

DNR Update



Date Interval: 7/25/17 — 7/26/17

| Service Location | | | | Disposal Location | | |
|---------------------|-------------------------------|------------------------------------|-------------------------|---------------------|-------------------------------|-------------------------|
| Date Time | Name Description | Address City/Town/State | Gallons Waste (S, H, G) | Date Time | Location Name Permit # | Gallons Waste (S, H, G) |
| 7/25/17 8:00 Am | Horicon DNR Service Center | N7725 Highway 29 Horicon WI | 1000 S | 7/25/17 9:00Am | JS Smith Pumping Holding Tank | 1000 S |
| 7/25/17 10:00 Am | Fitchburg DNR Service Center | 3911 Fish Hatchery Rd Fitchburg WI | 1000 S | 7/25/17 11:00 Am | JS Smith Pumping Holding Tank | 1000 S |
| 7/26/17 9Am | JS Smith Pumping Holding Tank | 123 Center Grove Rd Watertown WI | 2000 S | 7/26/17 9:30Am | Madison Met Sanitary District | 2000 S |



Fred Hegeman, Wisconsin DNR Statewide Residuals Coordinator

Stephen Warrner, Wisconsin DNR Wastewater Specialist

2018 Spring Biosolids Symposium March 20, 2018

Overview

1. NR 151 Changes
2. Study Groups
3. Site Approvals
4. Updates for Online Reporting
5. Storage
6. Discharge of Septage Wastes into Manure Storage Units

Overview

1. NR 151 Changes
2. Study Groups
3. Site Approvals
4. Updates for Online Reporting
5. Septage Storage
6. Discharge of Septage Wastes into Manure Storage Units

NRCS 590 vs ATCP 50

NRCS 590 (2015)

- Standard
- All Organic Waste
- Limited to 7,000 gal during Feb/Mar
- Bedrock Concerns

ATCP 50

- Adm. Code
 - Approval by Legislative
- References NRCS 590, 2015
- Exemptions for Septage, Biosolids, Ind. Waste WHEN PRIMARY NUTRIENT
- If NOT primary nutrient...then farmer, not septage applier
- Will lead to changes in NR 151

NR 151 Changes

- Impacts Animal Waste
- Exemptions for NR 113, NR 204 & NR 214
Wastes **Remain**
 - NR 151.07(2)
- Exemption does not apply to Commingled Wastes
- Gen. Issues:
 - Depth to bedrock,
 - Time of spreading (winter),
 - Distances to wells,
 - Fecals

(2) This performance standard does not apply to the application of industrial waste and byproducts regulated under ch. NR 214, municipal sludge regulated under ch. NR 204, and septage regulated under ch. NR 113, provided the material is not commingled with manure prior to application.

Crop Year vs Rotation

Note: If an application of material to cropland is regulated under ch. [NR 113, 204](#), or [214](#), the management practices, loading limitations, and other restrictions specified in the applicable regulation apply to that application. However, nutrient management plans developed in accordance with this performance standard must account for all nutrient sources, including industrial waste and byproducts, municipal sludge, and septage. This means that the future application of manure and commercial fertilizer may be restricted by this performance standard due to other applications of industrial waste and byproducts, municipal sludge, and septage. In addition, it means that if industrial waste and byproducts, municipal sludge, or septage are placed in a manure storage structure and mixed with manure, the commingled material is also covered by this standard and must be accounted for by the producer when preparing and implementing a nutrient management plan.

Overview

1. NR 151 Changes
- 2. Study Groups**
3. Site Approvals
4. Updates for Online Reporting
5. Septage Storage
6. Discharge of Septage Wastes into Manure Storage Units

What is the Septage Study Group?

- Members appointed by DNR Secretary and Governor Walker
- Solicit and receive information from Septage Study Group regarding:
 - Business and vehicle licensing;
 - Vehicle operator certification;
 - Training by department staff and by others;
 - Servicing related issues including complying with county maintenance requirements;
 - Treatment facility disposal;
 - Land application for beneficial reuse;
 - Storage; and
 - Logs/Records retention.

What is the Septage Study Group?

- **Focus**: streamline department efforts and resources to create a level regulatory “playing field” within the industry while protecting public health and protecting surface & groundwaters.

Septage Study Group-Members

- Rachel Angel, WDNR
- Aaron Ausen, WI Onsite Water Recyclers
- Dan Bahr, WI Counties Assoc.
- Corey Bowen, WLWCA
- Bill Dyer, Herzog-Dryer Excavating and Sanitation
- **Fred Hegeman, WDNR
Coordinator**
- Alexis Heim-Peters, WDNR
- Emily James, WDNR
- Brad Johnson, WDSPPS
- George Klaetsch, Klaetsch Public Affairs Strategies
- Joe Knilans, WDOA
- Chris Olson, WI County Code Adm.
- Sue Porter, WDATCP
- Dale Sanford, Stanford's Septic Service
- Megan Taylor, Cans to Go
- Jim VandenBrook, WI Land & Water Cons.
- Dave Kons, Kons Septic Service
- Vanessa Wishart, Municipal. Environmental Group

Septage Study Group

- Kickoff Meeting (August 22, 2017)
- Second Meeting (December 13, 2017)
- Third Meeting (*April 2018 TBD*)

- Meetings are open to the public
- Summary notes from each meeting are available to the public

Recent Discussions

- Septage storage
 1. General permit
 2. Manure storage units
- Various Code Issues
 - Sandy Soils, Compliance, Enforcement
- Septage service record templates*
 1. 3400-026: Portable Restroom Servicing Log
 2. 3400-027: Septage Servicing & Land Application Disposal Log
 3. 3400-028: Septage Servicing & WPDES Permitted Facility Disposal Log
 4. 3400-029: Weekly pH Meter Calibration Log

* While the use of these forms are optional, businesses are required to collect and maintain the necessary records pursuant to ch. NR 113, Wis. Adm. Code and 40 CFR 503, Code of Federal Regulations.

Overview

1. NR 151 Changes
2. Study Groups
- 3. Site Approvals**
4. Updates for Online Reporting
5. Septage Storage
6. Discharge of Septage Wastes into Manure Storage Units

Site Approval Reviews

- ACT 21
- Site Submittals are reviewed pursuant to code requirements
 - No “half rate” approvals
 - No “loose” variances without a formal variance submittal
- Dept. working on “formal” sandy site approval process

LAG & LASER

- LAG=Land Application Geo-database
- LAG Release 5.0 More Efficient
 - Improves turn around time

LASER

- UW-Platteville Engineering Student Team Project
 - Students:
 - Shane Dennis
 - Jordan Geenen
 - Alex Joromin
 - Caitlin Krause
- LASER:
 - Land Application Site Evaluation Resource

