

In the Matter Of:

Delaware Department of Natural Resources & Environmental Control

PROPOSED REVISIONS TO SELECTED SECTIONS OF THE DELAWARE EROSION AND SEDIMENT

March 22, 2023



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL
OF THE STATE OF DELAWARE

RE: Proposed Revisions to Selected Sections of
the Delaware Erosion and Sediment Control
Handbook, a regulatory guidance document
in support of the sediment and stormwater
regulations, 7 DE Admin Code 5101,
Docket No. 2023-R-WS-0004

..

Wednesday, March 22, 2023
6:00 p.m.

..

BEFORE: Lisa Vest, Hearing Officer

FOR THE DIVISION: Elaine Webb, DNREC

-- Transcript of Proceedings --

WILCOX & FETZER
Registered Professional Reporters
1330 King Street - Wilmington, Delaware 19801
(302) 655-0477

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

TABLE OF CONTENTS

	Page
Introduction by Ms. Vest	3
Presentation by Elaine Webb	8
Entry of Exhibits 1 through 19	22
Public Comment by Mike Stang	26
Conclusory Remarks by Ms. Vest.	30
Certificate of Reporter	33

1 MS. VEST: Good evening. I believe
2 that everyone is now connected and ready, so
3 we are going to go ahead and begin tonight's
4 proceedings.

5 I want to thank everybody for
6 taking the time out of their busy day to join
7 us. The date is Wednesday, March 22, 2023,
8 and we are here this evening to provide the
9 virtual platform for DNREC to conduct its
10 public hearing on the Proposed Revisions to
11 Erosion and Sediment Control Guidance
12 documents.

13 For those that may not know me and
14 that are attending tonight, my name is Lisa
15 Vest, and Secretary Garvin has designated me
16 to serve as the hearing officer for tonight's
17 proceedings.

18 Pursuant to DNREC standard hearing
19 protocols, this hearing is being conducted
20 virtually. While there are no physical
21 sign-in sheets like we used to do to document
22 attendance tonight, Zoom does generate an
23 electronic list of those that are attending
24 virtually, and so the record is still

1 maintained by the Department as to whom is
2 attending these proceedings. And, again, I
3 thank everyone for their interest in this
4 matter.

5 At the conclusion of these remarks,
6 I will be turning the hearing over to
7 Department representatives so that their
8 presentation can be offered for the hearing
9 record that's being generated concerning this
10 matter.

11 There is still a court reporter.
12 She is virtually present. She will prepare a
13 verbatim transcript of the hearing tonight
14 pursuant to DNREC's statutory requirement to
15 do so. And as always, that transcript will
16 be posted on the hearing webpage dedicated to
17 this matter as soon as it is received.

18 Before we go any further, it's
19 important to set the parameters for tonight's
20 hearing. First and foremost, this is a
21 formal legal hearing. It is not a public
22 information session nor any other type of
23 informal workshop or town hall style event,
24 nor is the purpose of tonight's meeting to

1 advocate in any way, not on behalf of the
2 Department or the regulated community or the
3 public in general.

4 Rather, the purpose of tonight's
5 hearing is to build the record regarding this
6 matter and providing the formal legal
7 platform for the public to learn about the
8 Department's proposed actions and also by
9 enabling the public to offer comment should
10 they wish to do so.

11 Tonight, pursuant to the public
12 comments protocol found on the Administrative
13 Law Section of DNREC's website, there is one
14 person who has preregistered to offer comment
15 live this evening. That opportunity will
16 take place immediately following the
17 conclusion of the Department's presentation.

18 DNREC does wish to ensure that
19 everybody who wants to make a comment or
20 submit anything for the record is able to do
21 so. Therefore, as is the case in all DNREC
22 hearings, the record will remain open beyond
23 the hearing tonight. And in this particular
24 matter the record remains open for receipt of

1 public comment through April 19, 2023, so
2 that the public may be accommodated if they
3 wish to, in fact, submit comment for the
4 record.

