

DSPS Update

WCCA FALL CONFERENCE OCTOBER 12, 2018

BRAD JOHNSON, SECTION CHIEF

BRADLEY.JOHNSON@WI.GOV

920.492.5605



Code Update

- ▶ SPS 381.01 created definitions for and “at-risk” POWTS; Fats, Oil and Grease (FOG); and POWTS Component Manual
- ▶ “At-risk” means a POWTS serving a new public or commercial facility that may produce influent to a POWTS treatment or dispersal component, consisting in part of in situ soil in excess of the quantities specified in s. SPS 383.44 (2). This definition does not include existing facilities where the influent has been tested and determined to produce influent below the quantities specified in s. SPS 383.44 (2) or facilities that are known to produce influent exceeding the influent quantities.
 - ▶ Refer to Table A-383.43-1 Public Facility WW Flows for facilities marked with a superscript “^b” to see which facilities are “at-risk”

At-Risk Facilities

SPS 383.44(2)(d)

- Allows the Dept to require “at-risk” facilities to submit test data to the DSPS and Governmental Unit w/I 1 year of start-up
- If parameters exceeded, then the owner will be required to reduce WW strength in accordance with the management plan

Amends Table A383.43-1 in Appendix and updates the footnotes

Footnotes

- ^a Expected to be high in biological oxygen demand (BOD), total suspended solids (TSS), or fats, oils, and grease (FOG).
- ^b At-risk system (potentially high in biochemical oxygen demand (BOD), total suspended solids (TSS), or fats, oils, and grease (FOG)).

Table A383.43-1

Restaurant ^a , 24-hr. (dishwasher and/or food waste grinder only)	Patron seating space	4
Restaurant ^a , 24-hr. (kitchen waste only without dishwasher and/or food waste grinder)	Patron seating space	12
Restaurant, 24-hr. (toilet waste)	Patron seating space	28
Restaurant ^a , 24-hr. (toilet and kitchen waste without dishwasher and/or food waste grinder)	Patron seating space	40
Restaurant ^a , 24-hr. (toilet and kitchen waste with dishwasher and/or food waste grinder)	Patron seating space	44
Restaurant ^a (dishwasher and/or food waste grinder only)	Patron seating space	2

Church (no kitchen)	Person	2
Church ^b (with kitchen)	Person	5
Dance hall	Person (10 sq. ft./person)	2
Day care facility (no meals prepared)	Child	12
Day care facility ^b (with meal preparation)	Child	16
Dining hall ^a (kitchen waste only without dish-washer and/or food waste grinder)	Meal served	2
Dining hall ^a (toilet and kitchen waste without dish-washer and/or food waste grinder)	Meal served	5
Dining hall ^a (toilet and kitchen waste with dish-washer and/or food waste grinder)	Meal served	7
Drive-in restaurant ^a (all patron service with inside	Patron seating space	10

Updated National Standards

Recent editions of POWTS related national standards incorporated by reference

Table SPS 381.20-11

Web page: www.nfpa.org

Standard Reference Number	Title
1. NFPA 13D-2007	Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, Standard for the
2. NFPA 24-2007	Installation of Private Fire Service Mains and Their Appurtenances, Standard for the

Table 381.20-11

NSF	NSF International 789 N. Dixboro Road P.O. Box 130140 Ann Arbor, Michigan 48105 Phone: (800) 673-6275 Website: www.nsf.org
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Standard Reference Number	Title
1. P157-2000	Electrical Incinerating Toilets – Health and Sanitization
1m. Standard 14-2007	Plastic Piping System Components and Related Materials
2. Standard 40-2013	Residential Wastewater Treatment Systems
3. Standard 41-2016	Non-liquid Saturated Treatment Systems
4. Standard 44-2004	Residential Cation Exchange Water Softeners
5. Standard 51-2007	Food Equipment Materials
6. Standard 61-2012	Drinking Water System Components — Health Effects
7. Standard 372-2011	Drinking Water System Components — Lead Content

Table 381.20-12

STI	Steel Tank Institute 570 Oakwood Road Lake Zurich, Illinois 60047 Phone: 617-770-3000 Web page: www.steeltank.com
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Standard Reference Number	Title
STI-P ₃	External Corrosion Protection of Underground Steel Storage Tanks, Specifications and

Done

References to percolation rates removed

SPS 383.44





Allows systems constructed within 1% of surface contour
SPS 383.44(6)(a)2.

