Type		I. Mixed Animal Units			II. Non-mixed Animal Units		
		b. Equiv. factor	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No. of AUs
Example - Broilers (non-liquid manure):		0.005 x	150,000	= 750	0.008 x	150,000	= 1200
Dairy/Beef Calves (under 400 lbs)		0.20 x	12	= 2.4	Fed. numbers in this column comply with 40 CFR s. 122.23		
Dairy Cattle	Milking & Dry Cows	1.40 x	42	= 58.8	1.43 x	42	= 60.06
	Heifers (800 lbs to 1200 lbs)	1.10 x	10	= 11			
	Heifers (400 lbs to 800 lbs)	0.60 x	10	= 6	1.00 x	20	= 20
Beef	Steers or Cows (400 lbs to market)	1.00 x		=			
	Bulls (each)	1.40 x		=	1.00 x		=
Veal Calves		0.50 x		=	1.00 x		=
Swine	Pigs (up to 55 lbs)	0.10 x		=	0.10 x		=
	Pigs (55 lbs to market)	0.40 x		=			
	Sows (each)	0.40 x		=			
	Boars (each)	0.50 x		=	0.40 x		=
Chickens	Layers (each) -non-liquid manure system	0.01 x		=	0.0123 x		=
	Broilers/Pullets (each) -non-liquid manure system	0.005 x		=	0.008 x		=
	Per Bird -liquid manure system	0.033 x		=	0.0333 x		=
Ducks	Ducks (each) -liquid manure system	0.2 x		=	0.2 x		=
	Ducks (each) -non-liquid manure system	0.01 x		=	0.0333 x		=
Turkeys (each)		0.018 x		=	0.018 x		=
Sheep (each)		0.1 x		=	0.1 x		=
Horses (each)		2 x		=	2 x		=
Total Animal Units:		Total Mixed Animal Units = 78.2 (add all rows above)			Total Non-Mixed Animal Units = 60.06 (Enter the single highest number from any row above; DO NOT add the totals)		

Does operation need a WPDES permit? NO

Nerdrum Non-Point Project

Animal Unit Calculations: Projected Number of AUs on Operation

Animal Type		I. Mixed Animal Units			II. Non-mixed Animal Units		
		b. Equiv. factor	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No. of AUs
Example - Broilers (non-liquid manure):		0.005 x	150,000	= 750	0.008 x	150,000	= 1200
Dairy/Beef Calves (under 400 lbs)		0.20 x	12	= 2.4	Fed. numbers in this column comply with 40 CFR s. 122.23		
Dairy Cattle	Milking & Dry Cows	1.40 x	42	= 58.8	1.43 x	42	= 60.06
	Heifers (800 lbs to 1200 lbs)	1.10 x	10	= 11			
	Heifers (400 lbs to 800 lbs)	0.60 x	10	= 6	1.00 x	20	= 20
Beef	Steers or Cows (400 lbs to market)	1.00 x		=			
	Bulls (each)	1.40 x		=	1.00 x		=
Veal Calves		0.50 x		=	1.00 x		=
Swine	Pigs (up to 55 lbs)	0.10 x		=	0.10 x		=
	Pigs (55 lbs to market)	0.40 x		=			
	Sows (each)	0.40 x		=			
	Boars (each)	0.50 x		=	0.40 x		=
Chickens	Layers (each) -non-liquid manure system	0.01 x		=	0.0123 x		=
	Broilers/Pullets (each) -non-liquid manure system	0.005 x		=	0.008 x		=
	Per Bird -liquid manure system	0.033 x		=	0.0333 x		=
Ducks	Ducks (each) -liquid manure system	0.2 x		=	0.2 x		=
	Ducks (each) -non-liquid manure system	0.01 x		=	0.0333 x		=
Turkeys (each)		0.018 x		=	0.018 x		=
Sheep (each)		0.1 x		=	0.1 x		=
Horses (each)		2 x		=	2 x		=
Total Animal Units:		Total Mixed Animal Units = 78.2 (add all rows above)			Total Non-Mixed Animal Units = 60.06 (Enter the single highest number from any row above; DO NOT add the totals)		

Does operation need a WPDES permit? NO

Dates of Proposed Expansions (within the next 5 years) MM/YY 1 _____ 2 _____ 3 _____

Resolution: Targeted Runoff Management Grant

Whereas, **Clark County Land Conservation Committee** hereby requests financial assistance under statute 281.65 or 281.66, Wisconsin Statutes, and Chapters NR151, 153, and 155, Wisconsin Administrative Code, for the purpose of implementing measures to meet non-point source water pollution abatement needs in an area-wide water quality management plan.

