

Dane County Conditional Use Permit Application

Application Date	C.U.P Number
11/09/2017	DCPCUP-2017-02405
Public Hearing Date	
01/23/2018	

OWNER INFORMATION		AGENT INFORMATION	
OWNER NAME KIRK K EILENFELDT	Phone with Area Code (608) 516-5956	AGENT NAME ROCKY RIGHTS LLC	Phone with Area Code (608) 576-6248
BILLING ADDRESS (Number, Street) 3710 RIDGE RD		ADDRESS (Number, Street) 2401 VONDRON RD	
(City, State, Zip) DEERFIELD, WI 53531		(City, State, Zip) Madison, WI 53718	
E-MAIL ADDRESS		E-MAIL ADDRESS	

ADDRESS/LOCATION 1		ADDRESS/LOCATION 2		ADDRESS/LOCATION 3	
ADDRESS OR LOCATION OF CUP		ADDRESS OR LOCATION OF CUP		ADDRESS OR LOCATION OF CUP	
North of 2294 USH 12/18					
TOWNSHIP COTTAGE GROVE	SECTION 27	TOWNSHIP	SECTION	TOWNSHIP	SECTION
PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED	
0711-273-9514-0		---		---	

CUP DESCRIPTION
mineral extraction

DANE COUNTY CODE OF ORDINANCE SECTION	ACRES
10.123(3)(d)	35

DEED RESTRICTION REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> No Applicant Initials _____	Inspectors Initials DJE1	SIGNATURE:(Owner or Agent)
		PRINT NAME:
		DATE:

RECEIPT

MADISON
MADISON
210 MARTIN LUTHER KING, JR. BLVD
CITY TREASURER OFFICE

Application: DCPCUP-2017-02405
Application Type: DaneCounty/Zoning/Conditional Use/NA
Address:

Receipt No.	835486					
Payment Method	Ref Number	Amount Paid	Payment Date	Cashier ID	Received	Comments
Check	2004	\$1,136.00	11/09/2017	DJE1		

Owner Info.: KIRK K EILENFELDT
3710 RIDGE RD
DEERFIELD, WI 53531

Work Description: Mineral extraction uses



DANE COUNTY
PLANNING DEVELOPMENT

Zoning Division
Room 116, City-County Building
210 Martin Luther King Jr. Blvd.
Madison, Wisconsin 53703-3342
Phone: (608) 266-4266
Fax: (608) 267-1540

Conditional Use Application

Application Fee: \$486 Mineral Extraction: \$1136

Items required to be submitted with application:

- o Written Legal Description of Conditional Use Permit boundaries
- o Scaled drawing of the property showing existing/proposed buildings, setback requirements, driveway, parking area, outside storage areas, location/type of exterior lighting, any natural features, and proposed signs.
- o Scaled map showing neighboring area land uses and zoning districts
- o Written operations plan describing the items listed below (additional items needed for mineral extraction sites)
- o Written statement on how the proposal meets the 6 standards of a Conditional Use

Owner	<u>Kirk & Heidi Eilenfeldt</u>	Agent	<u>Rocky Rights LLC / Wade Cattell</u>
Address	<u>3710 Ridge Road, Deerfield, WI 53531</u>	Address	<u>2401 Vondron Road, Madison, WI 53718</u>
Phone	<u>608-516-5956</u>	Phone	<u>608-576-6248</u>
Email	<u></u>	Email	<u>wcattell@rpcattell.com</u>

Parcel numbers affected: 018/0711-273-9514-0 Town: Cottage Grove Section: 27
 Property Address: 2294 US Hwy 12&18, Cottage Grove, WI

Existing/ Proposed Zoning District : A-1 EX

- o Type of Activity proposed: Non-metallic mineral extraction & related operations
S. 10.123(3)(d)
- o Hours of Operation : 6AM-6PM, Monday-Saturday
- o Number of employees: 10
- o Anticipated customers : State of WI, Local Municipalities, Private Customers, including Teranaki Redi-Mix & Trucking
- o Outside storage : Aggregate stock and related equipment
- o Outdoor activities : Mining, reclamation, and farming
- o Outdoor lighting : Possible portable lighting for select jobs if necessary
- o Outside loudspeakers : No
- o Proposed signs: No trespassing / Property identification
- o Trash removal : No
- o Six Standards of CUP (see back)

The statements provided are true and provide an accurate depiction of the proposed land use. I authorize that I am the owner or have permission to act on behalf of the owner of the property.

Submitted By: Rocky Rights, LLC, by Wade Cattell

Date: November 8, 2017

Six Standards of a Conditional Use Permit

Provide an explanation on how the proposed land use will meet all six standards.

1. The establishment, maintenance or operation of the conditional use will not be detrimental to or endanger the public health, safety, comfort or general welfare.

Applicant operates an existing sand and gravel operation with redi-mix plant on adjoining property. This proposal is to allow extraction of aggregate from the adjacent farmland/woodland for processing at the redi-mix plant. This avoids having to haul material from off-site to the redi-mix plant. The new impacted area is on the back side of the existing operation and not any closer to neighbors. The pre-existing use has proven safe and reasonable and no material change is expected.

2. The uses, values and enjoyment of other property in the neighborhood for purposes already permitted shall be in no foreseeable manner substantially impaired or diminished by establishment, maintenance or operation of the conditional use.

The property is isolated in large part, surrounded by US Hwy 12/18, agricultural lands, and woodlands. Applicant has and will continue to construct berms at the perimeter of excavation areas. The excavation is downward, creating a hole, out of which there is limited noise or visibility of operations. The limited pre-existing neighboring land uses have been maintained for a significant duration concurrent with the existing quarry and redi-mix operation. There have been no operational violations or material complaints. Applicant does not expect any material impairment / diminishment due to the proposed activity.

3. That the establishment of the conditional use will not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the district.

The original quarry property is subject to a reclamation plan and the proposed land will likewise be subject to a reclamation plan. The surrounding area is generally agricultural in nature, and development is not expected in this area in the near term, such that normal and orderly development will not be impacted by this proposal.

4. That adequate utilities, access roads, drainage and other necessary site improvements have been or are being made.

The Applicant has a detailed erosion control permit application on file and incorporated herein. No permanent structures are to be built on site. Utility service is adequate. Access is adequate, with DOT approved entrance to Hwy 12/18.

5. Adequate measures have been or will be taken to provide ingress and egress so designed as to minimize traffic congestion in the public streets.

The subject property has direct access to US Hwy 12/18, permitted by DOT, which is adequate and will not cause congestion. There is no history of safety concerns with that access. No increase in traffic will result from this expansion. Much of this material will be hauled internally to supply the redi-mix plant going forward. This plan actually decreases traffic burdens, as the alternative would be to haul material into the property from off-site.

6. That the conditional use shall conform to all applicable regulations of the district in which it is located.

Applicant agrees to conform to applicable regulations. The proposed use is a designated conditional use in the A1-EX zone.

Town of Cottage Grove
Notice of Intent for Change of Land Use
(Instructions for completion of this form are list on the reverse side)

1. Applicant

Name: Rocky Rights LLC
Address: 2401 Vondron Road
Madison, Wisconsin
Zip: 53718 Phone: (608) 576-6248

2. Landowner

Name: Kirk K. and Heidi A. Eilenfeldt
Address: 3710 Ridge Drive
Deerfield, Wisconsin
Zip: 53531 Phone: 608-516-5956

3. Location and description of Land

Parcel No: 018/0711-273-9514 Parcel size: 60 acres
Parcel address: 2294 US Highway 12 & 18, Cottage Grove, WI 53527
Description: See Addendum A for legal description.

4. Action requested

- (A) Zone change from _____ to _____ for _____ acres
(B) Conditional use permit for 35.0 acres currently zoned A-1 EX
(C) Site approval for _____ on _____ acres (no fee)

5. Intended land use: Non-metallic mineral extraction (gravel quarry)

6. Names and address of adjoining and adjacent landowners (use additional sheet if necessary)

Name: Viney Acres, LLC
Address: 2093 US Highway 12 & 18
Cottage Grove, WI 53527
Name: Larry G. Skaar
Address: 4374 Secretariat Court
Cottage Grove, WI 53527

Name: J Double O, LLC
Address: 2173 Nora Road
Cottage Grove, WI 53527
Duane P. & Candace J. Swalheim 2011
Name: Revocable Trust
Address: 436 Connie Street
Cottage Grove, WI 53527

I hereby certify that the information provided on this notice is true and correct. I understand that failure to provide all required information shall be grounds for denial of my request. I also certify that no other change has been requested on this/these parcel(s) in the last twelve (12) months.

[Signature] 11-8-17
Applicant Date

Landowner Date

Kirk K. Ellenfeldt
3710 Ridge Drive
Deerfield, WI 53531

November 8, 2017

Roger Lane
Dane County
210 MLK, Jr. Blvd., Room 116
Madison, WI 53703

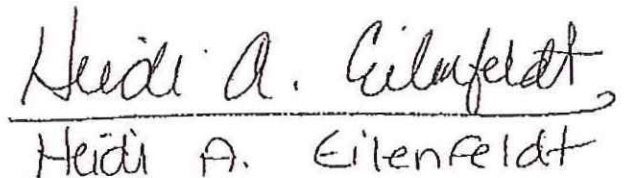
Kris Hampton
Town of Cottage Grove
4058 County Road N
Cottage Grove, WI 53527

RE: 2294 US Hwy. 12 & 18, Cottage Grove, WI / Parcel # 018 / 0711-273-9514

This is to inform you that Wade Cattell, dba Rocky Rights LLC has an option to purchase my property and is expressly authorized to apply for land use permits for my property and speak on my behalf.