Clarifies
installation
prohibited when
soil is frozen at or
below system
infiltrative surface
SPS 383.45(2)





Requires the top of effluent lines and forcemains to be covered by a minimum of 12 inches of soil to prevent freezing and protection from damage SPS 383.45(7)

Allows the DSPS
to consult with
the Technical
Advisory
Committee to
review new
POWTS products
SPS 384.10(2)(b)2.

Eljen GSF



Revises the composition of the Technical Advisory Committee

SPS 384.10(3)(d)2.

2. The members on the technical advisory committee under subd. 1. shall be appointed by the department for staggered 3-year terms and shall include representatives of all of the following groups or organizations:

a. A representative of the department of natural resources familiar with large scale POWTS systems to serve as a nonvoting member.

b. A representative of a governmental unit responsible for the regulation of POWTS.

c. A POWTS designer.

d. A member of the academic or scientific community.

e. A journeyman or master plumber involved in POWTS installation.

f. A professional soil scientist or certified soil tester.

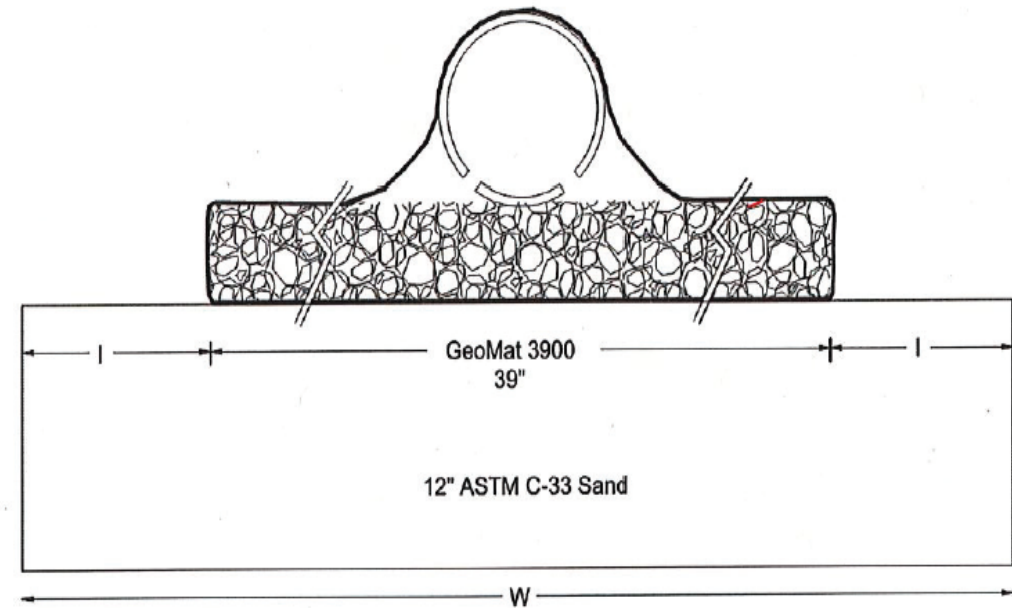
g. A POWTS component manufacturer.

h. An at-large member.

i. A representative from the department of safety and professional services familiar with POWTS approval to serve as a non-voting member.

Modernizes the process for soliciting public input SPS 384.10(3)(e)2.

- ▶ Public comments only for new component manuals
- ▶ Removes the requirement to post in the state newspaper and allows the DSPS to post notice on it's website for a min. of 14 days.