Whereas, a cost sharing grant is requested to carry out the project;

Now, therefore, be it resolved, that **Clark County Land Conservation Committee** has sufficient administrative and technical means to complete the project and hereby authorizes the following officials or employees to act on its behalf to:

1. Sign and submit a grant application to Wisconsin Department of Natural Resources: **County Conservationist or in his/her absence Land Conservation Committee Chairman.**
2. Sign a grant agreement between the local government and the DNR: **County Conservationist or in his/her absence Land Conservation Committee Chairman.**
3. Submit necessary documentation within six months of project completion: **County Conservationist or in his/her absence Land Conservation Committee Chairman.**
4. Request grant reimbursement: **County Conservationist or in his/her absence Land Conservation Committee Chairman.**
5. Perform actions to undertake, direct, and complete the project: **County Conservationist or in his/her absence Land Conservation Committee Chairman.**

Be it further resolved that the applicant will comply with all local, state and federal rules related to this project, the cost-share agreement, and nonpoint source water pollution.

Adopted this 22nd day of March, 2013, at the Land Conservation Committee's meeting.


Signature of Person Certifying


Title of Person Certifying

3-22-13
Date Certified

April 4th, 2013

To: Matt Zoschke, County Conservationist
Clark County Land Conservation Department

Fritz Garbisch, Chairman
Clark County Land Conservation Committee

Dear Sirs,

I have been concerned about my manure management for many years. After visiting with Land Conservation Department staff, I became aware that my winter spreading and stacking of manure was not very good for the environment because it probably was running off into the creek when the snow melted. I would like to build a pit, but because my soils on my farm do not let me build an earthen pit, I will have to spend a lot of money on building a concrete pit. I hope that I can receive some financial help to build a new pit and eliminate the winter spreading and stacking of manure. If I receive money to build a new pit, I can then afford to do the construction. I fully support the grant application being submitted by your department.

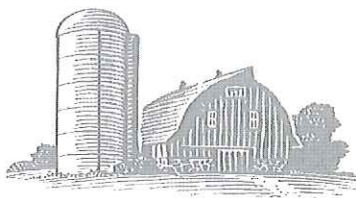
I would appreciate any help that you can offer. This is still owned and operated by myself. I hope to farm here for many more years and pass my farm along to another generation.

Thank you and sincerely,



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Clark County Land Conservation Department



Matt Zoschke, County Conservationist
Cody Overgard, Engineer Technician II
Daisy Gerdes, Program Assistant II

April 10th, 2013

RE: Potential Notice of Noncompliance with NR151 and local Animal Manure Management Ordinance

Mr. Nerdrum,

Currently, your existing strategy for manure management has been determined to not be in compliance with NR151 and the local Animal Manure Management Ordinance. As listed in NR 151.09, s. 281.16 (3) (e) and sec. 12-359 of the local Animal Manure Management Ordinance, a landowner may not be required to comply with a performance standard or prohibition, unless an qualified offer of cost-share is made to you.

In the past, the Clark County Land Conservation Department (LCD) has worked with Wisconsin Department of Natural Resources (DNR) to identify, if and when a Notice of Intent or a Notice of Discharge could be issued under NR243 or NR151. If needed, the LCD will cooperatively work with the DNR to identify any potential sources of cost-share funding before supporting the DNR's decision to issue a notice.

If necessary, the LCD, with support from the DNR, will require you to install the necessary practices to achieve compliance with the identified agricultural performance standards or prohibitions, but only after a qualified offer of cost-share funding has been made or if cost-share funding has been received from WIDNR or the Wisconsin Department of Agriculture, Trade, and Consumer Protection, as specified in NR151, ATCP50, and s. 281. Cost-sharing may not be required to comply with conditions of the local Animal Manure Management Ordinance permit, such as the annual nutrient management plan requirement.

Sincerely:

A handwritten signature in black ink that reads "Matt Zoschke". The signature is fluid and cursive.

Matt Zoschke, CCA
County Conservationist
Clark County Land Conservation Department

Received on 4/10/13

A handwritten signature in black ink that appears to read "Cody Overgard". The signature is cursive and somewhat stylized.