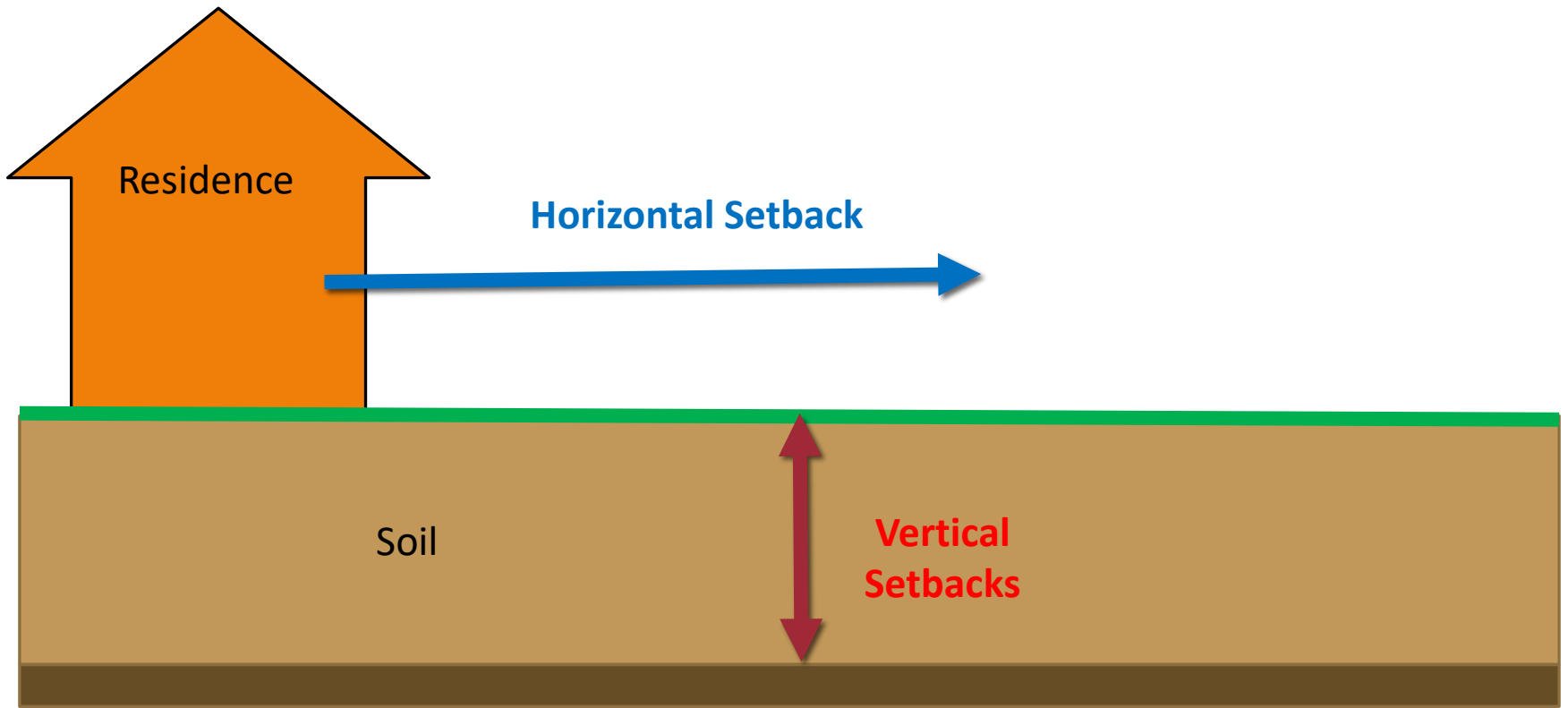
Overview

- Site Submittals Required for:
 - NR 113: Septage
 - NR 204: Biosolids
 - NR 214: Landspreading of Industrial W
- Use UW-Platteville's Sr. Design Process
 - Develop a "Proof of Concept"
 - "Screening" Tool
 - 4 Engineering Seniors
- Proof of Concept to Wisconsin DNR



Flowcharts for DNR Reviewers

- Structure of flowchart was a vertical hierarchy
- All three categories of residuals: septage, biosolids (sewage sludge), and industrial wastes and sludges
- Begins with horizontal setbacks, then transitions to vertical setbacks
- Complex

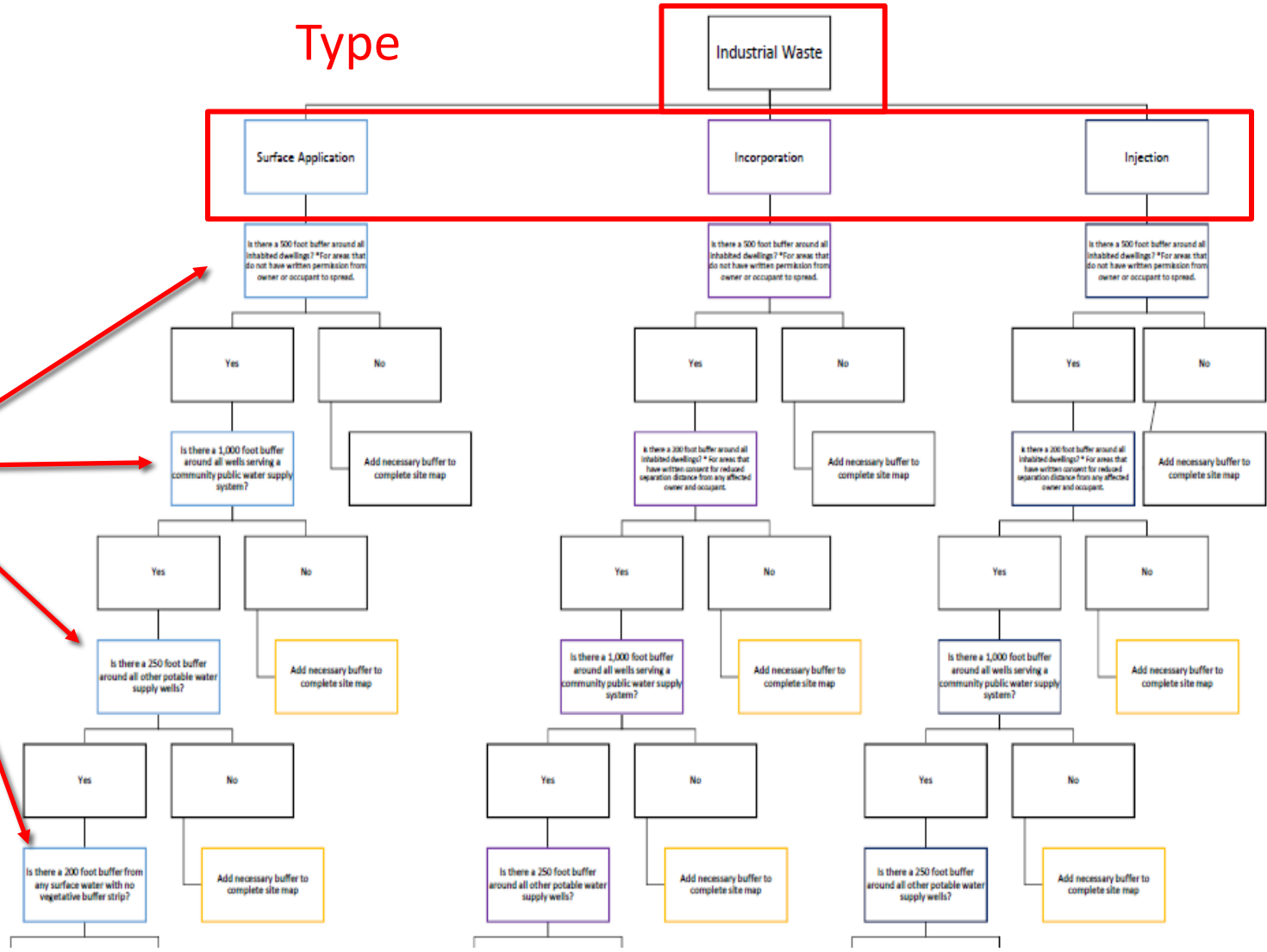


Residual Type

Application Method

Feature and Horizontal Setbacks

Soil and Ground Characteristics



Soil Suitability Layer for Septage

- Each soil type has tables full of associated data
- Combines all soil and ground criteria into an overall suitability classification
 - Slope, water table depth, bedrock depth, permeability
 - Takes into account different criteria for different application methods
- Soil layer symbolized in ArcMap according to overall suitability
 - **Green** soil means all application methods acceptable
 - **Yellow** soil means injection/incorporation acceptable, proof required for surface application
 - **Orange** soil means proof required for all application methods
 - **Red** soil means no application methods acceptable