Sincerely,


Kirk K. Ellenfeldt


Heidi A. Ellenfeldt



MITCHELL R. OLSON
molson@axley.com
(608)283-6724
www.axley.com

MEMORANDUM

TO: Susan K. Allen, Stafford Rosenbaum, LLP
Town of Cottage Grove
Dane County Planning & Zoning

FROM: Charles V. Sweeney
Mitchell R. Olson

DATE: November 8, 2017

RE: Property in the Town of Cottage Grove

The Axley firm represents Rocky Rights, LLC and Mr. Wade Cattell (collectively “the Applicant”) with respect to property in the Town of Cottage Grove. The Applicant is seeking to expand a pre-existing non-metallic mine and to add an associated concrete batch plant.

Ultimately, the proposed use will require a conditional use permit with the approval of Dane County and the Town Board for the Town of Cottage Grove. The Applicant has sought preliminary input from the Town of Cottage Grove Planning Committee. The Planning Committee has held a public hearing on the concept. The Planning Committee had noticed the matter for further consideration at an October 25, 2017 meeting, but decided to table the matter.

There is no record of any member of the Planning Committee, or the Town Board, communicating their position on the Applicant’s proposed project. The Town’s Planning Committee is an advisory body to the Town Board. It is only the decision of the Town Board which controls.

We are in receipt of correspondence from Mr. Roger Lane, Zoning Administrator for Dane County, expressing concern as to process under the Wisconsin Supreme Court case of Marris v. Cedarburg, 176 Wis.2d 14 (1993). It is our position that the Marris case has no application to the Applicant's pending matter.

In Marris, the landowner was cited for possible illegal expansion of a recognized nonconforming use. The City's Plan Commission directed the City's Board of Zoning Appeals to hold a public hearing and issue an interpretation of the nonconforming use ordinance provisions at issue. The Board ruled that the property had lost its status, and the landowner sought judicial review. The Circuit Court found the Board had erred and remanded for further proceedings. It was then, at a closed meeting and subsequent open meeting, that the Board chairperson made certain comments (see below) which triggered a request for recusal, which he rejected. The Board again concluded the property had lost its nonconforming status. An appeal again followed.

The issue presented was whether a board member had prejudged the matter, such that the right to an impartial decision-maker had been violated. A clear statement "suggesting that a decision had already been reached, or prejudged, should suffice to invalidate a decision." Three statements by the Chairperson qualified to as prejudgment bias:

- The Chairman referred to the landowner's legal position as a loophole in need of closing;
- The Chairman stated to the City Attorney and Board Members that they should try "to get [landowner] on the Leona Helmsley rule."
- The Chairman questioned how the Board could know whether the landowner had legitimate expenses.

In total, these comments created an impermissibly high risk of bias such that the Board's decision must be vacated and remanded for a new hearing without the Chairman's participation.

Unlike the Marris case, there is no evidence that any decision-maker has prejudged this matter in any fashion. The Planning Commission has done nothing except hold a public hearing and listen to input from the Applicant and other interested parties. Neither the Plan Commission or the Town Board have debated the matter or voted on the matter. There is absolutely no evidence, at this time, of any prejudgment bias.

Going forward, the Applicant intends to file the CUP application with Dane County and follow the County's direction in terms of appearances before the Town Planning Committee, the Town Board, and the County.

In conclusion, the process followed to date, and the future process anticipated, will not result in any prejudgment bias or the lack of an impartial decision-maker.

CVS / MRO

Conditional Use Permit - Mineral Extraction Application Checklist

See Attached

OPERATIONS PLAN

Applicant			Zoning
Plan Requirement	✓	Location in plan - page #	✓
1. Legal description - CSM and/or exact metes & bounds. Size of area requesting - acreage 35 acres Parcel number(s) 018/0711-273-9514	✓ ✓ ✓	3	
2. Written statement that includes the following:			
General description of the operation.	✓		
Existing uses of the land.	✓		
Existing natural features including depth to groundwater.	✓		
Types and quantities of materials that will be extracted.	✓		
Proposed dates to begin extraction, end extraction and complete reclamation.	✓		
Proposed hours and days of operation.	✓		
Geologic composition and depth to the mineral deposit.	✓		
Identify all major proposed haul routes to the nearest Class A highway or truck route. Indicate traffic flow patterns.	✓		
Proposed phasing plan (recommended for larger sites)	✓		
Types, quantities and frequency of use of equipment to extract, process and haul.	✓		
Frequency of blasting, drilling, mining, crushing, screening, washing, refueling.	✓		
Bulk fuel storage.	✓		
Asphalt batching or concrete mixing.	✓		
Proposed storage of recycled materials.	✓		
Does extraction occur below the water table / protection of groundwater.	✓		
Permanent or temporary structures.	✓		
Spill prevention and or dust control.	✓		
Proposed use after final reclamation as consistent with Ch. 74. Separate checklist for reclamation permit.			

This checklist is required in addition to a complete application for a conditional use permit. Application may be deemed incomplete if required information is not submitted.

OPERATING PLAN FOR PROPOSED GRAVEL PIT

We are proposing to mine the aggregate out of the 35 acres directly north of our existing pit and quarry

The existing land is used as farm land and woods

The existing land is farm land and woods and the depth to ground water ranges approximately 7-15 ft.

The material to be mined is sand and gravel approximately 30-50,000 tons/yr Municipal work could increase this amount

The date to begin would be approx. 6 months after the approval is granted and go for 20 years and be returned to agricultural or recreational

The operational hrs. would match the agreed upon hrs. that are at our existing pit 6am to 6pm Mon through sat. no Sundays

The depth to the mineral is anywhere from 2-7 ft the overburden consists of topsoil and clay

All material will be brought to the existing Hellickson pit and trucked out used as we do now to Hwy 12

The area to be mined will be in small areas at a time and filled back in as we go (phasing plan)

The operation will require backhoes, haul trucks and dozers and should only be active 3-4 months a year unless we would have a larger need for material although reclamation will take place continually during our working season

No blasting drilling crushing screening will take place on this site

No fuel will be stored on this site

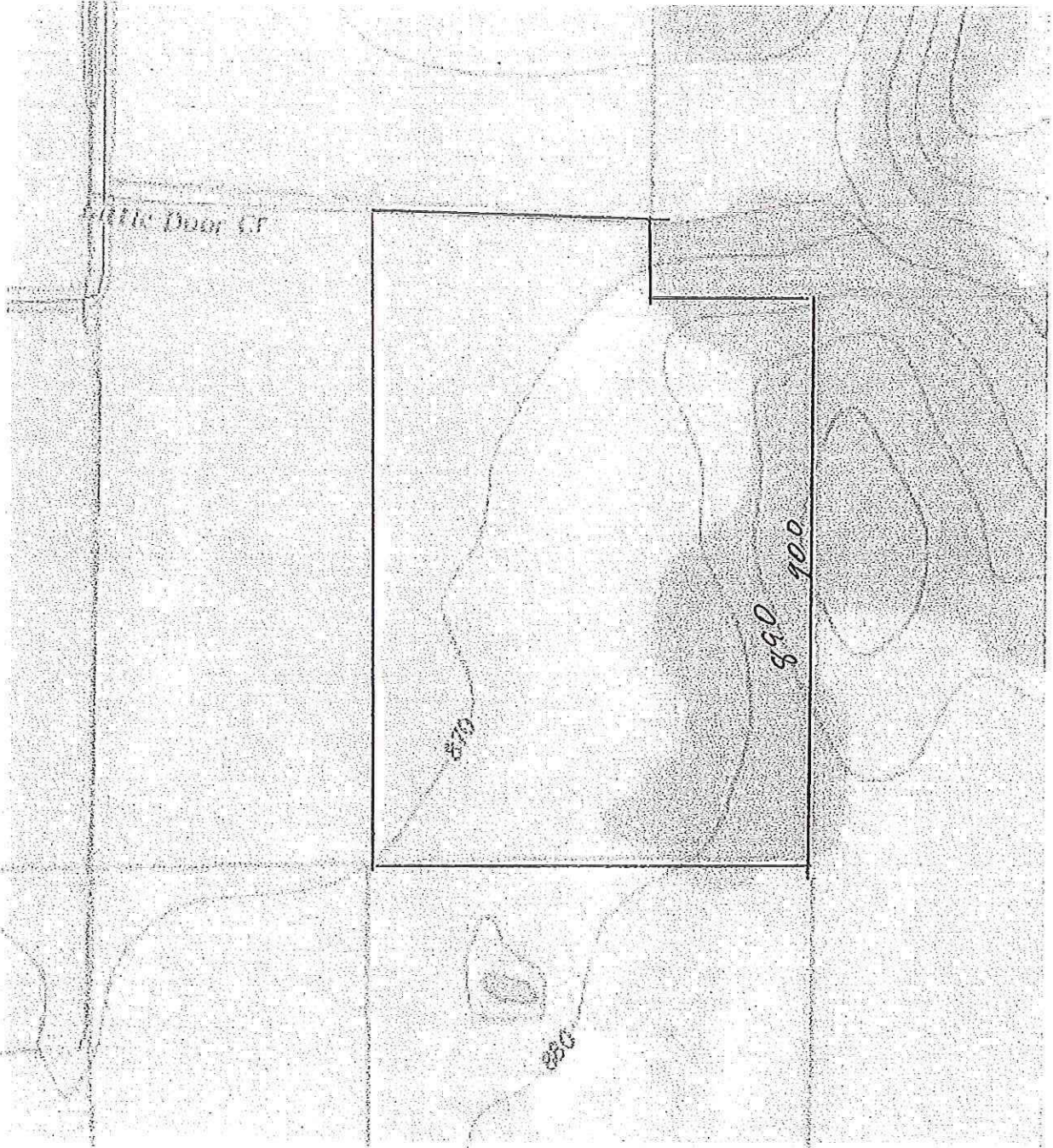
No asphalt or concrete will be produced on this site