Manure Runoff Toward Rogers Creek

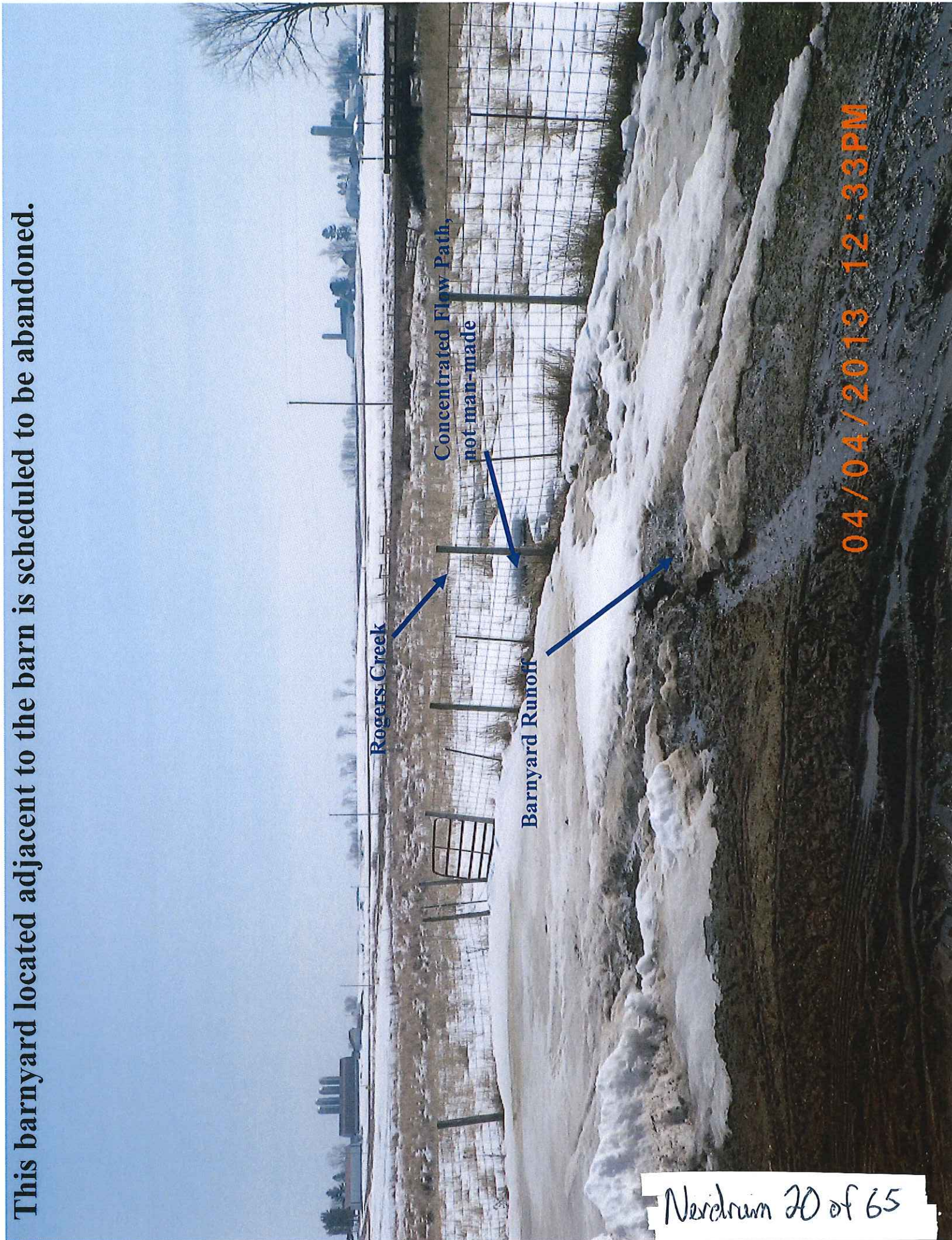
Rogers Creek

Manure Runoff

04/04/2013 12:39PM

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This barnyard located adjacent to the barn is scheduled to be abandoned.



04/04/2013 12:33PM

Worksheet 20 of 65

Barnyard Located directly next to Rogers Creek

Rogers Creek

Barnyard Fence

04/04/2013 12:34PM

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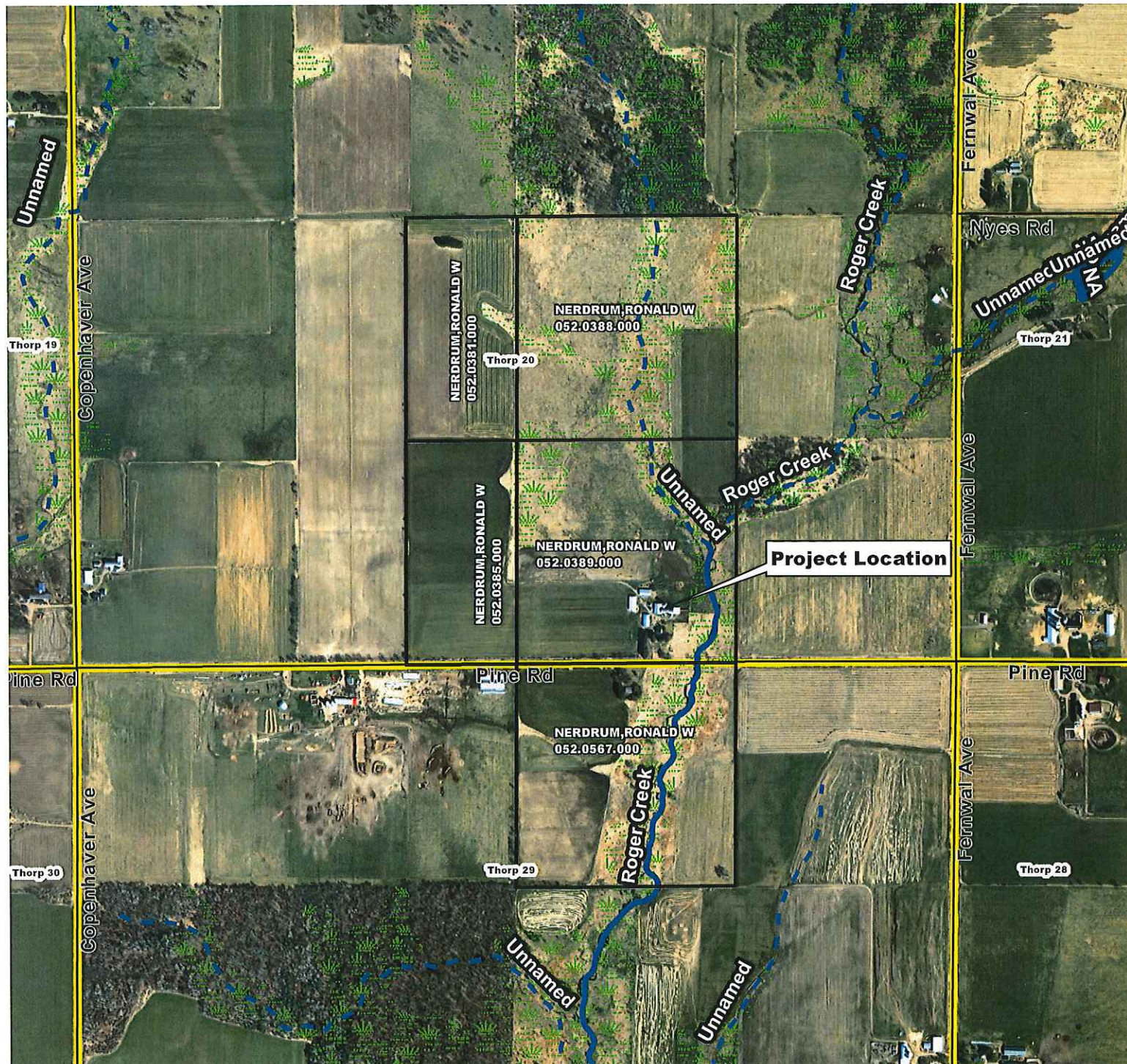
Water Quality of Rogers Creek