Wisconsin Fund

- ▶ Sunsets in June 2021 per 2017 WI Act 59
- ▶ Two grant cycles remain
- ▶ Applications for the last grant period must be postmarked by January 31, 2020
- ▶ Rule updates financial tables
- ▶ Maximum grant still \$7000 per statute
- ▶ This years awards total \$993,658.00, with no proration except for income based



eSLA

REPLACES THE DEPARTMENTS
NUMEROUS DATABASES AND
COMBINES PLAN
REVIEW/PERMITTING/ MH
TITLING/CREDENTIALING
PROCESSES



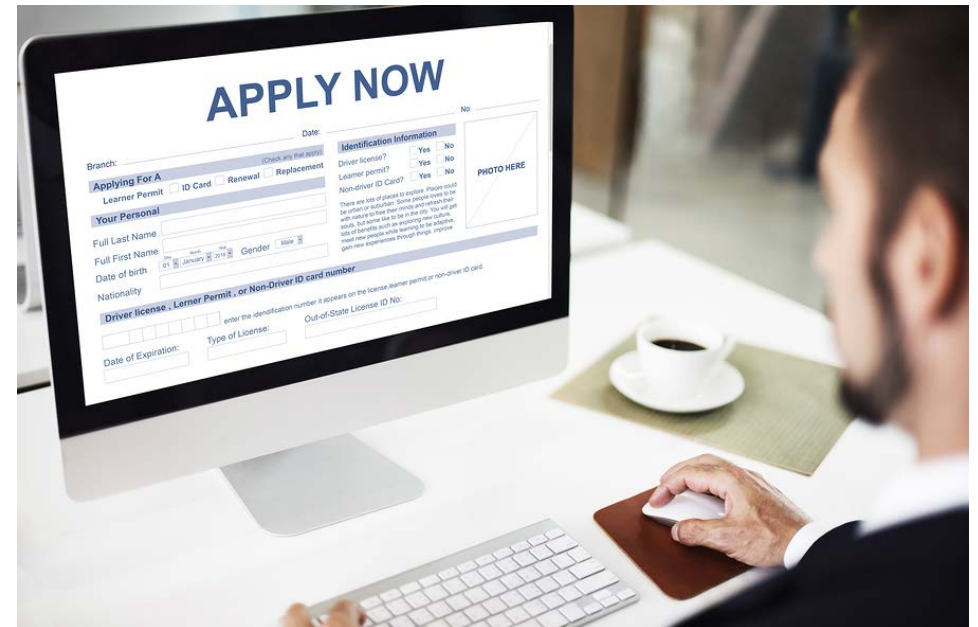
eSLA cont.

Submit plans for review

- ▶ Online application
- ▶ Upload plans immediately
- ▶ Search for plan availability by reviewer/office or first available
- ▶ Scheduled a known review date
- ▶ Bypasses middle step and goes directly to reviewer

eSLA cont.

- ▶ Mobile Home Titling
- ▶ Credential Renewal and Issuance
- ▶ Plan Review Agent Delegation Applications





Register here for a new [eSLA.Wisconsin.gov](https://uat-esla.cs32.force.com/PortalCommunityLogin) account.

If you do not have a login through this portal, but you have previously conducted business with DSPS or have an existing credential, permit, or plan review with the State of Wisconsin, please select "Existing DSPS Customer".

If are a new DSPS customer, please select "New DSPS Customer".

[EXISTING DSPS CUSTOMER](#)[NEW DSPS CUSTOMER](#)

Do you need help registering? [Click here](#)

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[LOGIN](#)

[Forgot Password?](#)
[Forgot Username?](#)

Welcome to your eSLA Dashboard

Credentials

Plan Review


+ NEW APPLICATION

MY HISTORY

Your Plan Reviews

To renew, edit, or update your Plan Review, please click on the Options button. Applications for a Plan Review are also shown on the bottom of the dashboard page.

SORT BY ▾

	<div>POWTS Component Manual Design</div> <div>DIS-091800009</div>	<div>STATUS</div> <div>Active</div>	<div>EXP DATE</div>	<div>OPTIONS ▾</div>
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New Plan Review Applications

To edit or withdraw an application, please click on the Options button.

SORT BY ▾

The plan review application process is very simple. Instructions for each stage of the plan review application will explain what information is necessary to move forward to the next stage of the application process. The status indicators at the top of each page of the plan review application will indicate what stage you are currently in for the

Owner/Designer Information

Add the necessary Owner or Designer information necessary to complete this application.