No storage of recycled material will be on this site

Extraction of the material will be below the water table but typically the area is dewatered prior to mining

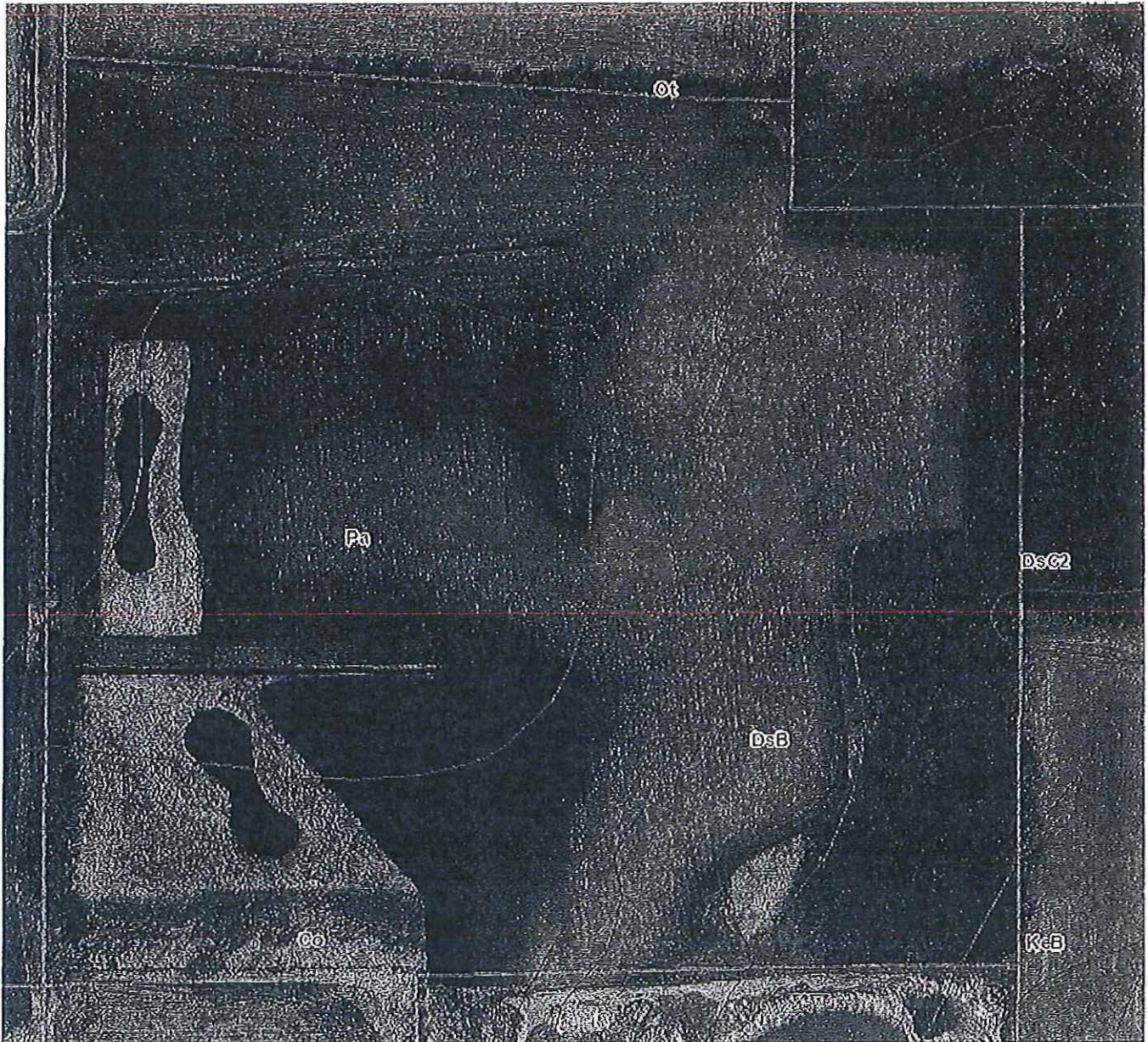
There will be no permanent structures on site

The haul roads will be maintained to match our dust control plan Please note most of the extracted material will be wet so dust usually is a non-issue



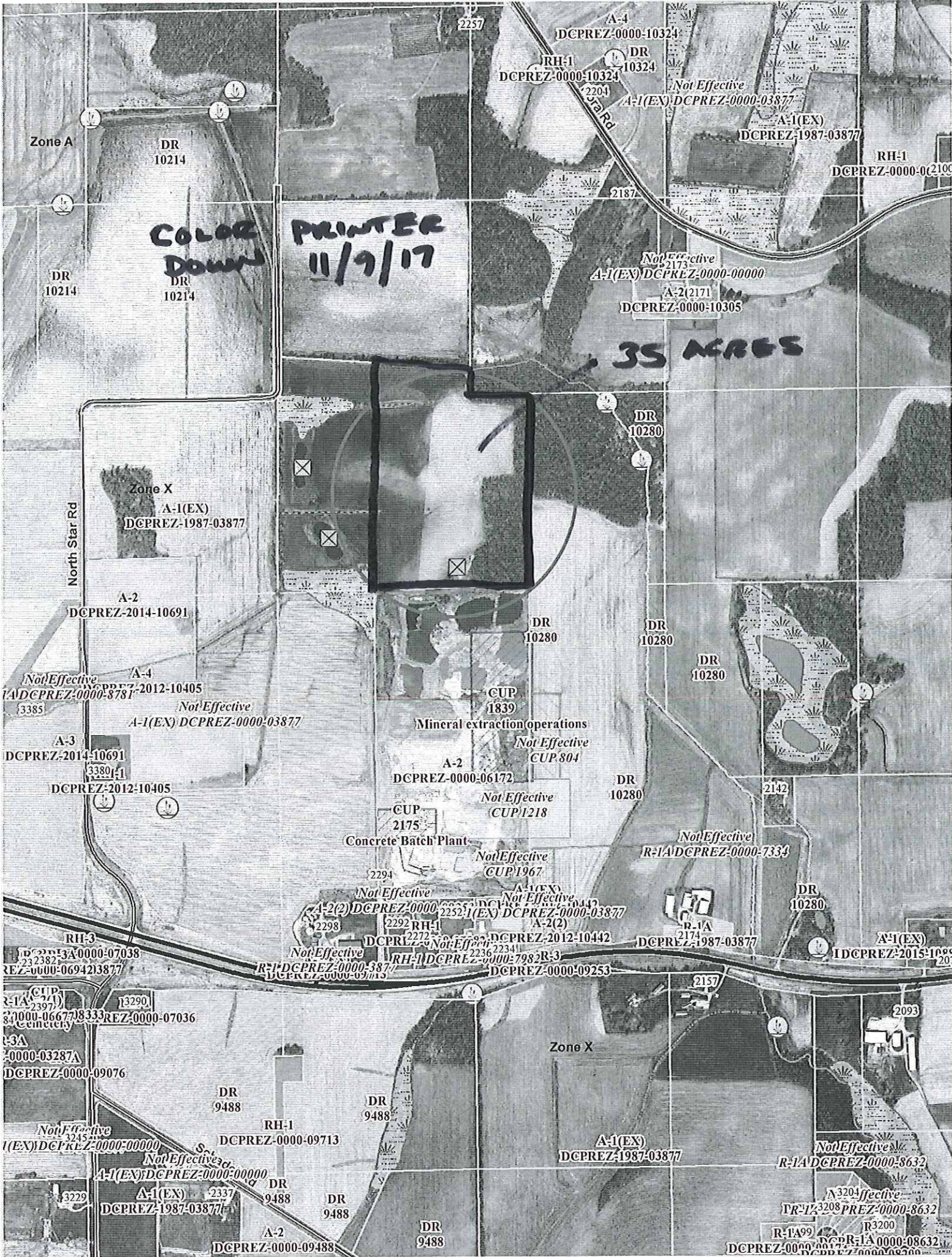
Wade Cattell

From: Michelle Burse <mburse@bse-inc.net>
Sent: Monday, August 14, 2017 2:04 PM
To: Wade Cattell
Subject: soils



Michelle L. Burse P.E., P.L.S.
President
Burse Surveying and Engineering, Inc.
2801 International Lane, Suite 101
Madison, WI 53704
Ph: (608) 250-9263