04/04/2013 03:01PM

Slide 22 of 65

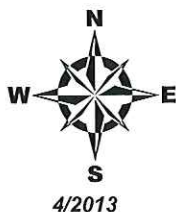
Nerdrum Non-Point Project Overview Map

SW1/4 of SE1/4, Section 20, T29N, R4W, Town of Thorp



1:10,000

2010 Imagery



Map provided by the
Clark County Land Conservation Department
517 Court Street, Room 102
Neillsville, WI 54456

Information is believed correct
but is ADVISORY only. It is based on public records
believed to be reliable, but Clark County distributes
this information on an 'AS IS' basis. No warranties
are implied.

0 500 1,000 2,000 3,000 Feet

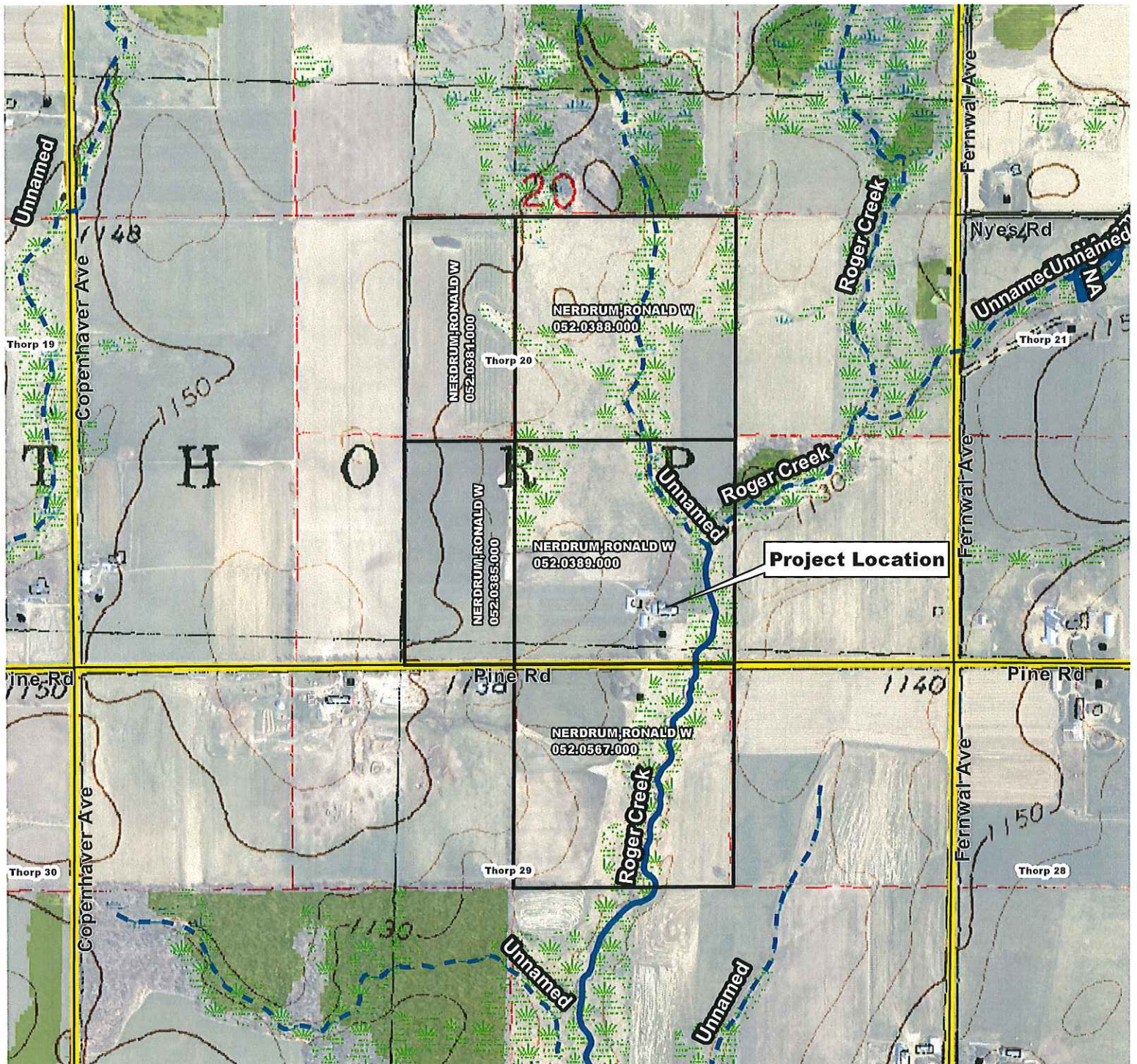
- DNR Wetlands
- Intermittent Streams
- Perennial Streams
- Waterbodies
- Parcels
- Sections