5 I would encourage those who have
6 logged in to check out DNREC's webpage for
7 Public Hearings under the Administrative Law
8 section of the website for more details
9 concerning this matter.

10 The Department's presentation
11 that you are getting ready to hear in a few
12 minutes, along with other documentation
13 related to this particular subject matter,
14 are all on the hearing webpage dedicated to
15 this event, and the public may gain a wealth
16 of information by reviewing the same.

17 Of course, all mechanisms
18 previously available to offer comment remain
19 in effect -- electronic link, e-mail, and, of
20 course, the United States Postal Service.

21 The following protocol for public
22 hearings remain in place.

23 Number 1: All comment received
24 must be limited solely to the subject matter

1 of tonight's hearing in order to be
2 incorporated into the hearing record being
3 generated in this matter.

4 Number 2: As noted previously, in
5 order to ensure that everyone who wishes to
6 offer comment for consideration is
7 accommodated, the record will remain open
8 following tonight's proceedings through
9 April 19, 2023.

10 Number 3: There is only one
11 authentic record of this formal proceeding
12 tonight, and it is the official court
13 reporter's verbatim transcript.

14 Number 4: The statutory purpose of
15 tonight's hearing is to build the record with
16 regard to this matter. The record,
17 consisting of the transcript of the hearing
18 tonight, any and all written comments that
19 are received by the Department, all exhibits
20 that you will hear about tonight, and
21 eventually the Hearing Officer's Report, will
22 all be gathered together and reviewed by
23 Secretary Garvin.

24 The Secretary will ultimately issue

1 an order following his review process, and
2 that order will contain his decision on the
3 matter and the reasons therefor.

4 Lastly, it's important to note that
5 no decision has been made already by the
6 Department concerning this matter, nor will
7 any decision be made tonight with regard to
8 the proposed actions that you will hear about
9 during the hearing.

10 That being said, I am going to turn
11 the floor over to Elaine Webb. She is the
12 Department representative who I believe will
13 be doing the presentation tonight. So
14 Elaine, when you are ready, you may proceed.

15 MS. WEBB: Okay. Thank you, Lisa.
16 Can you hear me?

17 MS. VEST: I can hear you fine.

18 MS. WEBB: Okay. Good evening.

19 Tonight's virtual public hearing is on
20 proposed revisions to selected sections of
21 the Delaware Erosion and Sediment Control
22 Handbook.

23 The Delaware ESC Handbook is a
24 regulatory guidance document that supports

1 the Delaware Sediment and Stormwater
2 Regulations. The current version of the
3 Delaware ESC Handbook was adopted in
4 February 2019 with the most recent update to
5 the Delaware Sediment and Stormwater
6 Regulations.

7 The Delaware ESC Handbook provides
8 background information on erosion and
9 sedimentation and information on the
10 regulatory program to manage erosion and
11 sediment from construction sites in Delaware.

12 The handbook contains standards and
13 specifications for a long list of best
14 management practices, or BMPs, that may be
15 employed during construction to prevent
16 polluted discharges.

17 The Department advertised the
18 proposed revisions to selected sections of
19 the Delaware Erosion and Sediment Control
20 Handbook on December 1, 2022 and provided a
21 15-day period for individuals to request a
22 public hearing.

23 Requests for public hearing were
24 received and determined to be meritorious, so

1 the public hearing was scheduled.

2 The public hearing notice was
3 advertised on March 1, 2023, providing the
4 minimum 20-day notice. Today is March 22,
5 2023, and we are conducting the virtual
6 public hearing for proposed revisions to
7 selected sections of the Delaware Erosion and
8 Sediment Control Handbook.

9 Tonight, following this
10 presentation on the proposed changes, verbal
11 comments will be accepted from anyone who
12 preregistered to make comments, and the
13 record will remain open until April 19, 2023
14 for individuals to submit written comments on
15 the proposed changes.