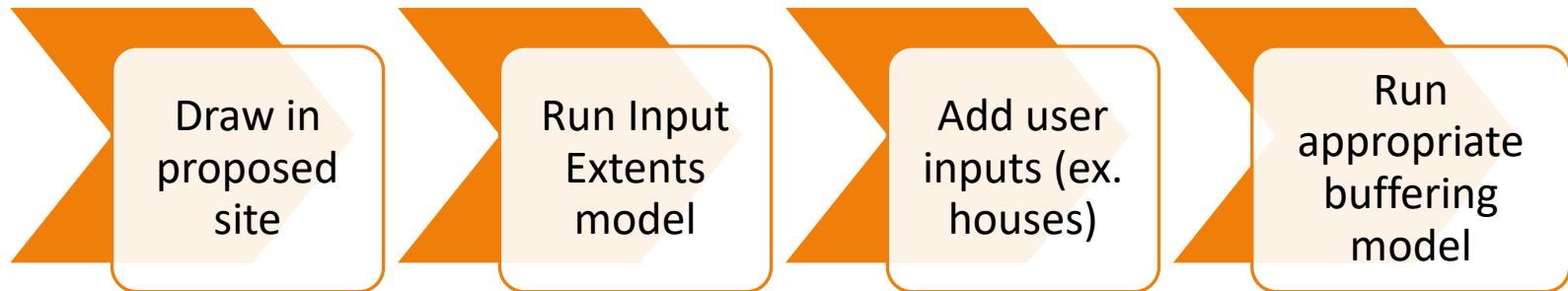
Soil Suitability Example (Green)

| Soil Information | |
|-----------------------------------|--|
| Soil Symbol | MuB |
| Soil Description | Muscatine silt loam, 2 to 6 percent slopes |
| Min Soil Slope (%) | 2 |
| Max Soil Slope (%) | 6 |
| Min Bedrock Depth (ft) | 5.00 |
| Min Water Table Depth (ft) | 3.02 |
| Avail. Water Storage 0-60 in (in) | 11.79 |
| Min Soil Permeability (in/hr) | 0.57 |
| Max Soil Permeability (in/hr) | 1.98 |
| Slope Suitability | Green |
| Bedrock Suitability | Green |
| Water Table Suitability | Green |
| Permeability Suitability | Green |
| Overall Suitability | Green |

Soil Suitability Example (Orange)

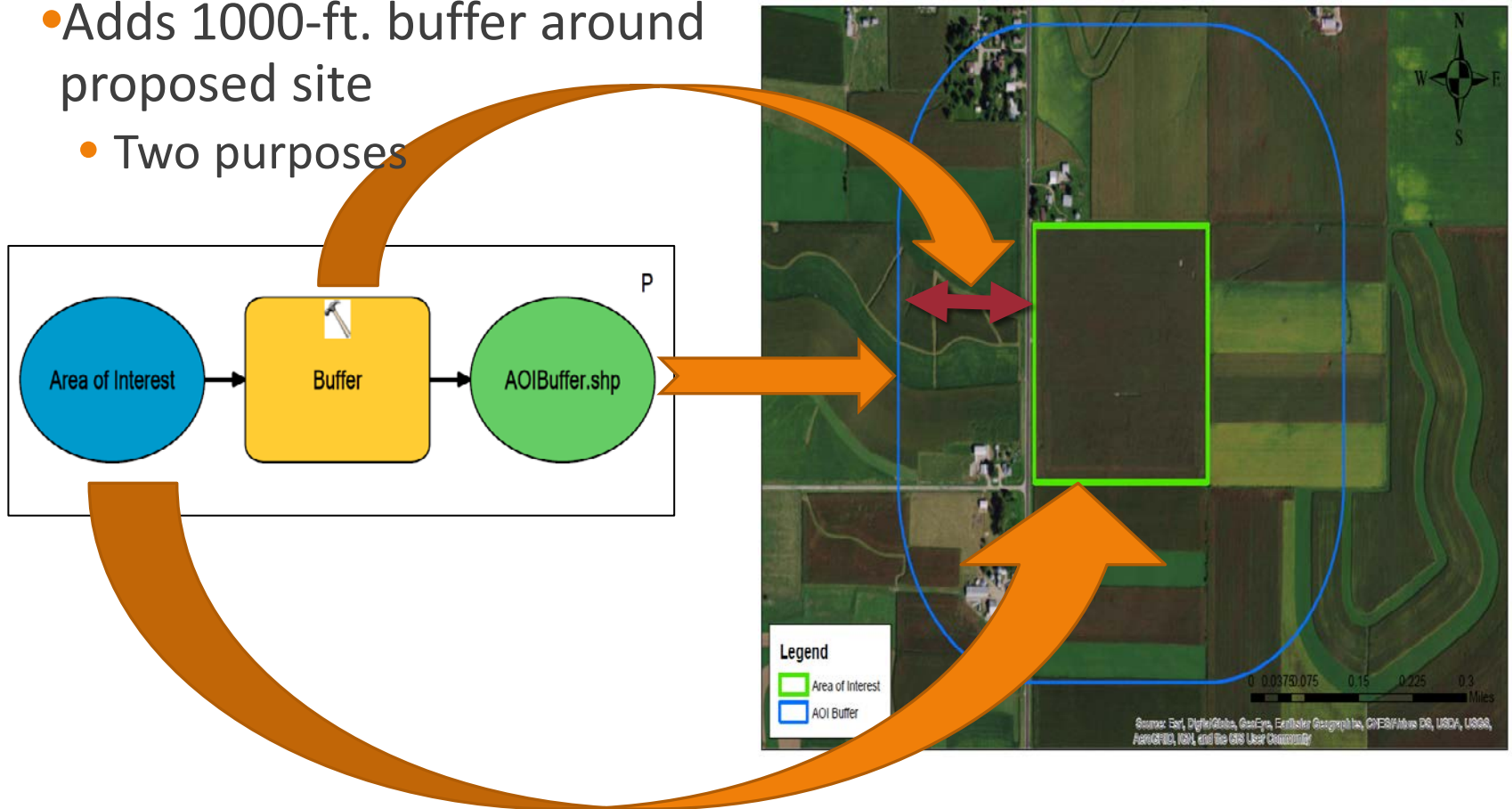
| Soil Information | |
|-----------------------------------|---|
| Soil Symbol | 175D2 |
| Soil Description | Palsgrove silt loam, 12 to 20 percent slopes, moderately eroded |
| Min Soil Slope (%) | 12 |
| Max Soil Slope (%) | 20 |
| Min Bedrock Depth (ft) | 4.82 |
| Min Water Table Depth (ft) | 6.60 |
| Avail. Water Storage 0-60 in (in) | 9.63 |
| Min Soil Permeability (in/hr) | 0.06 |
| Max Soil Permeability (in/hr) | 0.60 |
| Slope Suitability | Orange |
| Bedrock Suitability | Green |
| Water Table Suitability | Green |
| Permeability Suitability | Yellow |
| Overall Suitability | Orange |