SOILS



COLOR DOWN

PRINTER 11/9/17

35 ACRES

Zone A

DR 10214

DR 10214

DR 10214

DCPREZ-0000-10324

RH-1 DCPREZ-0000-10324

DR 10324

Not Effective

A-1(EX) DCPREZ-0000-03877

A-1(EX) DCPREZ-1987-03877

RH-1 DCPREZ-0000-02100

Not Effective A-1(EX) DCPREZ-0000-00000

A-2(2171) DCPREZ-0000-10305

Zone X

A-1(EX) DCPREZ-1987-03877

North Star Rd

A-2 DCPREZ-2014-10691

DR 10280

DR 10280

DR 10280

DR 10280

Not Effective A-4 DCPREZ-2012-10405

Not Effective A-1(EX) DCPREZ-0000-03877

CUP 1839

Mineral extraction operations

Not Effective CUP 804

A-2 DCPREZ-0000-06172

DR 10280

A-3 DCPREZ-2014-10691

DCPREZ-2012-10405

CUP 2175

Not Effective CUP 1218

Concrete Batch Plant

Not Effective CUP 1967

Not Effective R-1A DCPREZ-0000-7334

DR 10280

RH-3 DCPREZ-2013A-0000-07038

DCPREZ-0000-0694213877

CUP 2294

Not Effective A-1(EX) DCPREZ-0000-22291

Not Effective A-2(2) DCPREZ-2012-10442

R-1A DCPREZ-1987-03877

A-1(EX) DCPREZ-2015-10207

CUP 2397 DCPREZ-0000-06677

DCPREZ-0000-07036

Zone X

DR 9488

DR 9488

RH-1 DCPREZ-0000-09713

A-1(EX) DCPREZ-1987-03877

Not Effective R-1A DCPREZ-0000-8632

Not Effective A-1(EX) DCPREZ-0000-00000

Not Effective A-1(EX) DCPREZ-0000-00000

DR 9488

DR 9488

A-1(EX) DCPREZ-1987-03877

A-2 DCPREZ-0000-09488

DR 9488

R-1A99 DCPREZ-0000-08632



Dane County Planning and Development Department
Zoning Division
Room 116, City-County Building, 210 MLK Jr Boulevard, Madison, Wisconsin 53703
(608) 266-4266 Fax (608) 267-1540

ZONING MAP AMENDMENT
(Rezoning Petition)
&
CONDITIONAL USE PERMIT PROCESS

Zoning Petition No: DCPCUP-2017-02405 Conditional Use Permit No: NONE
Public Hearing Date: 01/23/2018 Time: 6:30 PM
Committee: Dane County Zoning and Land Regulation Committee
Location: City-County Building, Room 354, 210 Martin Luther King, Jr., Blvd.

Please follow these steps to ensure your application is processed in a timely manner.



1. TOWN REVIEW

All petitions require a formal review by the town's Plan Commission and Board. Please contact the town as soon as possible to notify them that you have submitted a CUP and/or Rezone Petition with Dane County Zoning. A copy of your application will be sent to the Town, approximately one week after the deadline date as noted on the ZLR meeting schedule.

Please note that the town may have specific procedures or fees to process your proposal. In order for the Dane County Zoning and Land Regulation (ZLR) Committee to act on your petition, the Town Clerk must submit a formal Town Action Report by the Thursday prior to the public hearing date. The ZLR Committee will not take action until it has received a Town Action Report.

2. STAFF REVIEW

Dane County staff will begin a review of your application approximately one month prior to the public hearing. Your proposal will be reviewed for consistency against the Town Land Use/Comprehensive Plan and the Dane County Comprehensive Plan. If your proposal involves the creation of new residential lot, a housing density study will be performed to determine the housing density rights associated with the original farm. In addition, the property will be reviewed

for environmentally sensitive areas. You will be contacted if any conflicts arise with your petition. A staff report will be prepared for the ZLR Committee and you will be provided with a copy of this report approximately one week prior to the meeting. All proposed land use changes, rezones, and land divisions must be consistent with the Dane County Comprehensive Plan.

3. ZONING AND LAND REGULATION COMMITTEE PUBLIC HEARING

A public hearing will be held in front of the ZLR Committee. The staff will publish notices in the Wisconsin State Journal approximately two weeks prior to the ZLR public hearing. In addition, all property owners within 300 feet of the property will be notified by mail of your request.

An agenda will be sent to you and your agent approximately one week prior to the meeting. This meeting is an opportunity for individuals to speak in support, opposition, or raise concerns about your proposal.

At the public hearing, the ZLR Chairperson will announce your petition and request that you or your agent speak on behalf of your petition. You will need to approach the podium and state your name, location of your property, the current zoning district of the property, the change request, and reason for the change of zoning. After hearing testimony, The ZLR Committee may recommend approval, postponement, or denial of your petition.

Actions by the Zoning and Land Regulation Committee

Approval: If the Committee received a timely Town Action Report, a favorable Staff report, no public opposition, and no unresolved issues/questions by the committee, the ZLR Committee may recommend approval of your petition to the County Board. See ZLR schedule sheet.

Postponement: If the Committee did not receive a Town Action Report, or if concerns are raised, the petition will be postponed until the next ZLR work meeting. This meeting (called the work meeting) will be held 2 weeks after the public hearing. The delay provides an opportunity for the applicant and staff to address concerns. Staff will contact you to review your options.

Denial: If the Committee recommends denial of your petition, the petition will be sent to the County Board. See ZLR schedule sheet. Proposals which are not consistent with adopted Town or County Comprehensive Plans may be denied.

4. COUNTY BOARD

After the ZLR Committee acts on your petition, it is then placed on the next County Board agenda. At the Board meeting, all zoning petitions on the agenda are generally acted upon in one action. Your attendance is generally not needed. However, if your petition was controversial or if the ZLR Committee did not pass the petition unanimously, you should plan to attend the

County Board meeting in case questions arise. Conditional Use Permits do not require approval of the County Board.

5. COUNTY EXECUTIVE

All zoning petitions approved by the ZLR Committee and County Board are sent to the County Executive for approval. The Executive may approve or veto your petition and are generally acted upon within 10 days of County Board action. Conditional Use Permits do not require approval by the County Executive.

6. COUNTY CLERK / TOWN CONFIRMATION

If your petition was amended or conditions placed on it, such as the recording a Certified Survey Map or a Deed Restrictions, the County is required to send the petition back to the town to confirm the set conditions. The town is given 40 days to act. Please contact the Town

Clerk to see if any additional town meetings require your attendance. Final approval may begin when County receives the town confirmation or the 40 days expires.

7. FINAL APPROVAL

The final step in the process is to meet the conditions imposed on the petition. A letter will be sent to you and your surveyor informing you of all actions that are needed to make the zoning change effective. **You are generally given a 90-day period in which to complete the actions (called the "Delayed Effective Date").** Failure to complete the actions in the designated time frame will render the petition **VOID**.

Contact your Surveyor as soon as possible to submit any required Certified Survey Map (CSM). Please note that the Town or a neighboring municipality may need to approve the CSM as a separate action. Further, signatures may be needed from the owners, mortgage holder, Town Official, neighboring municipality, Dane County Highway Department, and Dane County Land Division Officer, in order to record the CSM.

If a deed restriction is required, a form will be provided to you by Dane County Staff. Please note that your surveyor may need to provide a suitable property description for the deed restriction document.

When all conditions are satisfied, the Zoning Division will notify you by mail that the zoning change or Conditional Use Permit has become effective. Once the zoning becomes effective, a zoning permit for construction may be issued for the property.



Dane County Planning and Development Department Zoning Division

Room 116, City-County Building, 210 MLK Jr Boulevard, Madison, Wisconsin 53703
(608) 266-4266 Fax (608) 267-1540

NOTICE

REZONE / CUP DIGITAL LEGAL DESCRIPTIONS REQUIRED

Effective immediately, legal descriptions for Rezone and/or Conditional Use Permit (CUP) applications must be submitted electronically via email to Dane County Zoning in text or word format. If email submission is not possible, legal descriptions can be submitted on CD-ROM. When making application for a Rezone or CUP, please provide zoning staff with a hardcopy of the legal description(s). Email submissions of legal descriptions must be made within two (2) weeks of the date you applied for the rezone / CUP with Dane County. Failure to provide the digital copy in a timely manner may result in delays processing your rezone or CUP.

The email submission should contain:

- Applicant's name & Petition/CUP Number in the subject heading.
- Attached legal descriptions in MS Word compatible format.

The legal description should include:

- Proposed new zoning district(s) followed by description(s).
- The total acreage or square footage in each description.

Please email the legal description to zonelegals@countyofdane.com or Burns.Diana@countyofdane.com. Please contact Diana Burns at (608) 266-4253 if you have any questions regarding this procedure.



Dane County Planning and Development Department Zoning Division

Room 116, City-County Building, 210 MLK Jr Boulevard, Madison, Wisconsin 53703
(608) 266-4266 Fax (608) 267-1540

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EXISTING ASPHALT DW 28' WIDE

ZONED A1 (EX)

ZONED A1 (EX)

NO TRESPASSING SIGN(TYP.)

MATERIAL STORAGE AREAS

REMOVE EXISTING FENCE

BARBED WIRE FENCE

ZONED A1 (EX)

ZONED A1 (EX)

0.44 MILES

0.40 MILES

0.20 MILES

18

WARRANTY DEED

Document Number

Document Name



* 4 3 6 4 8 6 2 2 *

DANE COUNTY REGISTER OF DEEDS

DOCUMENT #

4364862

10/10/2007 01:04PM

Exempt #: 3

Rec. Fee: 13.00

Pages: 2

THIS DEED, made between GROVE ACRES, LLC.

(“Grantor,” whether one or more),

and KIRK K. EILENFELDT AND HEIDI A. EILENFELDT,

HUSBAND AND WIFE, SURVIVORSHIP MARITAL PROPERTY

(“Grantee,” whether one or more).

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in DANE County, State of Wisconsin (“Property”) (if more space is needed, please attach addendum): SEE ATTACHED LEGAL DESCRIPTION

Recording Area

Name and Return Address

KIRK K. EILENFELDT
HEIDI A. EILENFELDT
3710 RIDGE ROAD
DEERFIELD, WI. 53531

THIS DEED IS GIVEN TO CORRECT A PREVIOUSLY RECORDED DEED, DOC. NO. 3799896, RECORDED ON AUGUST 29, 2003 IN THE DANE COUNTY REGISTER OF DEEDS OFFICE.