Type of Affiliation

*

Owner

First Name

*

Ken

Last Name

*

Brown

Company

*

Browns Lawn Service

Email

*

ken.brown@fakeemail.co

Phone

*

(920) 123-4567

Street Address

*

123 Main Street

City

*

Green Bay

State

*

Wisconsin

ZipCode

*

54304

CANCEL

SAVE

Project and Site Information

Add the necessary Project and Site information necessary to complete this application.

Browns New POWTS Systems

Site Id : SIT-0029
County : Brown
Municipality Type : Town
Municipality : Green Bay

3:45 PM
9/26/2018

Questions

Answer the following questions by selecting the appropriate answer for each question. Once completed, click Save and Continue.

How would you like to be contacted after the plans are reviewed?

Email Designer

Are you submitting a Holding Tank Component Manual Plan Review?

☐ Yes ☒ No

What is the design wastewater flow in gallons per day for the proposed system?

1,000 gpd or less

Which Component Manual(s) Are You Using To Submit Your Plan?

At-Grade Component Manual - Ver. 2.0, SBD-10854

ADD ANOTHER

What is the exact GPD?

450

Are you submitting a Soil Saturation Report (using observation pipes)?

☐ Yes ☒ No

Are you submitting an Interpretive Determination?

☒ Yes ☐ No

Do you need an Invoice to be generated and Emailed?

☐ Yes ☒ No



Application Selection

Select the Application Type. Next, based on the application type, select the Credential Type/Program Area, Credential/Permit Type and Application Method, as applicable.

Select Application Type

Plan Review ▾

Select Program Area

POWTS ▾

Select Permit Type

POWTS Component Manual Design ▾

Eligibility

By answering the following questions, eligibility for the license application will be determined. Confirmation will be noted if eligibility is met.

Do you hold an active credential from the following list: Master Plumber, Master Plumber Restricted Service, Designer of Engineering Systems, Professional Engineer, Registered Architect?

☒ Yes ☐ No

Application Instructions

Provide the information necessary for the application. Once finished, click which type of Save option desired.

Several counties have been delegated certain authority to review plans in lieu of Division of Industry services.

For a current list of those counties and their designation, please check the [Designated Agents](#) section of our website to ensure your plans are sent to the correct recipient.

CANCEL

SAVE AND CONTINUE



Attachment

If applicable, upload the attachments for your application by clicking the Add Attachment button(s). If uploading an attachment as a submission, it is necessary that the name of the file attachment is less than 80 characters in length for it to be received successfully. The character limit does include the file attachment extension, such as (.doc) and (.pdf). For documentation that needs to be submitted directly or by hardcopy, please acknowledge by clicking the Attest button(s). If no attachment or attestation items appear, please click the Save and Continue button.

Interpretive Determination

null

ADD ATTACHMENT

Soil Test and Plot Plan

Soil Test and Plot Plan

[POWTS Soil Test & Plot Plan](#)