ArcMap Workflow for WDNR Reviewers



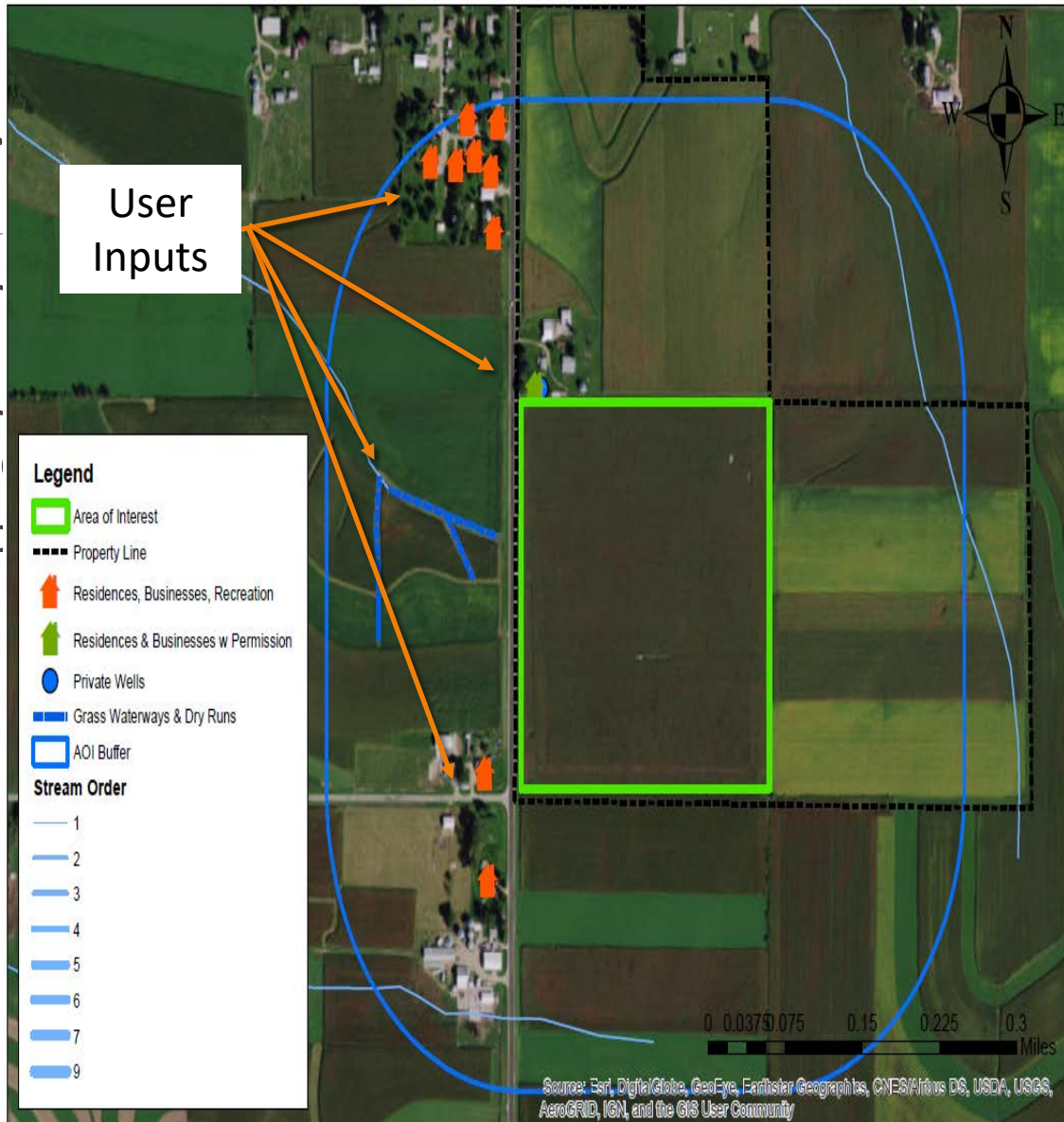
Input Extents Model

- Adds 1000-ft. buffer around proposed site
 - Two purposes



User

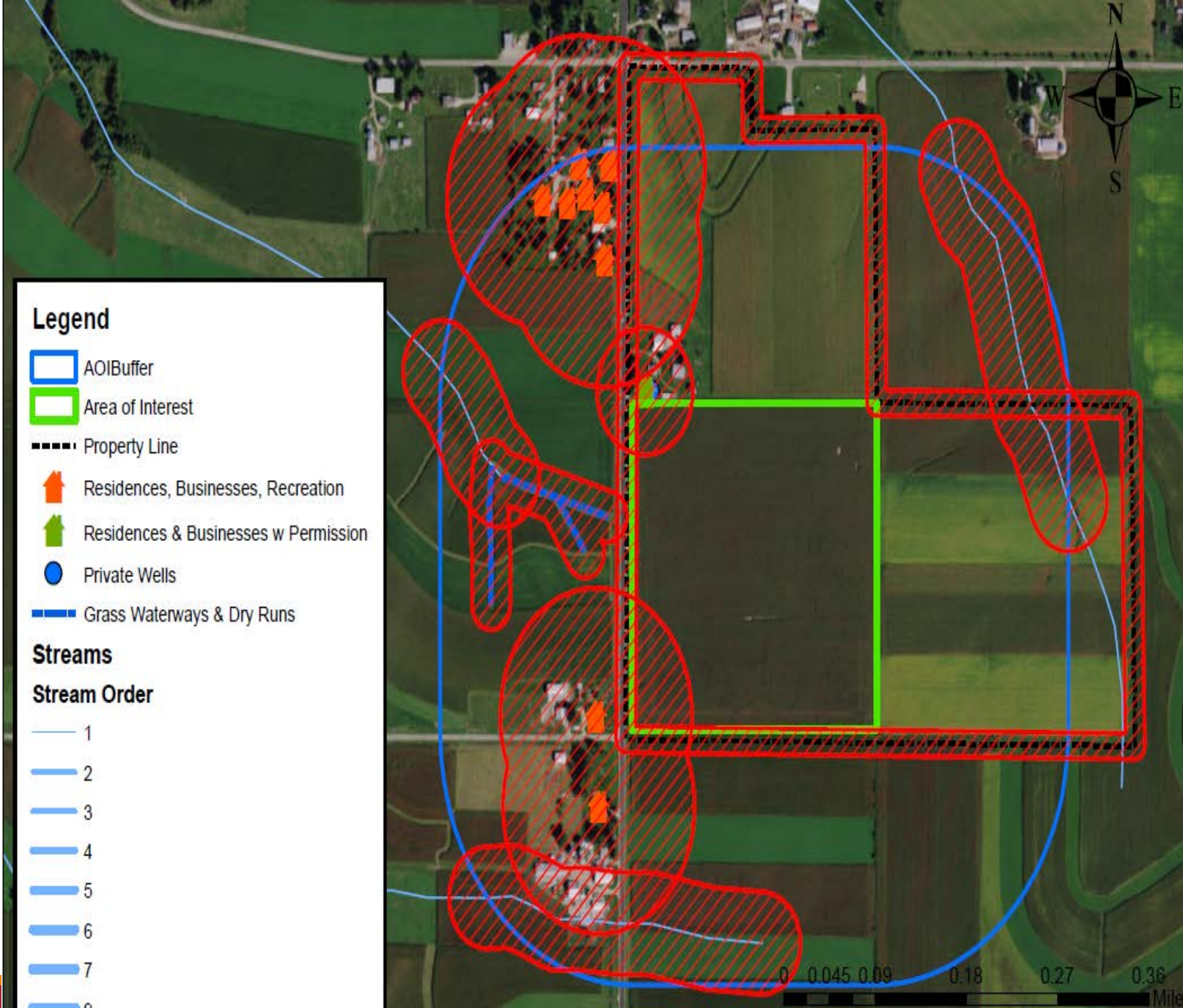
- Add user
- Any featu
- waters, s
- Other p



irface

Buffering Model

- Choose appropriate version based on application method
- Buffers all features that have horizontal setbacks
 - User inputs, surface water, schools, healthcare facilities
 - Combines the buffers into a single red buffer
- Buffers soil based on overall suitability (yellow buffer)
 - Acceptable suitability depends on version of the model
 - Priority is given to the horizontal buffers