16 There are six selected sections of
17 the Delaware Erosion and Sediment Control
18 Handbook that have proposed revisions. The
19 slides that follow will describe in greater
20 detail the proposed changes to those
21 sections, which are on temporary sediment
22 basin, vegetative stabilization, mulching,
23 construction site pollution prevention,
24 fueling and spill control, and the geotextile

1 application guide.

2 The proposed revisions will be
3 covered in the order in which they appear in
4 the Handbook document.

5 The first proposed revision is in
6 the 3.1.4 Temporary Sediment Basin standard
7 and specification. The revision concerns the
8 computation of the required number of
9 anti-seep collars.

10 Anti-seep collars are used on all
11 outlet pipes for temporary sediment basins
12 constructed with an earthen fill or
13 embankment. The anti-seep collar extends the
14 seepage length along the pipe conduit to
15 prevent seepage through the embankment that
16 could compromise the embankment and
17 potentially cause failure.

18 The requirement for anti-seep
19 collars is to increase the seepage length by
20 a minimum of 15 percent. The Handbook
21 provides a set of equations rearranged for
22 computing the number N of anti-seep collars
23 required, however, this equation is based on
24 a seepage length of 1.15 of the saturated

1 length, L_s , or 115% percent of the saturated
2 length.

3 The revision to the equation
4 corrects the computation for the number of
5 anti-seep collars to require only a 15%
6 increase in the saturated length, or $0.15L_s$
7 as shown in the second set of equations. The
8 change results in more reasonable dimensions
9 and numbers of anti-seep collars.

10 The next proposed revision concerns
11 3.4.3 Vegetative Stabilization. DNREC
12 Division of Parks and Recreation reached out
13 to Sediment and Stormwater Program regarding
14 use of three species of concern: Annual
15 lespedeza, weeping lovegrass, and reed
16 canarygrass.

17 The concern is that these species
18 in the right environment may become invasive
19 and outcompete rare species. While these
20 species are not currently listed in the
21 Invasive Plant List included in Senate Bill
22 22, the Delaware Invasive Species Council has
23 listed both weeping lovegrass and reed
24 canarygrass on their invasive species list.

1 Both weeping lovegrass and annual
2 lespedeza are invasive in our coastal parks'
3 stabilized dune habitat, and therefore are
4 proposed for removal from the vegetative
5 stabilization specification.

6 Neither annual lespedeza nor
7 weeping lovegrass were previously primary
8 species listed in a mix number in the
9 temporary seeding chart. Both species have
10 been removed from the footnotes of the
11 temporary seeding chart.

12 In the permanent seeding chart,
13 each of the concerning species have been
14 replaced by another species as recommended by
15 Division of Parks.

16 In mix number 1, weeping lovegrass
17 has been replaced with Canada wild rye. In
18 mix number 2, common lespedeza has been
19 replaced with white clover. And in mix
20 number 10, reed canarygrass has been replaced
21 by switchgrass. None of these changes affect
22 residential lawn seed mixes.

23 The revision to 3.4.5 Mulching is
24 in the "nettings" section under "Anchoring

1 Mulch" on page 3.4.5-3 and Sheet 2 of 3 of
2 standard detail DE-ESC-3.4.5.

3 Both the 3.4.6 Stabilization
4 Matting standard and specification and
5 Appendix A-4 the Stabilization Matting
6 Application Guide require all matting to have
7 biodegradable netting. However, the netting
8 reference in the 3.4.5 mulching specification
9 was inconsistent. The 3.4.5 Mulching
10 specification is revised now to remove
11 "synthetic or organic netting" language in
12 favor of "biodegradable netting" to be
13 consistent throughout the Handbook.

14 The next section with proposed
15 revisions is 3.6.1 Construction Site
16 Pollution Prevention. All of the public
17 hearing requests we received referred to the
18 waste management portion of this section in
19 their comments, a section for which we
20 proposed no revisions.

21 We have discussed the comments we
22 received with those that requested the
23 hearing. DNREC has a proposed path forward
24 to address those comments outside of these

1 proposed revisions to the Delaware Erosion
2 and Sediment Control Handbook.