018/0711-273-9514-0

Parcel Identification Number (PIN)

This IS NOT homestead property. (is) (is not)

Exceptions to warranties:

MUNICIPAL AND ZONING ORDINANCES AND AGREEMENTS ENTERED UNDER THEM, RECORDED EASEMENTS FOR THE DISTRIBUTION OF UTILITY AND MUNICIPAL SERVICES, RECORDED BUILDING AND USE RESTRICTIONS AND COVENANTS.

Dated 6-8-07.

(SEAL) * (Signature line)

(SEAL) (Signature) (SEAL)
* DANIEL G. STRAUSE,
MANAGING MEMBER

(SEAL) * (Signature line)

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) OF THE ABOVE PARTY

authenticated on 10/2/07.

(Signature)
* MICHAEL D. RUMPF

MEMBER STATE BAR OF WISCONSIN
(If not, authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:

MICHAEL D. RUMPF, ATTORNEY AT LAW
P.O. BOX 1, CAMBRIDGE, WI. 53523

STATE OF WISCONSIN)
) ss.
DANE COUNTY)

Personally came before me on the above-named DANIEL G. STRAUSE

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

Notary Public, State of Wisconsin
My Commission (is permanent) (expires:)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

WARRANTY DEED STATE BAR OF WISCONSIN FORM No. 2-2003

*Type name below signatures.

2/13

THE SOUTHEAST $\frac{1}{4}$ OF THE SOUTHWEST $\frac{1}{4}$, PART OF THE NORTHEAST $\frac{1}{4}$ OF THE SOUTHWEST $\frac{1}{4}$, PART OF THE SOUTHWEST $\frac{1}{4}$ OF THE SOUTHEAST $\frac{1}{4}$ OF SECTION 27, T7N, R11E, TOWN OF COTTAGE GROVE, DANE COUNTY, WISCONSIN, DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 27; THENCE ALONG THE SOUTH LINE OF SAID SOUTHWEST $\frac{1}{4}$ N88°30'19"E, 1333.21 FEET TO THE SOUTHWEST CORNER OF SAID SOUTHEAST $\frac{1}{4}$ OF THE SOUTHWEST $\frac{1}{4}$ AND THE POINT OF BEGINNING; THENCE ALONG THE WEST LINE OF SAID SOUTHEAST $\frac{1}{4}$ OF THE SOUTHWEST $\frac{1}{4}$ N00°15'19"W, 1602.7 FEET TO A MEANDER CORNER; THENCE CONTINUING ALONG SAID WEST LINE N00°15'19"W, 30 FEET MORE OR LESS TO THE NORTH BANK OF A DRAINAGE DITCH; THENCE ALONG SAID WEST LINE S00°15'19"E, 30 FEET MORE OR LESS TO THE ABOVE SAID MEANDER CORNER; THENCE ALONG A MEANDER LINE S86°45'36"E, 1173.00 FEET TO A MEANDER CORNER BEING 30 FEET MORE OR LESS SOUTH OF THE NORTH BANK OF SAID DRAINAGE DITCH; THENCE CONTINUING ALONG SAID MEANDER LINE S89°16'20"E, 163.35 FEET TO A MEANDER CORNER AND A POINT ON THE EAST LINE OF SAID NORTHEAST $\frac{1}{4}$ OF THE SOUTHWEST $\frac{1}{4}$; THENCE ALONG SAID EAST LINE N00°12'27"W, 30 FEET MORE OR LESS TO THE NORTH BANK OF SAID DRAINAGE DITCH; THENCE ALONG SAID EAST LINE S00°12'27"E, 30 FEET MORE OR LESS TO SAID MEANDER CORNER; THENCE CONTINUING ALONG SAID EAST LINE, S00°12'27"W, 158.23 FEET TO THE NORTHWEST CORNER OF THE SOUTHWEST $\frac{1}{4}$ OF THE SOUTHEAST $\frac{1}{4}$ OF SAID SECTION 27; THENCE ALONG THE NORTH OF SAID SOUTHWEST $\frac{1}{4}$ OF THE SOUTHEAST $\frac{1}{4}$ N88°51'22"E, 412.61 FEET; THENCE S00°11'54"E, 1338.38 FEET TO THE SOUTH LINE OF SAID SOUTHWEST $\frac{1}{4}$ OF THE SOUTHEAST $\frac{1}{4}$; THENCE ALONG SAID SOUTH LINE S88°32'14"W, 412.44 FEET TO THE SOUTH $\frac{1}{4}$ CORNER OF SAID SECTION 27; THENCE ALONG THE SOUTH LINE OF THE SOUTHEAST $\frac{1}{4}$ OF THE SOUTHWEST $\frac{1}{4}$ OF SECTION 27, S88°30'19"W, 1333.21 FEET TO THE POINT OF BEGINNING INCLUDING ALL LANDS LYING BETWEEN SAID MEANDER LINE AND THE NORTH BANK OF DRAINAGE DITCH. SAID PARCEL CONTAINS 60.05 ACRES MORE OR LESS.

ACCESS EASEMENT FOR FIELD ROAD

PART OF THE NORTHEAST $\frac{1}{4}$ OF THE NORTHWEST $\frac{1}{4}$ AND PART OF THE SOUTHEAST $\frac{1}{4}$ OF THE NORTHWEST $\frac{1}{4}$ OF SECTION 34, T7N, R11E, TOWN OF COTTAGE GROVE, DANE COUNTY, WISCONSIN, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 34; THENCE ALONG THE NORTH LINE OF SAID NORTHWEST $\frac{1}{4}$, N88°30'19"E, 1999.82 FEET TO THE WEST LINE OF THE EAST $\frac{1}{2}$ OF THE SOUTHEAST $\frac{1}{4}$ OF THE NORTHWEST $\frac{1}{4}$ AND EAST $\frac{1}{2}$ OF THE NORTHEAST $\frac{1}{4}$ OF THE NORTHWEST $\frac{1}{4}$ OF SAID SECTION 34 AND THE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID NORTH LINE N88°30'19"E, 20.00 FEET; THENCE S01°03'21"E, 2115.66 FEET; THENCE N88°22'36"E, 46.12 FEET TO THE NORTHWEST CORNER OF LOT 1 CERTIFIED SURVEY MAP No. 9984; THENCE ALONG THE WEST LINE OF SAID LOT 1 S01°02'30"E, 491.25 FEET TO THE SOUTHWEST CORNER OF SAID LOT 1 AND THE NORTH RIGHT OF WAY LINE OF UNITED STATES HIGHWAY 12 AND 18; THENCE ALONG SAID NORTH RIGHT OF WAY LINE S87°57'53"W, 66.01 FEET TO THE WEST LINE OF THE EAST $\frac{1}{2}$ OF THE SOUTHEAST $\frac{1}{4}$ OF THE NORTHWEST $\frac{1}{4}$ AND THE EAST $\frac{1}{2}$ OF THE NORTHEAST $\frac{1}{4}$ OF THE NORTHWEST $\frac{1}{4}$ OF SAID SECTION 34; THENCE ALONG SAID WEST LINE N01°03'21"W, 2607.43 FEET TO THE POINT OF BEGINNING.

Dane County Erosion Control Permit Application

(Application must be made in-person.
Incomplete applications will not be accepted.)

APPLICANT STATES
THAT A SEPARATE
RECLAMATION PLAN
WILL BE SUBMITTED.

Project Name: Cattell Pit Expansion Applicant Information (Individual making in-person application)

Landowner Name(s): Wade Cattell Applicant Name: Nate Oswald

Landowner Address: 2294 US Highway 12 Applicant Address: 7530 Westward Way
Cottage Grove, WI 53527 Madison, WI 53717

Landowner Phone: (608) 576-6248 Applicant Phone: (608) 833-7530

Landowner E-mail: wcattell@rpcattell.com Applicant E-mail: noswald@donofrio.cc

Name and company of engineer/consultant who prepared the plans: D'Onofrio, Kottke, & Associates Inc.

Type of Permit: (check only one) Erosion Control (EC) Shoreland Erosion Control (SE)

Municipality: Town of Cottage Grove Section: 27 Quarter: SW Parcel #: 0711-273-9514-0

Fee Calculation (all projects must include disturbed area and new impervious area)

Total Disturbed Area	<u>1,448,000</u> ft ² x \$0.006/ft ² = \$ <u>8,688.00</u>
Total New Impervious Area	<u>0</u> ft ²
(includes gravel)	
Total Redevelopment Impervious Area	<u>0</u> ft ²
(includes gravel)	
Base Fee: Erosion Control (EC) \$200 OR Shoreland Erosion Control (SE) \$400	Base Fee = \$ <u>200.00</u>
<input type="checkbox"/> Check box to apply \$200 base fee for Shoreland Erosion Control (SE) projects meeting criteria in s. 11.05(2)(c)	Total Fee = \$ <u>8,888.00</u>

Notes:

- All requirements included in this application correspond to the requirements set forth in Chapters 11 and/or 14 of the Dane County Code of Ordinances.
- By submitting this application, permittee and landowner permit Dane County staff to enter project property for inspection and/or curative action (s. 11.05(5)(a)3 or 14.49(4)(c)).
- Late filing fee: The permit fee shall be doubled where work has begun before a permit has been obtained (s. 11.50(7) or 14.55(2)(b)).

Applicant Signature: Nate Oswald Date: 9-15-17

If the person submitting the application is not the landowner, a notarized statement authorizing the applicant to act as the landowner's agent must be attached.