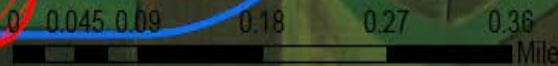
Legend

- AOI Buffer
- Area of Interest
- Property Line
- 🏠 Residences, Businesses, Recreation
- 🏠 Residences & Businesses w Permission
- Private Wells
- Grass Waterways & Dry Runs

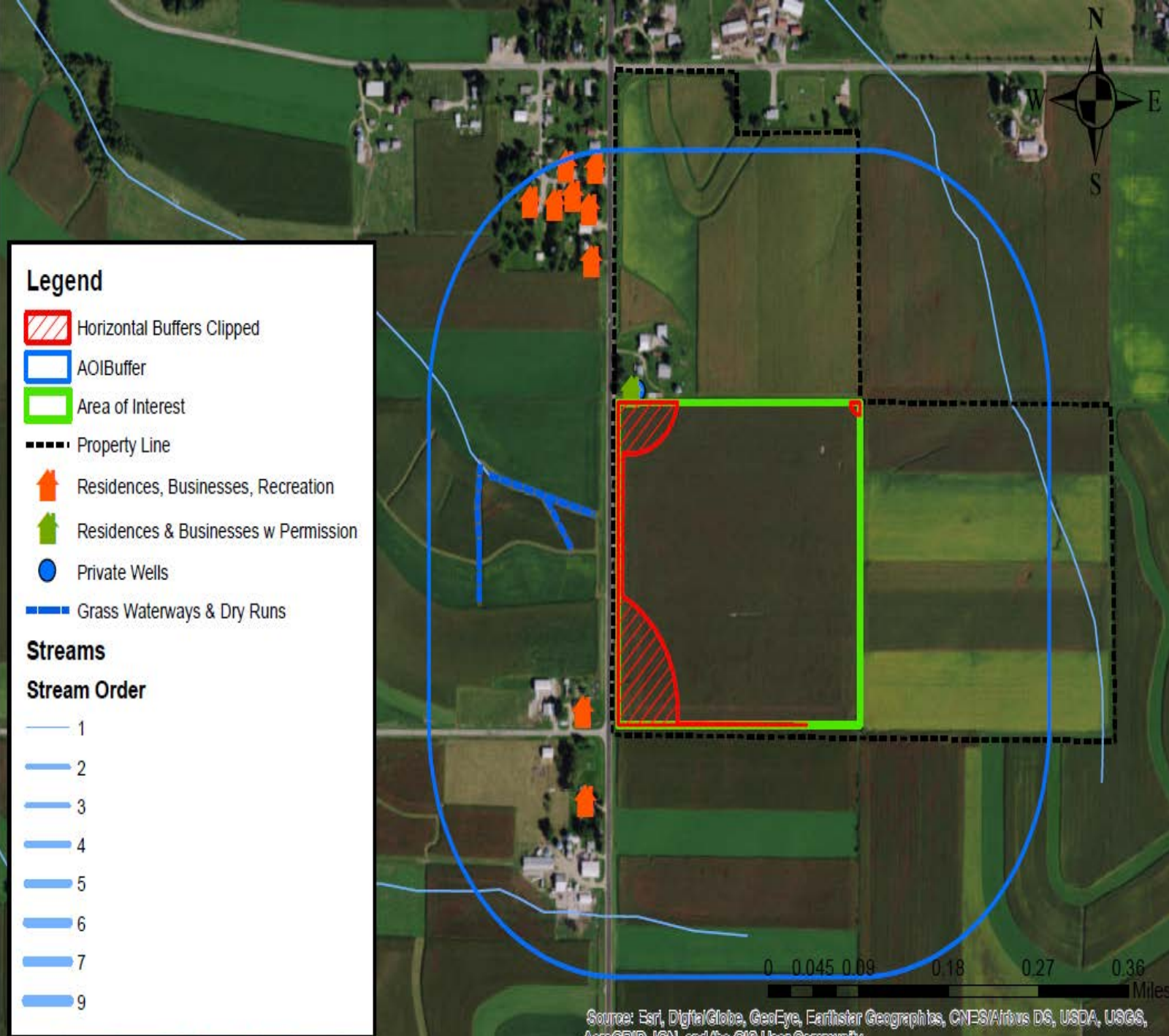
Streams

Stream Order

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 9



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend

-  Horizontal Buffers Clipped
-  AOI Buffer
-  Area of Interest
-  Property Line
-  Residences, Businesses, Recreation
-  Residences & Businesses w Permission
-  Private Wells
-  Grass Waterways & Dry Runs