3 The proposed revisions in this
4 section include modifying the section title.
5 In the 2019 Delaware ESC Handbook, 3.6.1 is
6 titled Construction Site Waste Management and
7 Spill Control. We have modified the name of
8 3.6.1 to Construction Site Pollution
9 Prevention.

10 In addition, we moved the Fueling
11 and Spill Control information into its own
12 standard and specification and replaced it
13 with additional information dealing with
14 pollution prevention.

15 The Construction Site Pollution
16 Prevention standard detail is included on
17 every detailed Sediment and Stormwater
18 Management Plan approved in the State of
19 Delaware. The detail includes Construction
20 Site Pollution Prevention Plan elements
21 including Material Inventory, Good
22 Housekeeping practices, waste management
23 practices, equipment maintenance practices,
24 spill prevention practices, and education.

1 These management strategies are
2 employed to prevent discharges of pollutants
3 other than sediment from the construction
4 site to allow sites to fully comply with the
5 Delaware Construction General Permit, or CGP.
6 The Delaware CGP was most recently updated in
7 March 2021.

8 The March 2021 Delaware CGP
9 includes a new requirement for signage on
10 sites that have permit coverage under the
11 CGP.

12 The Department developed a standard
13 detail to assist owners and permittees with
14 installing the sign on the construction site.
15 By incorporating the signage requirements
16 into the standard detail for 3.6.1, this
17 information will be included on every
18 Sediment and Stormwater Management Plan
19 approved that must also comply with the CGP.

20 The purpose of the sign is to
21 notify the public that a permit has been
22 issued for the site to discharge stormwater
23 from the construction activity and to provide
24 a method for the public to view the approved

1 plan and to notify the authority if they
2 observe a polluted discharge.

3 The CGP requires signage to include
4 the NOI number, contact name and phone number
5 to obtain additional construction site
6 information, contact name and phone number to
7 obtain a copy of the approved plan, and a
8 statement that includes the DNREC Spill
9 Hotline number if stormwater pollutant
10 discharge is observed. Requirements for the
11 CGP signage location is included. The detail
12 also includes recommendations for minimum
13 sign dimensions and font size.

14 The CGP signage detail replaced the
15 Fueling and Spill control section of the
16 standard detail for 3.6.1. Fueling and Spill
17 Control has been developed into its own
18 standard specification and detail, 3.6.4.

19 I think I finished everything
20 there. Which brings us to the next proposed
21 revision, which is the addition of 3.6.4 the
22 Fueling and Spill Control standard and
23 specifications. This was previously covered
24 in 3.6.1, but is important enough to warrant

1 its own standard and specifications similar
2 to how we handle concrete washouts and
3 concrete mixing operations.

4 The Fueling and Spill Control
5 standard and specifications provide guidance
6 for preventing and cleaning up spills, and
7 provide information on proper siting and
8 required secondary containment surrounding a
9 fuel tank.

10 When a fuel tank will be staged on
11 the site, this detail will be included on the
12 plans. This is how details 3.6.2 Concrete
13 Washout and 3.6.3 Concrete mixing operation
14 are handled as well. Those details are
15 included on the plan when warranted by the
16 site condition.

17 If a fueling operation will not be
18 included on the site and the detail is not on
19 the plan, equipment maintenance and spill
20 prevention and control remains in the 3.6.1
21 Construction Site Pollution Prevention detail
22 included on all plans.

23 The final proposed change in the
24 Delaware ESC Handbook is the Appendix A-3

1 Geotextile Application Guide. DelDOT worked
2 together with the Sediment and Stormwater
3 Program in proposing revisions to the
4 geotextile properties table.

5 DelDOT initiated the effort when
6 updating their specification for Section 1060
7 Geotextiles.

8 Geotextile technology is constantly
9 changing to improve performance, so these
10 updates began with a review of available
11 products and determining if they met the
12 standard in the Handbook.