This application must be submitted in person (M-F, 8 A.M. – 4 P.M.)
with two copies of all permit materials & fees to:

Water Resource Engineering Division, 5201 Fen Oak Drive, Room 208, Madison, WI 53718

Erosion Control Application Checklist

For Office Use Only

Permit Number: _____

Associated Permits: _____

Project Name: Cattell Pit Expansion

Erosion Control Plan Requirements – Plan Materials	X	Location of Information: Page Number or Attachment
1. Narrative describing the proposed project	✓	Erosion Control Report
2. Site plan (of known scale that includes: property lines, disturbed area limits, impervious area limits (existing and proposed), natural and artificial water features, 100-yr flood plain, delineated wetland boundaries, location of all proposed erosion control practices) <i>NOTE: Grading within 5' of the property line requires department approval</i>	✓	Site Plan (Conditional Use Exhibit)
3. Contours (existing and proposed)	✓	GEC Plan
4. Watershed size for each drainage area (include area draining to the site and within project boundaries)	✓	Pre & Post-Developed Watershed Map
5. Culvert sizes (existing and proposed)	✓	N/A
6. Cross sections and profiles of ditches, channels, swales and structural measures (existing and proposed)	✓	N/A
7. Design calculations for ditches, channels, swales and structural measures (velocity & capacity calculations)	✓	N/A
8. Direction of runoff flow from impervious surfaces (roof downspouts, driveways, etc.)	✓	GEC PLAN
9. Universal Soil Loss Equation (USLE) worksheet(s) (for each element of the erosion control plan. Dates must correspond to construction schedule and be appropriate for each erosion control practice)	✓	USLE
10. Tracking control (provisions to prevent mud-tracking onto public streets and roads during construction, e.g. tracking pad or existing gravel drive)	✓	GEC PLAN / EC Report
11. Sediment control practices to protect stormwater facilities or storm sewer inlets, existing and proposed, on or adjacent to the site (e.g. inlet protection or stone weeper)	✓	GEC Plan
12. Site stabilization details & methods (type & rate of fertilizer, seed, mulch, sod, etc.)	✓	GEC Plan
13. Any other necessary information pertaining to the physical or environmental features of the site	✓	
Erosion Control Plan Requirements - Performance Standards	X	Location of Information: Page Number or Attachment
14. Prevent gully and bank erosion	✓	GEC Plan
15. Practices must reduce erosion to minimum sheet and rill erosion standards: (7.5 tons/acres/year)	✓	USLE
16. Proof of stable outlet capable of carrying site runoff at a non-erosive velocity (outlet design must account for flow capacity and duration)	✓	N/A
Permit Application Requirements	X	Location of Information: Page Number or Attachment
17. Timetable and construction schedule	✓	GEC Plan / USLE
18. Preliminary review letter	✓	Under Review
19. Copies of permits or approval from other agencies (WDNR, US Army Corps of Engineers, County Zoning, Town, etc.)	✓	Under Review
20. Itemized estimated cost of erosion control plan implementation (including installation and labor)	✓	Engineer's Estimate
21. Financial responsibility (financial security instrument required if cost estimate exceeds \$5000)	✓	N/A - under \$5,000

CATTELL PIT EXPANSION

EROSION CONTROL REPORT

PREPARED FOR

Rocky Rights, LLC
c/o Wade Cattell
2294 US Highway 12
Cottage Grove, WI 53527

September 15, 2017

PREPARED BY

D'Onofrio, Kottke & Associates, Inc.
7530 Westward Way
Madison, Wisconsin 53717
Nate Oswald, E.I.T

FN: 17-05-130

TABLE OF CONTENTS

Introduction	Page 3
Erosion Control Measures	Page 3
Conclusions	Page 4

EXHIBITS:

- A. Project Location Map
- B. Surface Water Data Viewer Map
- C. Soil Loss & Sediment Discharge Calculation Tool (formerly USLE)
- D. Phase Map
- E. Pre & Post-Development Watershed Boundaries Map
- F. Web Soil Survey Map

INTRODUCTION

The intent of this report is to provide details on how the proposed quarry expansion, Cattel Pit Expansion, will be mined in accordance with applicable stormwater and erosion control standards. This report addresses erosion control for the expansion area shown on the Project Location Map included as Exhibit A.

The proposed expansion area consists of approximately 35 acres of undeveloped existing land in the Town of Cottage Grove, WI. The site is located north of US Highway 12, east of County Highway N, south of Little Door Creek, and west of Nora Road. The site is located in the SW quarter of Section 27, Township 07N, Range 11E, Town of Cottage Grove, Dane County, Wisconsin. A project location map can be found in Exhibit A.

According to the Wisconsin Wetland Inventory on the DNR Surface Water Data Viewer, the proposed expansion site consists of wetland indicator soils. The Surface Water Data Viewer Map can be found in Exhibit B.

The proposed site improvements for this project will require land disturbing activity in excess of one acre. Therefore, the proposed expansion will require a County erosion control permit and an electronic Notice of Intent will be submitted. Per DNR requirements, total permissible annual aggregate soil loss for exposed areas will not exceed 5 tons per acre per year. A Soil Loss & Sediment Discharge Calculation Tool (formerly USLE) can be found in Exhibit C.

Phase 1 of the quarry expansion will consist of installing barbed wire fence with no-trespassing signs around the entire 35 acre parcel. A 7' high berm, with 1:1 side slopes, will be constructed along the eastern property line while a 5' high berm, with 1:1 side slopes, will surround the northern and eastern limits of phase 1 as shown on the Phase Map shown in Exhibit D. All mining along the eastern edge will be a minimum of 15' from the property line. The berms will be constructed by stripping over-burden as each phase is being mined. All berms will be stabilized with seed and mulch within 14 calendar days of berm completion. Future phases will be developed depending on market conditions, and the total expansion will take approximately 20 years. Once a phase is ready to be expanded into the next phase, the existing earthen berms will be expanded to surround the entire future phase prior to mining. As future phases are opened up, previous phases shall be reclaimed. Upon completion of mining, the area will be returned to farm land.

The phases that have been mined out will be reclaimed as future phases are opened.

All stormwater runoff will be contained within each phase. No off-site runoff will enter or leave the site. Erosion control will consist of stabilizing the berms during the mining, and final restoration upon completion of reclamation.

The existing expansion site is contained within a larger watershed. A Pre & Post-Developed Watershed Area Map is included in Exhibit E.

STANDARDS & RESULTS

The proposed development requires the following erosion control performance standards.

Erosion Control

Standard: Limit total off-site permissible annual aggregate soil loss for exposed areas to an annual cumulative soil loss rate not to exceed 5 tons per acre per year, prevent gully and bank erosion, and prevent mud tracking off site onto public thoroughfares.

Design Results: The proposed development will limit the soil loss to an annual cumulative rate of less than 5 tons per acre per year. See Exhibit C. Construction vehicles shall utilize the existing gravel drive as a stone construction entrance prior to entering public streets to prevent mud tracking onto public thoroughfares. In the event mud is tracked off site, the public streets shall be cleaned at the end of each working day or more frequently as required by the Town of Cottage Grove and/or Dane County. Berms will be placed around the perimeter of the expanded phase limits. See the Grading and Erosion Control Plan for locations of erosion control BMPs.

CONCLUSIONS

The erosion control for the proposed development meets the Town of Cottage Grove, Dane County, and State of Wisconsin Ordinances. The soil loss leaving the proposed site will not exceed 5 tons/acre/year. since no impervious area is proposed to be constructed, no stormwater management measures are required.

EXHIBIT A



EXHIBIT B



Surface Water Data Viewer Map



Legend

- Wetland Class Points**
 - Dammed pond
 - Excavated pond
 - Filled excavated pond
 - Filled/draind wetland
 - Wetland too small to delineate
- Filled Points**
- Wetland Class Areas**
 - Wetland
 - Upland
- Filled Areas**
- NRCS Wetspots**
- Wetland Indicators**
- Municipality**
- State Boundaries**
- County Boundaries**
- Major Roads**
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads**
 - County HWY
 - Local Road
- Railroads**
- Tribal Lands**
- Rivers and Streams**
- Intermittent Streams**
- Lakes and Open water**
- Index to EN_Image_Basemap_Leaf_Off**

0.3 0 0.13 0.3 Miles

NAD_1983_HARN_Wisconsin_TM

1: 7,920

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

Notes

EXHIBIT C



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Official Version 1.0 (05-15-2015)



YEAR 1

Developer:

Project:

Cattell Pit Expansion

Date:

9/15/2017

County:

Dane

Version 1.0

Activity	Begin Date	End Date	Period % R	Annual R Factor	Sub Soil Texture	Soil Erodibility K Factor	Slope (%)	Slope Length (feet)	LS Factor	Land Cover C Factor	Soil loss A (tons/acre)	Sediment Control Practice	Sediment Discharge (tons/acre)
Bare Ground	8/16/2017	8/30/2017	6.6%	150	Silt Loam	0.43	5.3%	375	1.11	1.00	4.7		4.4
Seed with Mulch or En	8/30/2017	10/30/2017	17.3%	150	Silt Loam	0.43	5.3%	375	1.11	0.10	1.2		0.5
End	10/30/2017	----	----	----	----	----	5.3%	375	1.11	----	----		0.0
		----	----	----	----	----	0.0%	0	----	----	----		0.0
		----	----	----	----	----	0.0%	0	----	----	----		0.0
		----	----	----	----	----	0.0%	0	----	----	----		0.0
TOTAL											6.0	TOTAL	4.9
												% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
 The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
 For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