Streams

Stream Order

-  1
-  2
-  3
-  4
-  5
-  6
-  7
-  8
-  9



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend

Soil Suitability




- Green
- Yellow
- Area of Interest

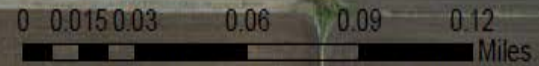


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend




-  Horizontal Buffers
-  Soil Buffers
-  Area of Interest

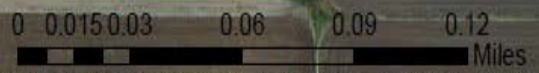


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



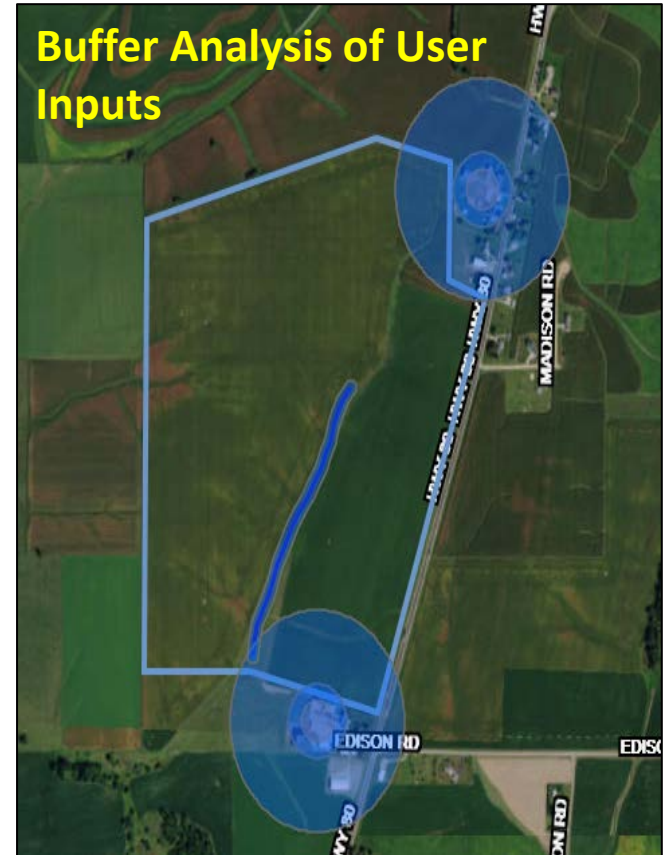
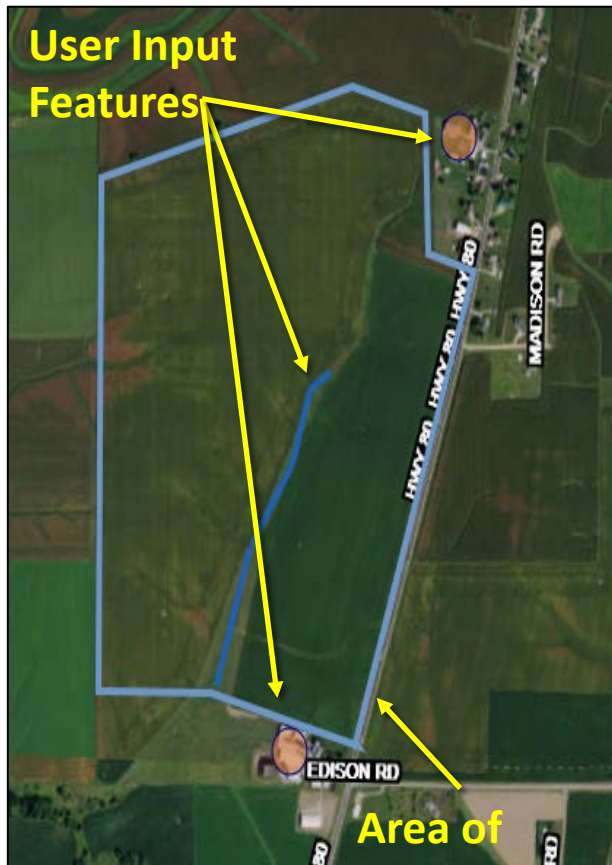
Legend

-  Soil Buffers
-  Horizontal Buffers
-  Area of Interest



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

LASER Capabilities



LASER User Guide & Tutorials

- User guide readily available in the header of LASER
 - PDF document
- Video tutorials also available in the header of LASER
 - Youtube playlist

Objectives



Differences between Code

| | | | |
|--|--|--|---|
| <p>Soil permeability range (in/hr)</p> | <p>NR 113.07(3)(b)</p> <p>Surface: 0.2-6.0 Incorporation: 0-6.0 Injection: 0-6.0</p> <p>*Unless water holding capacity > 5 inches in top 60 inches **No surface application on soils with permeability < 0.2 inches/hr within top 6 inches</p> | <p>NR 204.07(3)(d)</p> <p>Surface: 0.2-6.0 Incorporation: 0-6.0 Injection: 0-6.0</p> <p>*>6 inches may be accepted through consideration of sludge characteristics, loading rate, cropping practices, and other soil characteristics</p> | <p>Not specified in code</p> |
| <p>Community Well</p> | <p>Spreading: 1,000 ft Incorporation: 1,000 ft Injection: 1,000 ft</p> | <p>"Community water supply or school"</p> <p>Surface: 1,000 ft Incorporation: 1,000 ft Injection: 1,000 ft</p> | <p>"well serving a community public water supply system"</p> <p>Spreading: 1,000 ft Incorporation: 1,000 ft Injection: 1,000 ft</p> |
| <p>Recommendation for site evaluation</p> | <p>NR 113.08(1)</p> <p>Soil scientist:</p> <ul style="list-style-type: none"> possession of certified soil tester classification from the dept. of safety and professional services a bachelor of science degree in soil science from a 4 year accredited college or a certified professional soil scientist in good standing with the American Society of Agronomy | <p>NR 204.06(6)</p> <ul style="list-style-type: none"> possession of a certified soil tester classification from the dept. of industry, labor and human relations a bachelor of science degree in soil science from a 4-year accredited college or a certified professional soil scientist in good standing with the American Society of Agronomy | <p>NR 214.20(2)</p> <p>Qualified soil scientist, engineer, or other qualified individual.</p> <ul style="list-style-type: none"> A degree from an accredited institution of higher education or, Field experience in soil investigation, interpretation, and classification |

Overview

1. NR 151 Changes
2. Study Groups
3. Site Approvals
- 4. Updates for Online Reporting**
5. Septage Storage
6. Discharge of Septage Wastes into Manure Storage Units

SWAMP

- SWAMP Database
 - System for Wastewater Application Monitoring and Permits
- USEPA's ICIS Database
 - National Reporting if NOT in 8 Biosolids Delegated States
 - Eventually, Wis. DNR will release information from SWAMP into ICIS

SWAMP Online Reporting Changes

Changed/Updated

- Portable Restroom Waste
 - Outfall 998
 - Effective for 2018 Reporting Year

Proposed

- Annual Forms will be Auto Generated
 - Facilities and Licensees will not need to “create” forms
- 49 Forms
 - Ability to Add Multiple Sampling Events
- 52/55 Single Submittal
 - One Certification

SWAMP Online Reporting Changes

Proposed

- Variance Tab for Sites
 - Track Variance Sites
 - Apply Set of Standard Conditions
 - Sort by Variance Type
- Transferred Sites
 - Available to both entities within the calendar year
- Outfalls & Outfall Visibility
 - Only show valid outfalls on the 49, 52 and 55 forms

Proposed

- 3400-122 Site Approval Form
 - Repair Default value for Industrial Landspreading units
- Create Storage Tab
 - Track Storage Units via SWAMP
 - Locations/Facilities
 - Majority are currently paper approvals
- LAG Integration into SWAMP
 - Eliminate Double Entry Requirements

Overview

1. NR 151 Changes
2. Study Groups
3. Site Approvals
4. Updates for Online Reporting
- 5. Septage Storage**
6. Discharge of Septage Wastes into Manure Storage Units

ATCP 65.22(6)(c)

- “New” Rule
- Prohibits the mixing of human waste or septage with animal manure at a dairy farm. [Effective date September 1, 2016].
- Prevent transmission of human fecal pathogens
- Some situations where discharge to a dairy farm’s manure store unit might be allowed...