13 As a result of this review, the
14 minimum and maximum property values in the
15 table were adjusted to continue to provide
16 the necessary performance, but to also
17 accommodate available geotextile products.

18 The minimum Mullen burst strength
19 metric is no longer a factor for any
20 applications other than GD-IV, which is the
21 geotextile dewatering bag. For the other
22 applications, most manufacturers did not
23 report a Mullen burst strength for their
24 products. We determined that this metric is

1 not critical to the function of the
2 geotextile in applications other than the
3 GD-IV. Therefore, it has been marked N/A in
4 the geotextiles properties table.

5 To highlight a specific example on
6 the bottom line of the table, Flow-thru rate,
7 the previous maximum flow-thru rate for GD-I,
8 which is silt fence geotextile, was 25
9 gal/min/sf.

10 After a review of available silt
11 fence products, it was determined that all
12 available silt fence products had a flow-thru
13 rate of 10 gal/min/sf or less.

14 The principle behind silt fence is
15 to create a ponding condition to allow
16 sediment to settle. A lower flow-thru rate
17 is in keeping with this principle.
18 Therefore, the maximum flow-thru rate for
19 GD-I has been adjusted to 10 gal/min/sf.

20 As previously stated, geotextile
21 technology is constantly changing.
22 Therefore, DNREC maintains a set of standards
23 for geotextile properties rather than an
24 approved products list. If a new product

1 comes on the market, it does not need to
2 approved to be used. It would need to
3 provide documentation that it meets the
4 geotextile properties for the application.

5 However, in order to provide the
6 regulated community with some sense of the
7 type of products meet the geotextile
8 properties, we have a list of "example
9 products" in Figure A-3a.

10 The example product list is not an
11 approved products list, and it is not
12 exhaustive. Three example products are
13 provided for each geotextile category. As of
14 the time of the publication, these were all
15 products available on the market that would
16 meet the specification.

17 This concludes the overview of the
18 proposed changes to the six selected sections
19 of the Delaware Erosion and Sediment Control
20 Handbook that have proposed revisions.

21 I'm going to turn it back over to
22 Hearing Officer Lisa Vest.

23 MS. VEST: All right. Thank you,
24 Elaine.

1 Regarding the exhibits that the
2 Department wishes to have entered into the
3 record, is there a slide that shows them?

4 MS. WEBB: Yes.

5 MS. VEST: Okay.

6 MS. WEBB: It's multiple slides.

7 Do you want me to go through them now?

8 MS. VEST: Yeah, you can just
9 slowly, a couple seconds on each one.

10 MS. WEBB: Okay.

11 MS. VEST: And just for those in
12 attendance, can you state for the record how
13 many exhibits there are that the Department
14 is offering tonight?

15 MS. WEBB: I believe it's 19.

16 MS. VEST: Okay.

17 MS. WEBB: Let me check. Yes, 19.

18 MS. VEST: Nineteen. Okay. So
19 just for bookkeeping purposes and making sure
20 that the record reflects this stuff
21 accurately, are the 19 exhibits that are
22 listed in your Power Point the same as those
23 that are listed on the hearing webpage
24 dedicated to this matter?

1 MS. WEBB: Yes, they are.

2 MS. VEST: And have they been
3 changed or altered in any way since their
4 publication on the hearing page?

5 MS. WEBB: No.

6 MS. VEST: Okay. Very good. Let
7 the record reflect that the Department's
8 proposed exhibits 1 through 19 are hereby
9 entered into the formal hearing record that's
10 being generated at this time. Does the
11 Department have anything further that they
12 wish to say?

13 MS. WEBB: I have nothing further.

14 MS. VEST: Okay. Very good. Thank
15 you, Elaine. And thank you to your program
16 for providing that information.

17 At this time we are now going to
18 move towards the portion of the hearing that
19 allows those that have preregistered to offer
20 live comment.

21 Pursuant to DNREC's hearing
22 protocols, in order to offer live comment,
23 you do have to preregister, and the deadline
24 to do so is you have to do so no later than

1 12 noon on the day of the hearing. So as of
2 12 noon today, there was only one person that
3 had preregistered to speak. That person is
4 Mr. Mike Stang.