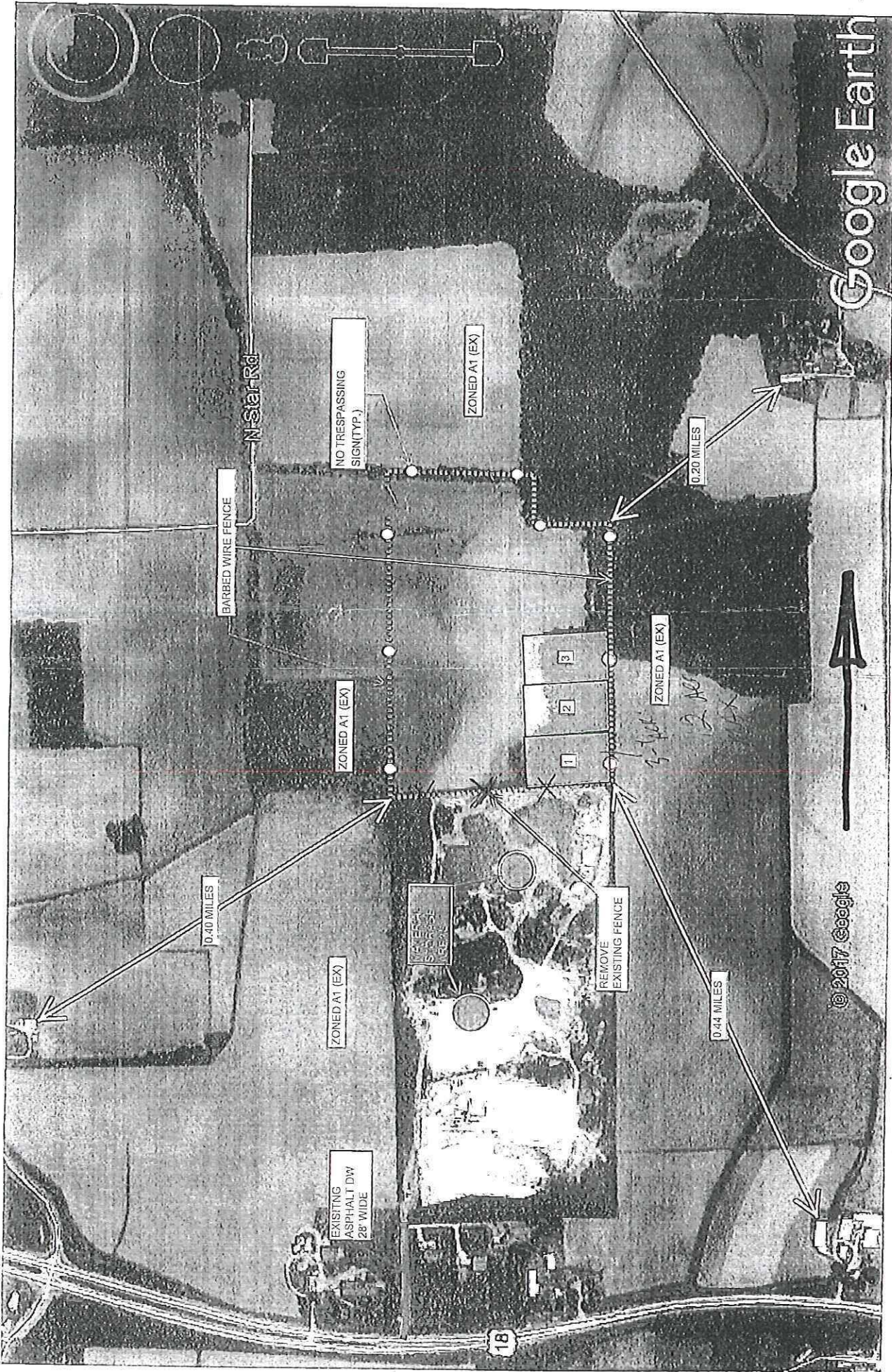
Recommended Permanent Seeding Dates:

4/1-5/15 and 8/7-8/29 Turf, introduced grasses and legumes
 Thaw-6/30 Native Grasses, forbs, and legumes

Designed By:	NGO
Date	9/15/2017

EXHIBIT D

EXHIBIT E



Google Earth



© 2017 Google

NO TRESPASSING SIGN(TYP.)

ZONED A1 (EX)

BARBED WIRE FENCE

N Star Rd

ZONED A1 (EX)

1
2
3

ZONED A1 (EX)

REMOVE EXISTING FENCE

ZONED A1 (EX)

EXISTING ASPHALT DW 28' WIDE

0.40 MILES

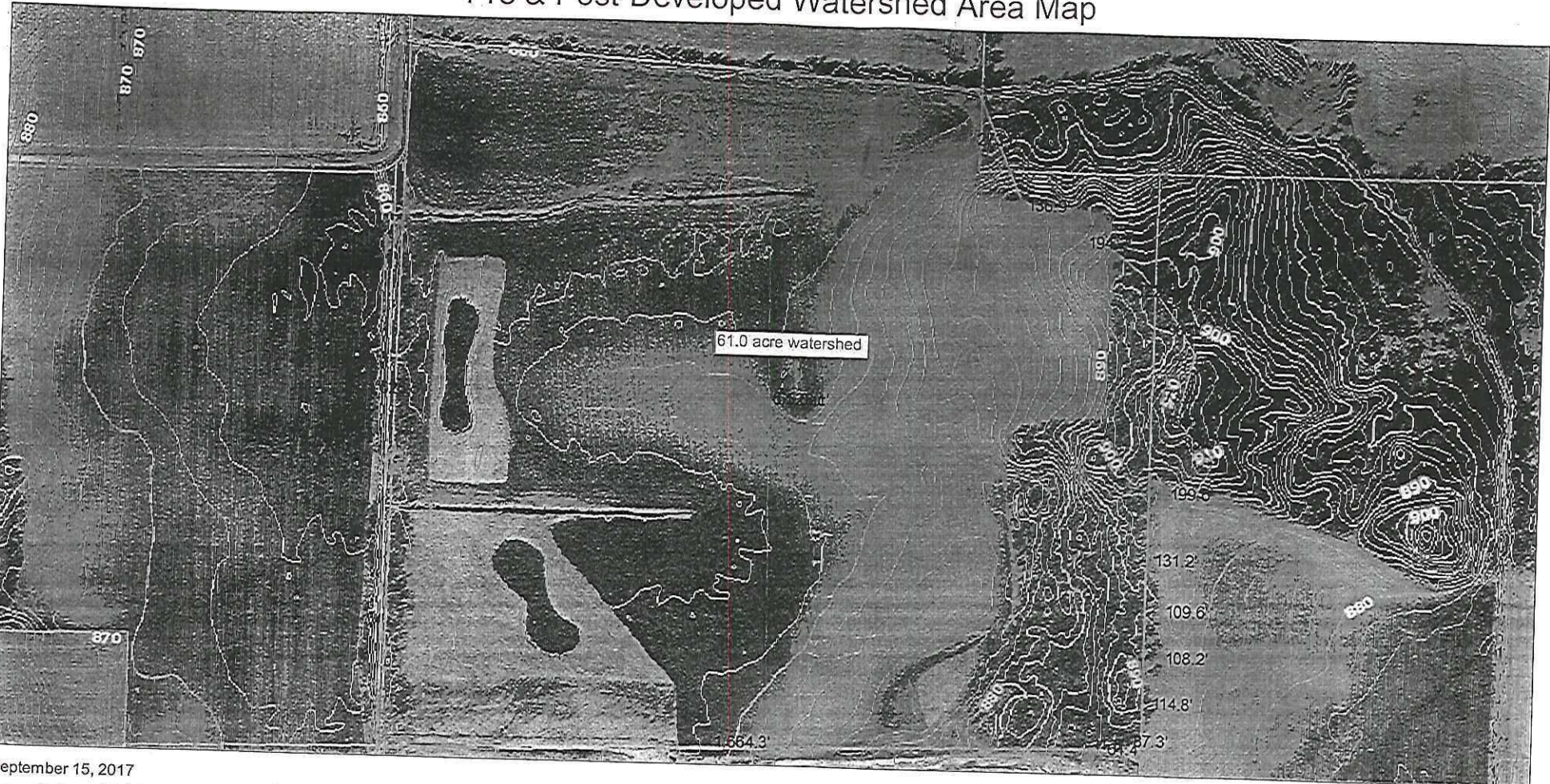
0.20 MILES

0.44 MILES

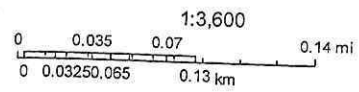
18

© 2017 Google

Pre & Post-Developed Watershed Area Map



September 15, 2017
— Contours - 2 ft Intervals
— Contours - 10 ft Intervals
Tax Parcels



NA
Elevation
Parcels

GRADING AND EROSION CONTROL

NOTES:

1. CONSTRUCTION SCHEDULE:
INSTALL EARTHEN BERMS = 08/16/2017
RESTORE BERMS = 08/30/2017
2. NO LAND DISTURBANCE ACTIVITIES SHALL BEGIN UNTIL ALL EROSION CONTROL BMP'S ARE INSTALLED PER TOWN/COUNTY SPECIFICATIONS.
3. EXISTING GRAVEL DRIVE TO BE UTILIZED AS A STONE TRACKING PAD.
4. EARTHEN BERMS SHALL BE RESTORED WITHIN 14 CALENDAR DAYS OF COMPLETING THE BERM.
5. ALL EROSION CONTROL MEASURES SHOWN ON THE PLAN ARE TO BE MAINTAINED UNLESS NOTED.
6. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THE PROJECT. EROSION CONTROL MEASURES SHOWN ON THE APPROVED PLAN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING EROSION CONTROL PROBLEMS THAT OCCUR AS A RESULT OF CONSTRUCTION ACTIVITIES.
7. INSPECTION & MAINTENANCE SCHEDULE:
 - a. ALL EROSION CONTROL MEASURES MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN IS PRODUCED.
 - b. ALL MAINTENANCE WILL FOLLOW THE INSPECTIONS WITHIN 24 HOURS
10. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE TOWN/COUNTY INSPECTOR, SHALL BE INSTALLED WITHIN 24 HOURS.