Storage Requirements & Criteria

- Small storage (<25,000 total gallons)
- Large storage (>25,000 total gallons)
- Plan & Spec
 - PE Stamped P&S
 - Exemption: SPS 383/384 Tank Approval (<25,000 gal)
- WPDES Permitting
 - Exemption: <25,000 WPDES Permit typ. not req'd.
- Commingled with Manure Storage
 - (See next section)

Small Storage

History

- NR 113 references ILHR 83, then Comm 83, now SPS 383
- Prior to July 1, 2000, Comm 83:
 - Issue sanitary permits
 - Install approved tanks
 - Product approval requirements
- Changes to Comm 83/83
 - Product approval in Comm 84 (Now SPS 384)
- NR 113 NOW updated to reflect SPS code changes
- ACT 21: Explicit Authority

Small Storage

Problem

- No legislative reference within NR 113 to SPS 384
- DNR did not have authority to approval small storage under SPS 384 (currently SPS 383)

Solution

- DNR proposed legislative note in NR 113
- Reference SPS 383 & 384
- Completed in February 2018

Approval of Small Storage

Options

- Sanitary Permit per SPS 383 (from county)
 - If county authority has authority

OR

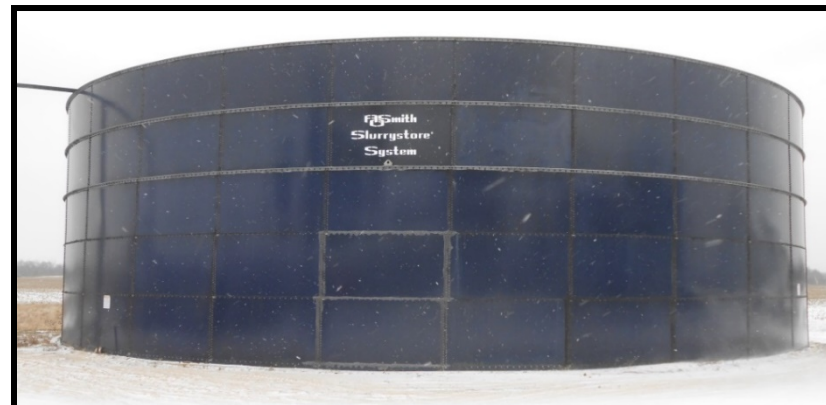
- DNR Approval (completion of legislative note)

(3) SMALL FACILITIES. New or existing septage storage facilities with a capacity of less than 25,000 gallons are allowed if they have been approved under ch. SPS 383 or 384 or meet the standards in ch. NR 110 and the department is notified of their use through form 3400-137, revised in July 1988.

Note: There is no intent to issue WPDES permits to all small storage facilities although the department reserves the ability to do so on a case by case basis in the event it is determined necessary to protect public health or the environment.

Approval Req.—Large Storage

- WPDES permit required
- Plan/specification review and approval (DNR)
 - Meet chs. NR 108 & 110 Wis. Adm. Code requirements
 - NR 150: Environmental Analysis & Review Procedures
 - Repealed & Recreated 2014
 - **Plan/Spec approval storage considered a Minor Action**
 - No Public Notice required if activity is associated with a permit
- Flow Chart (*in progress*)



General Permit (GP) Development

- Septage as Septage GP
 - No sampling and analysis of mixed waste
 - No monthly reporting
 - Daily log requirements:
 - Influent
 - Discharges (Land Application and/or Other Method Disposal)
 - Five year permit
 - Compliance inspection 1/5 years
 - One STATEWIDE public noticing event per 5 years
 - Does not “name” each entity
 - For Storage >25,000 Gal

Take Home Message

- Log requirements similar for both small and large septage storage facilities
 - “Tell the full story”
 - Log discharge into storage unit
 - Log service and disposal of waste from storage unit
- Additional log requirements for large septage storage facilities
 - License requirements
 - Permit requirements

Overview

1. NR 151 Changes
2. Study Groups
3. Site Approvals
4. Updates for Online Reporting
5. Septage Storage
6. **Discharge of Septage Wastes into Manure Storage Units**

TMDL Landspreading Work Group (LWG)

Wastewater Program

Tim Ryan (Sponsor)

Kelley O'Connor

Fred Hegeman

Alan Hopfensperger

Steve Warrner (Lead)

Runoff Management Program

Mary Anne Lowndes (Sponsor)

Joe Baeten

Casey Jones

Groundwater Program

Bill Phelps

TMDL Landspreading Work Group (LWG)

Group Goals

- Improve cross program communication
- Address cross program issues
- Provide cross-program training
- Develop guidance documents

TMDL Landspreading Work Group (LWG)

Current Projects

- Guidance documents for discharge of non-farm wastes into manure storage units
 - Industrial wastes (liquid, by-product solids, sludges)
 - **Septage wastes**
 - Sewage sludge (biosolids)



“Discharge of Septage Wastes into Manure Storage Units” (DRAFT)

- Guidelines for submitting a standard manure storage unit request package
- Department staff roles and responsibilities (review and compliance)
- Post-approval responsibilities of the septage business and/or permitted farm

Standard Request Package (DRAFT)



1. 3400-137 Form

Notice: Use of this form is required by the Department for any application filed for septage storage pursuant to Chapters NR 113 and NR 200 Code. Storage facilities with a volume less than 25,000 gallons are allowed to be used for septage storage if they have been approved under or meet the standards of ch. NR 110, if this form is completed and duly submitted to the department. It is not the department's intent to issue a permit for these small facilities although the department retains the authority to do so if it is determined necessary to protect public health or the environment. This form must also be completed and submitted for storage facilities greater than 25,000 gallons in volume as well as other info required to complete a plan review and to process the application. A WPDDES permit will be issued for facilities greater than 25,000 gallons in storage facility may be located under a building where animals are housed. Personal information collected on this form will be used for management programs. Information may be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Send the completed application to the appropriate Department of Natural Resources Regional Office listed on the reverse.

| Owner / Applicant Information | | | | | | | | |
|--|--|--------------------------------|---|--|---|-------|--|---|
| Storage Facility Owner Name | | | Telephone Number (include area code) | | | | | |
| Mailing Address | | City | State | ZIP Code | | | | |
| Applicant Name (if different from owner) | | | Telephone Number (include area code) | | | | | |
| Mailing Address | | City | State | ZIP Code | | | | |
| Sanitary License Number | To whom should correspondence be addressed? | | | | | | | |
| Storage Facility Information | | | | | | | | |
| Location of Storage Facility: Attach a map (i.e., plat book map) with the facility identified. | | 1/4 / 1/4 | Section | Township | Range | E / W | Type: <input type="checkbox"/> Above Ground <input type="checkbox"/> Below Ground | Is it Portable? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Volume in Gallons | If less than 25,000 gallons, describe the secondary seal or other means of containment, if provided. | | | | | | | |
| Dimensions (in feet): Height Length Width Diameter (if round) | | | | Type of Wastewater Stored: (select all that are appropriate) <input type="checkbox"/> Septic Tank <input type="checkbox"/> Grease Trap <input type="checkbox"/> Holding Tank <input type="checkbox"/> Portable Toilets | | | | |
| Materials Used in Construction (i.e., soil, steel, concrete, etc.) | | | | | | | | |
| Tank Manufacturer Name or Contractor Name if not Prefabricated | | Depth to Groundwater (in feet) | | Depth to Bedrock (in feet) | | | | |
| Distance to Nearest Residence or Business (in feet) | Distance to the Nearest Well (in feet) | | Distance to Nearest Surface Water, including wetlands (in feet) | | Approximate Volume in Gallons of Wastewater Stored Annually | | | |
| Disposal / Recycling Method and Locations | | | | | | | | |
| <input type="checkbox"/> Wastewater Treatment Plant – If selected, list: _____ | | | | | | | | |
| <input type="checkbox"/> Land Applied – If selected, do you have sufficient acreage approved by the department? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | |
| Signature | | | | | | | | |
| I hereby certify that the proposed storage tank, if less than 25,000 gallons in volume, has the necessary structural integrity for storing the described waste and, as a precaution, the necessary secondary containment (i.e., bermed area, secondary seal, etc.) in case of unforeseen structural failure. If the proposed storage tank is greater than 25,000 gallons in volume, a design report and formal plans and specifications shall be submitted by the registered Professional Engineer to the department for approval. | | | | | | | | |
| Signature of Applicant | | Title | | Date Signed | | | | |
| Leave Blank - For Department of Natural Resources Use Only | | | | | | | | |
| <input type="checkbox"/> Accepted <input type="checkbox"/> Denied | | Reviewer Name | | Date Reviewed | | | | |