ADD ATTACHMENT

POWTS Plan

POWTS Plan

ADD ATTACHMENT

Owner's Manual

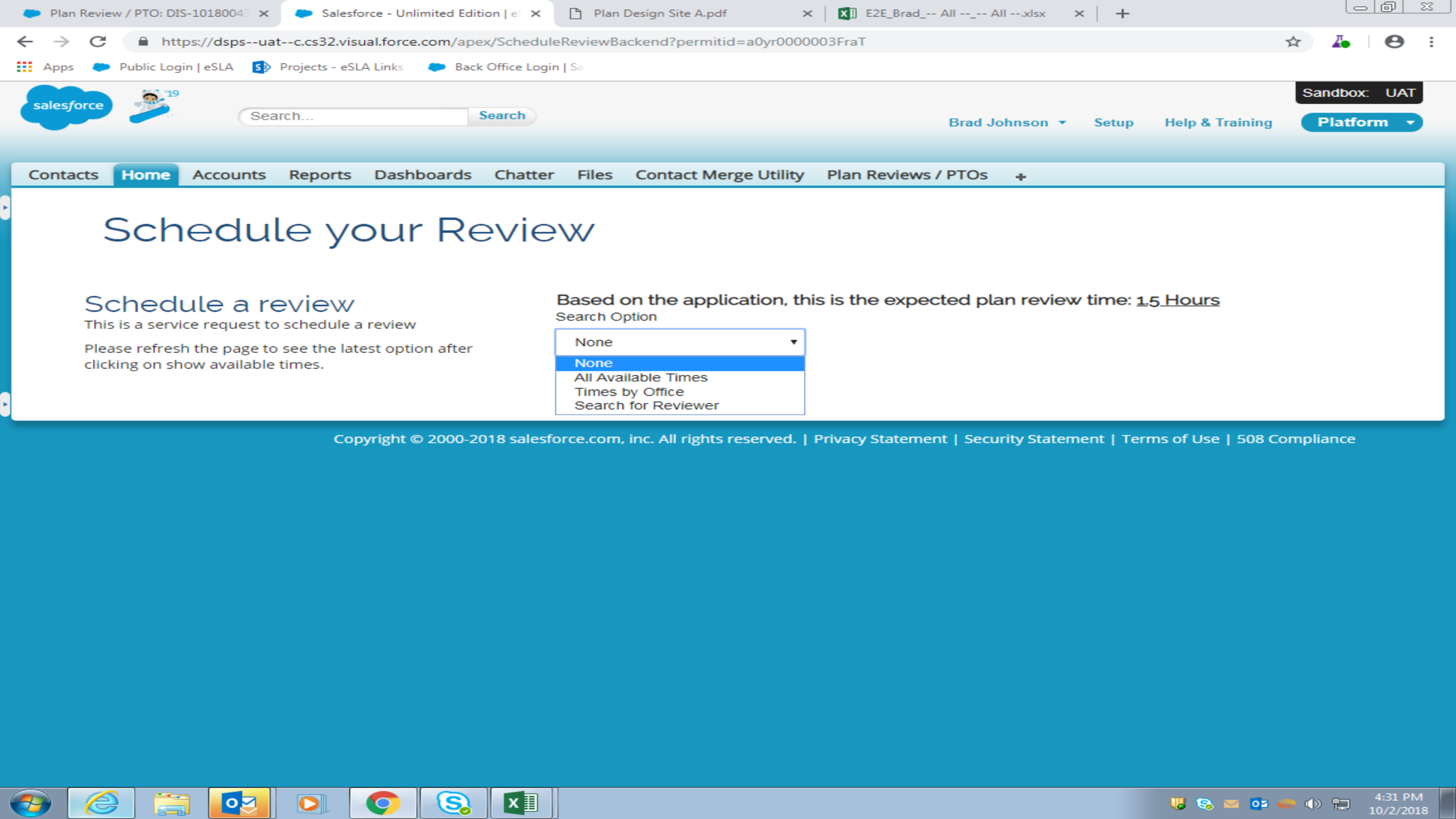
Owner's Manual

ADD ATTACHMENT

SAVE & FINISH LATER

SAVE AND CONTINUE

DOWNLOAD APPLICATION



Schedule your Review

Schedule a review

This is a service request to schedule a review

Please refresh the page to see the latest option after clicking on show available times.

Based on the application, this is the expected plan review time: 1.5 Hours

October						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1	2	3 Select	4 Select	5 Select	6
7	8 Select	9 Select	10 Select	11 Select	12 Select	13
14	15 Select	16 Select	17 Select	18 Select	19 Select	20
21	22 Select	23 Select	24 Select	25 Select	26 Select	27
28	29 Select	30 Select	31 Select	1	2	3