5 So, while my assistants are making
6 sure that they can find him and get him ready
7 to go, I'm just going to say a few comments
8 here.

9 Mr. Stang, you will be given three
10 minutes to comment pursuant to the policy
11 that we allow during -- we allow live comment
12 to take place during hearings. If, for any
13 reason, you are unable to finish your
14 comments within those three minutes, then
15 certainly I would encourage you to submit
16 your full comments in writing on or before
17 April 19th.

18 It should be noted for the record
19 that all comments bear equal weight whether
20 they are received prior to the hearing, if
21 they come in verbally live at the hearing, or
22 if they come in in writing between now and
23 when the record closes for comment on
24 April 19th. They all bear the same weight,

1 and they will all be incorporated into the
2 hearing record and given consideration by the
3 Department prior to the Secretary making a
4 decision in this matter.

5 Also, again, for those of you that
6 may be out there attending this matter, if
7 you didn't preregister or you didn't know
8 about it, that's okay, because like I say,
9 the record is not closing tonight at the
10 conclusion of the hearing. You still have
11 all the way up through April 19th to do it.

12 And the other thing to think about
13 is while live comment at the hearing is
14 limited to three minutes, there is no limit
15 on the amount of written comment that you can
16 submit to the Department, again as long as it
17 gets in before the deadline of April 19th.

18 All of that being said, Mr. Stang,
19 can you hear me?

20 MR. STANG: I can. Can your hear
21 me?

22 MS. VEST: I can hear you loud and
23 clear, sir.

24 MR. STANG: Great.

1 MS. VEST: You will have three
2 minutes, and the time will begin when you
3 start to speak. So whenever you are ready,
4 you may proceed.

5 MR. STANG: Okay. Thank you for
6 having me.

7 MS. VEST: Sure.

8 MR. STANG: My name is Mike Stang.
9 I am the president of the Delaware Hauler's
10 Association. On Monday February -- (cuts
11 out)

12 MS. VEST: Mr. Stang, you just fell
13 off. Are you there? We will give him a
14 minute or so.

15 MR. STANG: Can you hear me?

16 MS. VEST: I can hear you now. But
17 the second that you started to speak, I don't
18 know if you are pacing wherever you are.
19 Stay in the same spot.

20 MR. STANG: Okay. I'm not. I'm
21 actually sitting down. But can you hear me
22 now?

23 MS. VEST: I can hear you now. We
24 stopped the timer so -- in fact, you know,

1 could you go ahead and just set it back to
2 three minutes.

3 MR. STANG: I won't need that.
4 Okay.

5 MS. VEST: You know, sorry for that
6 glitch.

7 MR. STANG: That's fine. My name
8 is Mike Stang. I am the president of the
9 Delaware Hauler's Association.

10 On February 6, I had the pleasure
11 of meeting with Elaine Webb and Bonnie
12 Arvay -- I hope I'm saying that correctly --
13 and they were very informative and
14 knowledgeable, and I thought it was a nice
15 meeting.

16 They informed me during that
17 meeting that maybe some of my concerns as the
18 Hauler's Association weren't necessarily some
19 of the changes that were being directed
20 toward some of the new changes within the
21 handbook, but I felt important to let
22 everyone know that the Hauler's Association,
23 they have two serious concerns that is within
24 the handbook, whether it's a change going on

1 or not.

2 One would be 1C that ensures that
3 containers have water-tight lids, meaning
4 construction containers. Part of these, the
5 construction site pollution prevention
6 section.

7 So with that concept being talked
8 about, we investigated it. Some of our
9 members of our association have over 1,000 or
10 1,500 open top, so they are called
11 construction containers on, within the State
12 of Delaware on site, and it costs between two
13 and \$3,000 to put a permanent sealed tight
14 lid on these containers.