Applicant Information

- Manure Storage Owner
- Septage Business

Storage Unit Information

- Location
- Construction

Disposal/Land Application

Operator-In Charge Certification

2. Construction Information

- Depends on desired discharge scenario
- NRCS 313
 - Co. L&W Conservation
- OR
- NR 108 & 110
 - Professional Engineer

WISCONSIN STANDARD DRAWING DRAWING NO. WI-001 REV. 5/97

CONSTRUCTION PLAN

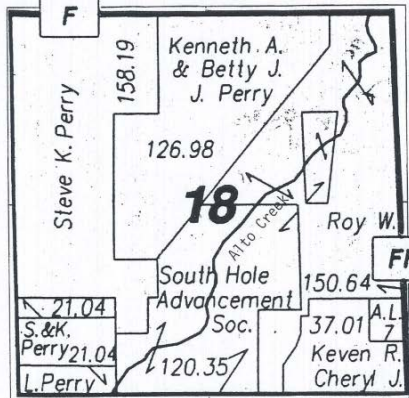
PRACTICE MANURE STORAGE STRUCTURE
 LANDOWNER STEVE PERRY
 ADDRESS W9667 COUNTY ROAD FOX LAKE WI
 LANDOWNER PHONE NO. 928-2377 COUNTY DODGE
 TOWNSHIP TRENTON T 13N N, R 14E E/W, Sec. 18
 FIELD OFFICE JUNEAU TELEPHONE NO. 386-3660

JOB SITE

DIGGERS HOTLINE
Call 3 Work Days Before You Dig!

Toll Free 1-800-242-8511
Milw. Area 1-414-259-1181
TDD 1-800-542-2289

F



FF

LOCATION MAP

Not to Scale

NOTICE TO LANDOWNERS AND CONTRACTORS REGARDING UTILITIES

No representation is made by the USDA Natural Resources Conservation Service or the DODGE County Land Conservation Department as to the existence or nonexistence of underground hazards. Prior to the start of construction the owners of utilities must be notified of the pending construction. You will be liable for damages resulting from construction activities. (Call Diggers Hotline)

CONSTRUCTION DRAWINGS AND SPECIFICATIONS ACCEPTANCE

I/we have reviewed and do accept the attached plans. I/we agree to have this project constructed in accordance with these plans and specifications and to notify all affected utility companies.

Signed: Steve Perry Date: 5-14-98
 Designed by: Paul A. Smith Date: 11/97
 Checked by: Deann A. Brulick Date: 5-14-98
 Approved by: _____ Date: _____
 Approved by: Deann A. Brulick Date: 5-14-98

Sheet 1 of 9

3. Aerial Photograph



4. Photographs for Identification

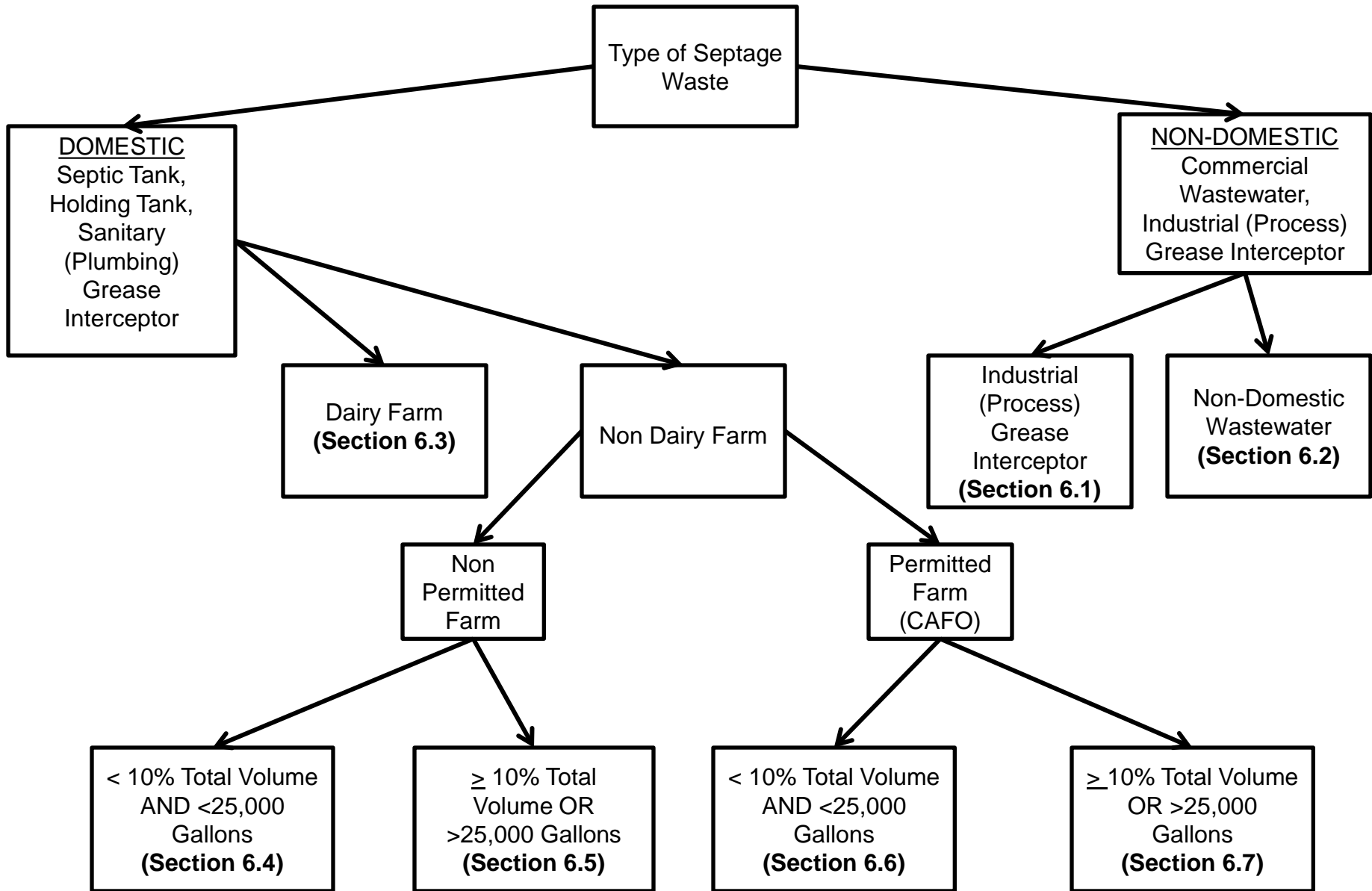


5. Additional Information

- Contractual agreement (if applicable)
- Waste types (septage, holding tank, sanitary grease, portable toilet, etc.)
- Land application method (mixed waste)
- Permitted farm: 180 day winter storage

Discharge Scenarios

DRAFT



Current Status

- Draft (January 2017)
- Wastewater & Runoff Mgt. PMT approval
- Statewide staff review
- Legal review
- Approval to public notice

Questions??

Fred Hegeman

- Statewide Residuals Coordinator
- Phone: (608_) -267-7611
- Email: Frederick.Hegeman@Wisconsin.gov

Stephen Warrner

- Statewide Landspreading Site Review Coord.
- Phone: (920) 387-7870
- Email: Stephen.Warrner@Wisconsin.gov