Technical Advisory Committee

Component Manuals Reviewed

- ▶ Geomat In-Ground and Mound
- ▶ Eljen GSF In-Ground and Mound

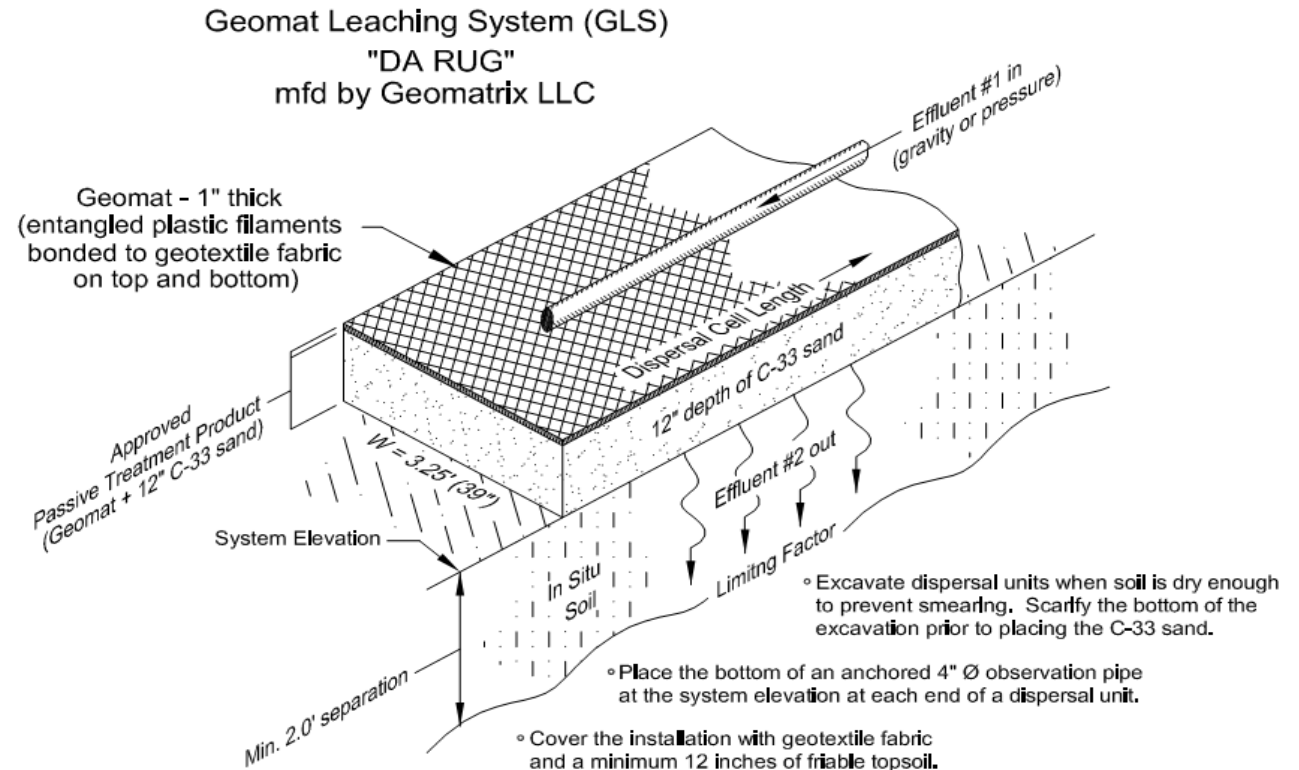
Component Manuals Under Review

- ▶ Infiltrator IG and Mound
- ▶ Eljen Mound in a Box

Products with Sand Filter

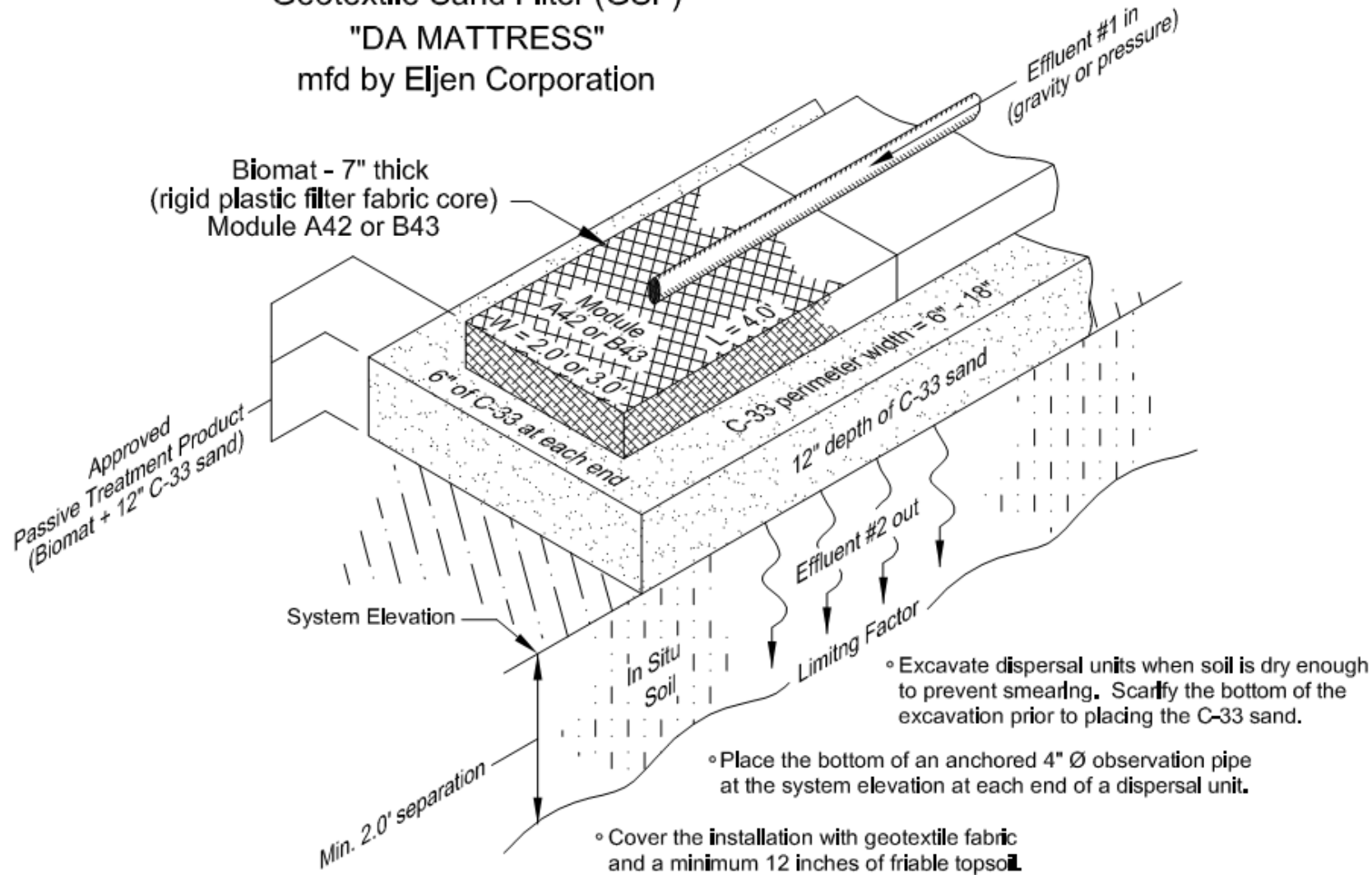
- ▶ Eljen GSF, Geomat, Infiltrator, etc.
- ▶ The product is approved as the distribution media and 12 inches of sand
- ▶ After passing through the product, may use effluent 2 loading rate for basal area sizing and receives 12 inches of vertical credit.

APPROVED PASSIVE TREATMENT UNIT (PTU) PRODUCT



APPROVED PASSIVE TREATMENT UNIT (PTU) PRODUCT

Geotextile Sand Filter (GSF)
"DA MATTRESS"
mfd by Eljen Corporation



Program Focus

- ▶ Focus on statutory requirements first
 - ▶ Plan Review
 - ▶ Credentials
 - ▶ Audit county programs
 - ▶ Administer Codes
 - ▶ Training and information programs for governmental units and credential holders
 - ▶ Conduct Investigations, hearings, revocations



Program Contacts

- ▶ 1 - Ed Taylor Edwin.Taylor@Wisconsin.gov 715-634-3484
- ▶ 2 - Travis Wagner Travis.Wagner@Wisconsin.gov 608-598-0715
- ▶ 3 - Matt Janzen Matthew.Janzen@Wisconsin.gov 715-340-0407
- ▶ 4 - Mark Finger Mark.Finger@Wisconsin.gov 608-574-1189
- ▶ 5 - Tim Vander Leest Tim.VanderLeest@Wisconsin.gov 920-492-2214
- ▶ Supervisor – Brad Johnson Bradley.Johnson@Wisconsin.gov 920-492-5605
- ▶ Submit general questions to: DSPSSBPowtstech@wi.gov