15 And not only is it cumbersome for
16 the contractors and things, but the financial
17 expense would be tremendous to all the
18 haulers within the state.

19 So that is a concern of ours that
20 is in that handbook that we would like to be
21 addressed.

22 The second concern that we have is
23 section three, the waste management practice,
24 which they are referring to all dumpsters

1 should be emptied a minimum of twice per
2 week. Most dumpsters go about two times a
3 month.

4 If we substituted something like
5 that, it would be a tremendous burden not
6 only to the haulers, to the roads, to the
7 Delaware Solid Waste Authority, to the lines
8 it would cause trying to get in and out.

9 I am estimating that some of these
10 local members that we have would be spending
11 three to five million dollars adding extra
12 trucks for containers that would be, I think,
13 empty if we are going to force them to go
14 twice a week to the dump.

15 So that's our concerns. I know
16 it's not directly going with what we talked
17 about tonight, but I thought it was important
18 that you heard again some of the things
19 within that handbook that need to be
20 addressed a little bit further in detail.

21 I expressed to the two ladies on
22 the call the first time I will be more than
23 happy to get involved if we need to, as again
24 my name is Mike with the Hauler's

1 Association, Mike Stang. And thank you for
2 your time.

3 MS. VEST: Thank you, Mr. Stang.

4 Okay. Like I mentioned previously,
5 that was the only person that signed up and
6 preregistered to speak tonight. So that is
7 the only live comment that we will have.
8 That being said, we are going to go ahead and
9 draw this matter to a conclusion.

10 Again, I want to thank everybody
11 for taking the time to stop in, so to speak,
12 and tune in and see what's going on with
13 this.

14 Again, all comments are equal in
15 weight, whether they were received tonight,
16 as was the case with Mr. Stang, or whether
17 they come in at any point between now and
18 April 19th.

19 As a reminder, comments may be
20 submitted through a comment form on the
21 hearing page. There will be a little button
22 that says click here to submit comment, so
23 you can do it that way.

24 You can send an e-mail to

1 DNRECHearingComments@Delaware.gov, and I will
2 get that directly, or, of course, via the
3 United States Postal Service at the physical
4 address for DNREC indicated on the hearing
5 page and/or the public notices that have
6 previously been issued by the Department in
7 this matter.

8 It is important to note that
9 written comments to DNREC may not be
10 submitted using social media platforms such
11 as Twitter, Facebook, YouTube or standardized
12 text messaging.

13 Again, I want to thank everybody.
14 All comment bears the same weight, so if you
15 didn't have an opportunity to register today,
16 please feel free to submit your comments in
17 writing at any of those three mechanisms that
18 I just listed off.

19 And remember that the ultimate
20 decision regarding this proposed action is
21 made by Secretary Garvin. This formal
22 hearing tonight acts as a mechanism to enable
23 the Department to not only let the public
24 know that this proposed action is being gated

1 right now and being thought through and
2 considered by the Department, but it also
3 lets the public know the various ways that
4 they can participate and submit comments,
5 should they wish to do so.

6 Again, I want to thank everybody
7 for their time. This meeting is now hereby
8 adjourned.

9 (Concluded at 6:29 p.m.)

10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

CERTIFICATE

I, Lorena J. Hartnett, a Notary Public and Registered Professional Reporter, do hereby certify that the foregoing is an accurate and complete transcription of the proceeding held at the time and place stated herein, and that the said proceeding was recorded by me and then reduced to typewriting under my direction, and constitutes a true record of the testimony given by said witnesses.

I further certify that I am not a relative, employee, or attorney of any of the parties or a relative or employee of either counsel, and that I am in no way interested directly or indirectly in this action.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office on this 23rd day of March 2023.