Thorp	Wilkes	Huron	Hood	Mayville
Verden	Redburg	Longwood	Green Grove	Gatty
Butler	Mead	Warner	Beaver	Gary
Victor	Hart	Harden	Eden	Loyal
Victor	South	Bel	Weston	York
Mosier	Hewitt	Rocky	Grange	Lynn
		DeWitt	Levy	Shorewood

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Nerdrum Non-Point Project Topographic Map

SW1/4 of SE1/4, Section 20, T29N, R4W, Town of Thorp



1:10,000

2010 Imagery



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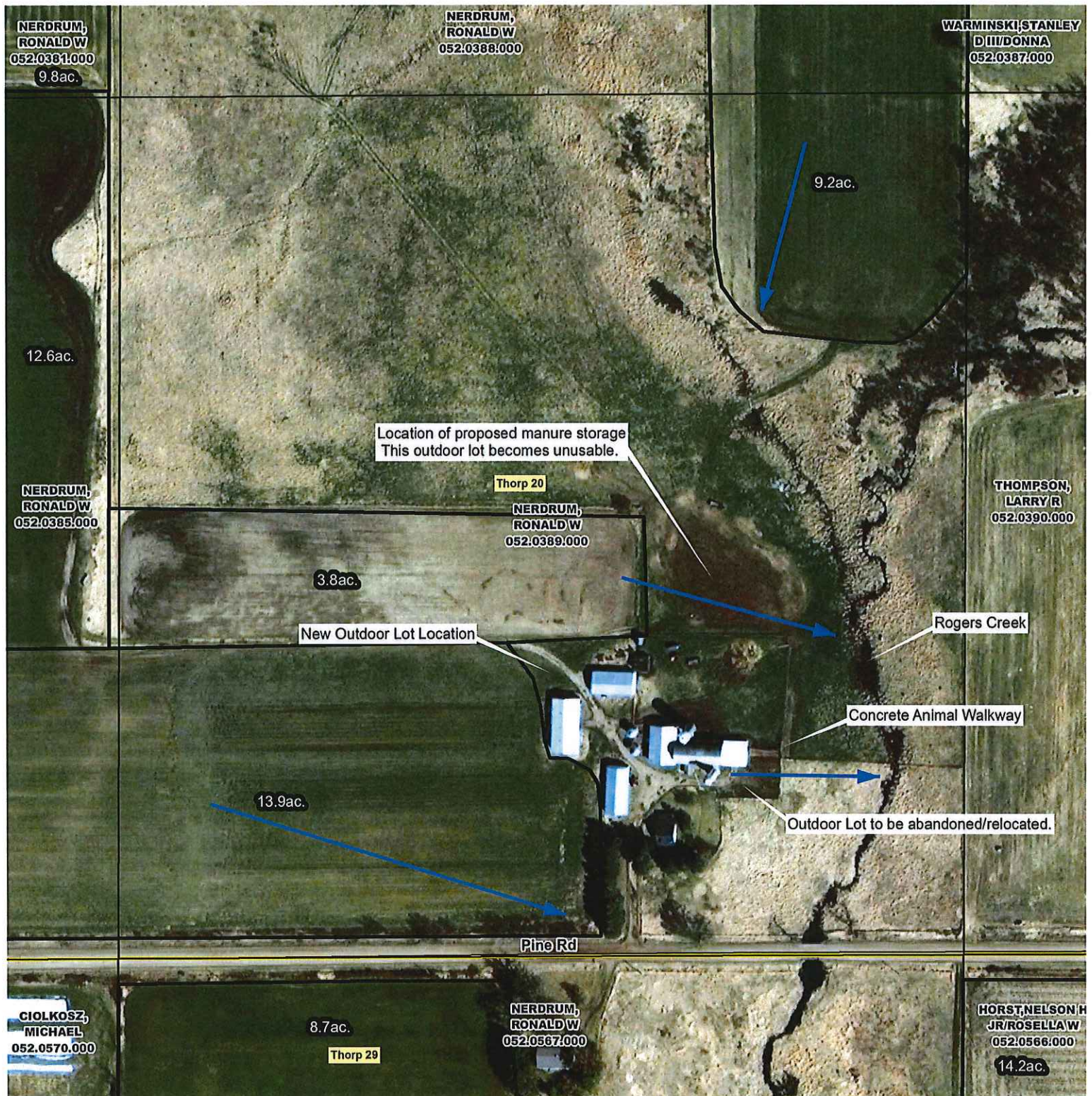