INSTALL BARBED WIRE FENCE AROUND WESTERN, NORTHERN, AND EASTERN PERIMETER WITH "NO TRESPASSING" SIGNS

GATE

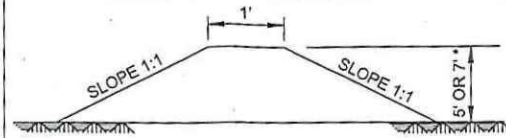
FUTURE PHASE LIMITS (TYP.) APPROXIMATELY 3-4 ACRES

FUTURE (TYP.) 5' HIGH EARTHEN BERM 1:1 SIDE SLOPES

5' HIGH EARTHEN BERM 1:1 SIDE SLOPES

PHASE LIMITS (TYP.) APPROXIMATELY 3-4 ACRES

LIMITS OF DISTURBANCE (1,448,000 SQ. FT.)



EARTHEN BERM - TYPICAL SECTION

NOT TO SCALE

- * - 5' TALL BERM ALONG NORTHERN AND WESTERN PHASE LIMIT.
- 7' TALL BERM ALONG EASTERN PHASE LIMIT.

FUTURE (TYP.) 7' HIGH EARTHEN BERM 1:1 SIDE SLOPES

7' HIGH EARTHEN BERM 1:1 SIDE SLOPES

UTILIZE EXISTING GRAVEL PATH AS STONE TRACKING PAD

60 FIELD STREET AND ASSOCIATES, INC.
7550 Westwood Way, Madison, WI 53717
Phone: 608.833.2550 • Fax: 608.833.1859
1215 N. FURNACE ST., SUITE 100, MILWAUKEE, WI 53233

CATTELL PIT EXPANSION



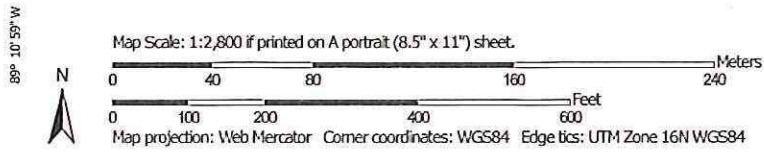
SCALE: 1" = 200'
DATE: 09-15-17
REVISED:

DRAWN BY: ASD
FN: 17-05-130

Sheet Number:
1 of 1

































EXHIBIT F

Hydrologic Soil Group—Dane County, Wisconsin
(Cattell Pit Expansion)



Hydrologic Soil Group—Dane County, Wisconsin
(Cattell Pit Expansion)

MAP LEGEND

- Area of Interest (AOI)**
-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  A
 -  A/D
 -  B
 -  B/D
 -  C
 -  C/D
 -  D
 -  Not rated or not available
- Soil Rating Lines**
-  A
 -  A/D
 -  B
 -  B/D
 -  C
 -  C/D
 -  D
 -  Not rated or not available
- Soil Rating Points**
-  A
 -  A/D
 -  B
 -  B/D
-  C
 -  C/D
 -  D
 -  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
 -  Interstate Highways
 -  US Routes
 -  Major Roads
 -  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 15, Sep 27, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — Dane County, Wisconsin (WI025)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Co	Colwood silt loam, 0 to 2 percent slopes	C/D	6.6	21.2%
DsB	Dresden silt loam, 2 to 6 percent slopes	B	8.8	28.0%
DsC2	Dresden silt loam, 6 to 12 percent slopes, eroded	B	7.8	24.9%
EgA	Elburn silt loam, gravelly substratum, 0 to 3 percent slopes	C	0.4	1.2%
KeB	Kegonsa silt loam, 2 to 6 percent slopes	B	0.1	0.4%
Ot	Otter silt loam	B/D	3.8	12.3%
Pa	Palms muck, 0 to 2 percent slopes	B/D	3.8	12.0%
RpE	Rodman sandy loam, 12 to 35 percent slopes	A	0.0	0.0%
Totals for Area of Interest			31.4	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Cattell Pit Expansion
Engineer's Estimate
September 15, 2017

Item No.	Description	Est. Quantity	Unit	Unit Price	Amount
Erosion Control					
1	5' Tall Earthen Berm	630	LF	\$2.10	\$1,323.00
2	7' Tall Earthen Berm	250	LF	\$2.50	\$625.00
Engineer's Estimate					\$1,948.00

SWALHEIM 2011 REV TR DUANE P
& CANDACE J
436 CONNIE ST
COTTAGE GROVE WI 53527

KIRK K EILENFELDT
HEIDI A EILENFELDT
3710 RIDGE RD
DEERFIELD WI 53531

ROCKY RIGHTS LLC
2401 VONDRON RD
MADISON WI 53718

VINEY ACRES LLC
2093 US HIGHWAY 12 & 18
COTTAGE GROVE WI 53527

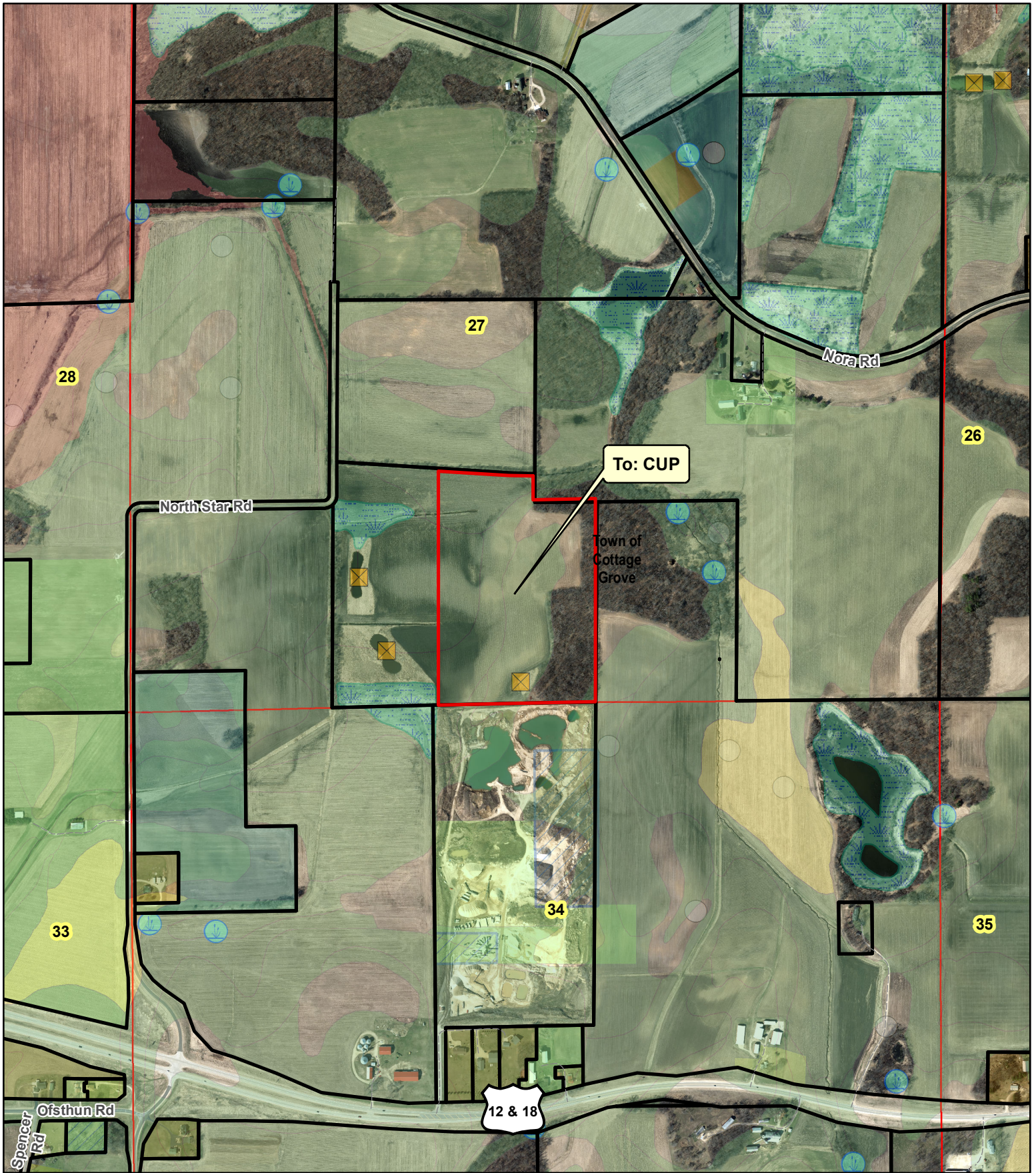
Current Owner
1154 NESHEIM RD
DEERFIELD WI 53531

LARRY G SKAAR
4374 SECRETARIAT CT
COTTAGE GROVE WI 53527

FREDERICK K NELSON
1045 COUNTY HIGHWAY BB
DEERFIELD WI 53531

J DOUBLE O LLC
2173 NORA RD
COTTAGE GROVE WI 53527

PETER C VOGEL
LORI BUECHLER-VOGEL
1135 COUNTY HIGHWAY BB
DEERFIELD WI 53531



Legend

Significant Soils Floodplain

Class Wetland

Class 1

Class 2



0 280 560 1,120 Feet



CUP 02405
KIRK K EILENFELDT