DNR Wetlands
Intermittent Streams
Perennial Streams
Waterbodies
Parcels
Sections

Thorp	Valley	Huron	Hard	Wayne
Warden	Reidburg	Langerud	Green	Colby
Butler	Mead	Werner	Shaw	Unity
Forest Hill	Hendrix	Eden	Loyal	Shannon
Waterford	Self	Vaughn	York	Freeman
Marion	Hewitt	Rock Valley	Great	Lyons
Prentiss	Leah	Whitman	Thompson	

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SW1/4 of SE1/4, Section 20, T29N, R4W, Town of Thor







:2,500 Map Scale



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-  Runoff Flow Path
 NMP Fields
 Parcels
 Sections

2010 Aerial Ma

Thorp Thorp	Withe Thorp	Hixon Thorp	Hoard Thorp	Mayville Thorp
Warden Reisburg	Longwood Green	Green Grove	Coby Coby	Unity Unity
Butler Hendren	Mead Greenwood	Wamer Loyal	Beaver Sherman	Unity Unity
Foster North	Self Eaton	Weston Loyal	York Sherman	Fremont Fremont
Foster South	Self Weston	York Fremont	Grant Lynn	Lynn Lynn
Menton Howett	Pine Valley	Grant Lynn	Lynn Lynn	Lynn Lynn
Dawson Levy	Levy Levy	Levy Levy	Levy Levy	Levy Levy

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BUFFER DESIGN USING BARNY - *Abandoned Lot*

Farmer: Nerdrum

Planner/Designer: Matt Zoschke

Date: 4/15/13

	Input	Output	
Closest City of similar climate:	4		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:	600	sq ft	
Earth lot area:	9,000	sq ft	
Animal Lot size:		9,600	sq ft
Is there a DESIGNED settling basin	2		Yes= 1; No= 2
Animals on lot:	42	number	number
Type of animal:	1		(Dairy = 1; Beef=2)
Ave. Animal Weight:	1,400	lbs	lbs
Lot Use:	2		1= Heavy; 2= Medium; 3= Light)

TRIBUTARY AREAS

Tributary area: 9,000 sq ft

Runoff Curve Number: 89

Roof area: 2,100 sq ft

55.3 lbs P per year
at D.S. Lot edge:

Maximum permissible P Output 5 lbs
that can be released

Your choice based on impacted
resources- Max is 15

BUFFERS - Size by trial and error

First Buffer Length: 0 ft (See Note Below)

Slope: 0

"c" : 0

Second Buffer Length: 0 ft

Slope: 0

"c" : 0

P (lbs) after the buffers: 55.3 lbs P per year

"c" Value Table	
Permanent Meadow	0.59
Woods, Heavy Litter	0.59
Woods, Lt Ltr	0.29
Well managed grazing	0.44
Fair managed grazing	0.29
Good Pasture	0.22
Fair Pasture	0.15
Small Grain	0.29
Legume	0.29
Contoured Row Crop	0.29
Non-contoured row crop	0.05

NO GOOD - Too much P released

Lot to be abandoned. No lot, No P runoff.

BUFFER SIZING

Chosen Buffer Width 0 feet

9,900 sq ft

Min. Acceptable Buffer Area

Chosen Buffer Length 0 feet

0 feet
#DIV/0!

Min. Bfr. Len. Based on BARNY
Min. Bfr. Len. Based on Area

Area based on chosen buffer dimensions: 0 sq ft

Total Design Buffer Length: 0 feet

Equivalent Square size: 98 ft

Minimum buffer area

9900 sq ft

Based on minimum area from std.

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BUFFER DESIGN USING BARNY - Relocated Lot

Farmer: Nerdrum

Planner/Designer: Matt Zoschke

Date: 4/15/13

	Input	Output	
Closest City of similar climate:	4		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:		sq ft	
Earth lot area:	43,560	sq ft	
Animal Lot size:		43,560 sq ft	
Is there a DESIGNED settling basin	2	Yes= 1; No= 2	
Animals on lot:	42 number	20 number	
Type of animal:	1	1	(Dairy = 1; Beef=2)
Ave. Animal Weight:	1,400 lbs	1,000 lbs	
Lot Use:	2		1= Heavy; 2= Medium; 3= Light)

TRIBUTARY AREAS

Tributary area: 217,800 sq ft

Runoff Curve Number: 81

Roof area: 4,000 sq ft

167.2 lbs P per year
at D.S. Lot edge:

Maximum permissible P Output 5 lbs
that can be released

Your choice based on impacted
resources- Max is 15

BUFFERS - Size by trial and error

First Buffer Length: 500 ft (See Note Below)

Slope: 1 %

"c" : 0.44 →

Second Buffer Length: ft

Slope: %

"c" :

P (lbs) after the buffers: 0.0 lbs P per year

"c" Value Table

Permanent Meadow	0.59
Woods, Heavy Litter	0.59
Woods, Lt Ltr	0.29
Well managed grazing	0.44
Fair managed grazing	0.29
Good Pasture	0.22
Fair Pasture	0.15
Small Grain	0.29
Legume	0.29
Contoured Row Crop	0.29
Non-contoured row crop	0.05

GOOD - Buffer length, slope, and type is OK; proceed with final area sizing calcs below.

BUFFER SIZING

43,560 sq ft Min. Acceptable Buffer Area

Chosen Buffer Width 200 feet

500 feet Min. Bfr. Len. Based on BARNY

500 feet Min. Bfr. Len. Based on Area

Chosen Buffer Length 500 feet Good Design

Area based on chosen buffer dimensions: 100000 sq ft

Total Design Buffer Length: 500 feet

Equivalent Square size: 209 ft

Minimum buffer area

43560 sq ft

Based on minimum area from std.

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PRELIMINARY COST ESTIMATE

ITEM / DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST
EARTH WORK- GENERAL FILL	CU YD	575	\$ 4.00	\$ 2,300.00
EARTH WORK- GENERAL EXCAVATION	CU YD	300	\$ 3.00	\$ 900.00
CONCRETE MANURE STORAGE STURCTURE	EACH	1	\$58,900.00	\$ 57,900.00
MILKHOUSE WASTEWATER COLLECTION SYSTEM	EACH	1	\$ 3,300.00	\$ 3,300.00
GATES/FENCING	JOB	1	\$ 1,000.00	\$ 1,000.00
MANURE TRANSFER PUMP W/HOPPER	EACH	1	\$12,000.00	\$ 12,000.00
10" PVC TRANSFER LINE	JOB	1	\$ 6,885.00	\$ 6,885.00
SEEDING AND MULCHING	ACRES	1	\$ 1,000.00	\$ 1,000.00
ANIMAL TRAIL AND WALKING	LN FT	500	\$ 12.50	\$ 6,250.00
		TOTAL COST =		\$ 91,535.00
NERDRUM		COUNTY: CLARK		
4/15/2013		DESIGNER: CO		CHECKER:
		SHEET 1 OF 1		

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CLARK COUNTY LAND CONSERVATION DEPARTMENT

TECHNICAL SERVICES POLICY

The following Technical Services Policy has been developed and approved by the Clark County Land Conservation Committee to off set increasing costs of providing technical and planning services for Animal Waste Storage Facility design and installation.

Technical Services Procedure for Waste Storage:

- Step 1.*** It is the landowners responsibility to initiate a request for technical assistance from the Clark County Land Conservation Department by calling (715) 743-5102 or in writing and mailed to:
- Clark County Land Conservation Department
517 Court Street, Courthouse, Room 102
Neillsville, WI 54456
- Step 2.*** An Engineering Technician will schedule an initial farm visit with the landowner to walk the premises for the purpose of conducting a Management Assessment for the proposed manure storage facility to identify:
1. Waste Characterization
 - a. Sources, volumes and consistency of manure
 - b. Animal types
 - c. Bedding types and quantity
 2. Land Base available for utilization of waste
 3. Planned storage period
 4. Waste handling and transfer methods
 5. Facility waste removal methods
 6. Storage liner possibilities and preferences
 7. Access needs and limitations
 8. Safety needs
 9. Labor and equipment needs
 10. Odor production concerns and control strategies
 11. Aesthetics and animal health
 12. Provisions for facility expansion

The Engineering Technician will also brief the landowner regarding the provisions and requirements of the Clark County Animal Manure Management Ordinance regarding nutrient management plans and establish setback distances.

- Step 3.*** It is the responsibility of the landowner to schedule a soil foundation investigation for the proposed manure storage facility. The soil foundation investigation will determine the suitability of the soils for use as a manure storage facility. Those persons that must be present for the soils foundation investigation

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include the landowner, the landowner's earth moving contractor of choice, an Engineering Technician, or other appointee of the Clark County Land Conservation Department and the landowner's engineer, if the landowner chooses to use the services of one. It is the responsibility of the landowner to assure that Digger's Hotline has been notified three (3) working days before the soil foundation investigation is conducted.

Step 4. As part of the soil foundation investigation, the Land Conservation Department Engineering Technician will conduct a site assessment of the proposed manure storage facility to do the following:

- A. Establish locations and elevations of buildings, roads, lanes, soil test pits, property lines, setbacks, easements, wells, floodplains, surface waters, drain tile, utilities, overhead lines, cultural resources and wetlands.
- B. Dig soil test pit and soil boring logs, soil test results based on:
 1. The number and distribution needed to characterize the sub surface soils.
 2. Set a minimum of one test pit or boring per 15,000 square feet of facility footprint.
 3. Investigate soils for transfer system.
 4. Log soil pits with respect to texture using the Unified Soil Classification System.
 5. Establish minimum depths to ensure adequate separation distances.
 6. Establish elevation of bedrock if encountered.
 7. Indicate seepage and saturation indicators and their elevations if encountered.
 8. Establish locations, dimensions and elevations of sinkholes or other Karst features within 1,000 feet of the facility.
 9. Establish locations, dimensions, elevations, soil samples and reclamation plans of any borrow areas.
 10. Identify any potential impacts from failure of the embankments, liners or structures.

Step 5. The Land Conservation Department Engineering Technician or a licensed Engineer hired by the landowner will collect representative soil samples during the soil foundation investigation and send them to a certified soil testing facility for analysis to determine clay content, percent fines and plasticity index. The soil test results will indicate if the site will require a liner for manure storage, or the need to choose an alternative site. The cost of the soil analysis test will be at the landowner's expense.

Step 6. The Land Conservation Department will collect a technical service fee from the landowner before proceeding to the next step. If the landowner chooses, they may hire an Engineer to provide technical assistance for the design, installation and certification of the proposed manure storage facility. The engineer must be licensed to practice in Wisconsin. The Land Conservation Department may provide the landowner a list of businesses that provide engineering services.

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- Step 7.** The LCD Engineering Technician or Landowner's Engineer completes a preliminary manure storage facility and transfer design for landowner review. Preliminary estimated costs and quantities are discussed at this time. Site is reviewed again to ensure compliance with NRCS Field Office Technical Guide Standards 313 and 634 as well as the requirements of the ordinance.
- Step 8.** The landowner agrees to the preliminary design of the proposed storage facility and waste transfer system, as well as any other best management practices that may need to be incorporated into the site design to protect surface and/or groundwater resources.
- Step 9.** The LCD Engineering Technician or Landowner's Engineer completes final proposed waste storage facility design in accordance with all standards and specifications and ordinance requirements. The final plan is reviewed by LCD Staff for accuracy and compliance with standards and specifications. Plan is sent to, and reviewed by, the DATCP Area Engineer for approval and stamping, if required.
- Step 10.** The LCD Engineering Technician or Landowner's Engineer delivers the final proposed storage facility design to the landowner and three (3) copies to distribute to contractors. The LCD Engineering Technician or Landowner's Engineer reviews final design with landowner to establish job responsibilities and time lines. The LCD Engineering Technician or Engineer completes the application for a permit to construct a waste storage facility, has the landowner sign and collects the \$200.00 application fee. The LCD Engineering Technician or Engineer then reviews the approved plan with the Clark County Conservationist.
- Step 11.** The LCD Engineering Technician or Landowner's Engineer schedules a construction conference with the landowner's contractor before work begins. The LCD Engineering Technician or Engineer reviews the proposed waste storage facility plan with the contractor to establish job responsibilities and time lines. The LCD Engineering Technician or Engineer will stake out the distinguishing features of the proposed waste storage facility so that all parties can review and agree to the location and size of the facility.
- Step 12.** The LCD Engineering Technician or Engineer periodically visits the construction site of the waste storage facility to ensure compliance with all standards and specifications as well as verifying planned elevations.

The LCD Engineering Technician or Engineer is responsible for construction inspection and that the following activities are carried out:

- A. All elevations are constructed in accordance with the approved waste storage facility design.
- B. All materials used on site for the construction of the waste storage facility

and transfer system meet or exceed the appropriate ASTM requirements as stated in the approved design plan.

- C. All batch tickets are collected from every concrete delivery truck and reviewed for compliance with Specification 4 Concrete. The LCD Engineering Technician or Landowner's Engineer will monitor the discharge and placement of concrete to ensure that Specification 4 is met.
- D. Ensure that all workers on site are practicing safe conduct to prevent injury or death.

Step 13. Upon completion of the waste storage facility, the LCD Engineering Technician or Landowner's Engineer will conduct a final construction inspection. This inspection will verify that the waste storage facility meets the standards and specifications as well as conform to the plan design. A Certificate of Completion is filed with the Land Conservation Department and notes are made in the landowner's soil and water conservation plan.