Lorena J. Hartnett
Registered Professional Reporter

<hr/> \$ <hr/>	3.4.5 13:23 14:8,9	altered 23:3
\$3,000 28:13	3.4.5-3 14:1	amount 25:15
<hr/> 0 <hr/>	3.4.6 14:3	Anchoring 13:24
0.15ls 12:6	3.6.1 14:15 15:5,8 16:16 17:16,24 18:20	annual 12:14 13:1,6
<hr/> 1 <hr/>	3.6.2 18:12	anti-seep 11:9,10,13,18,22 12:5,9
1 6:23 9:20 10:3 13:16 23:8	3.6.3 18:13	Appendix 14:5 18:24
1,000 28:9	3.6.4 17:18,21	application 11:1 14:6 19:1 21:4
1,500 28:10	<hr/> 4 <hr/>	applications 19:20,22 20:2
1.15 11:24	4 7:14	approved 15:18 16:19,24 17:7 20:24 21:2,11
10 13:20 20:13,19	<hr/> 6 <hr/>	April 6:1 7:9 10:13 24:17,24 25:11,17 30:18
1060 19:6	6 27:10	Arvay 27:12
115% 12:1	<hr/> A <hr/>	assist 16:13
12 24:1,2	A-3 18:24	assistants 24:5
15 11:20	A-3A 21:9	association 26:10 27:9,18,22 28:9 30:1
15% 12:5	A-4 14:5	attendance 3:22 22:12
15-day 9:21	accepted 10:11	attending 3:14,23 4:2 25:6
19 6:1 7:9 10:13 22:15,17,21 23:8	accommodate 19:17	authentic 7:11
19th 24:17,24 25:11,17 30:18	accommodated 6:2 7:7	authority 17:1 29:7
1C 28:2	accurately 22:21	<hr/> B <hr/>
<hr/> 2 <hr/>	actions 5:8 8:8	back 21:21 27:1
2 7:4 13:18 14:1	activity 16:23	background 9:8
20-day 10:4	adding 29:11	bag 19:21
2019 9:4 15:5	addition 15:10 17:21	based 11:23
2021 16:7,8	additional 15:13 17:5	basin 10:22 11:6
2022 9:20	address 14:24	basins 11:11
2023 3:7 6:1 7:9 10:3,5,13	addressed 28:21 29:20	bear 24:19,24
22 3:7 10:4 12:22	adjusted 19:15 20:19	began 19:10
25 20:8	Administrative 5:12 6:7	begin 3:3 26:2
<hr/> 3 <hr/>	adopted 9:3	behalf 5:1
3 7:10 14:1	advertised 9:17 10:3	Bill 12:21
3.1.4 11:6	advocate 5:1	biodegradable 14:7,12
3.4.3 12:11	affect 13:21	bit 29:20
	ahead 3:3 27:1 30:8	BMPS 9:14
		Bonnie 27:11

<p>bookkeeping 22:19</p> <p>bottom 20:6</p> <p>brings 17:20</p> <p>build 5:5 7:15</p> <p>burden 29:5</p> <p>burst 19:18,23</p> <p>busy 3:6</p> <p>button 30:21</p> <hr/> <p style="text-align: center;">C</p> <hr/> <p>call 29:22</p> <p>called 28:10</p> <p>Canada 13:17</p> <p>canarygrass 12:16,24 13:20</p> <p>case 5:21 30:16</p> <p>category 21:13</p> <p>CGP 16:5,6,8,11,19 17:3,11,14</p> <p>change 12:8 18:23 27:24</p> <p>changed 23:3</p> <p>changing 19:9 20:21</p> <p>chart 13:9,11,12</p> <p>check 6:6 22:17</p> <p>cleaning 18:6</p> <p>clear 25:23</p> <p>click 30:22</p> <p>closes 24:23</p> <p>closing 25:9</p> <p>clover 13:19</p> <p>coastal 13:2</p> <p>collar 11:13</p> <p>collars 11:9,10,19,22 12:5,9</p> <p>comment 5:9,14,19 6:1,3,18,23 7:6 23:20,22 24:10,11,23 25:13,15 30:7, 20,22</p> <p>comments 5:12 7:18 10:11,12,14 14:19,21,24 24:7,14,16,19 30:14,19</p> <p>common 13:18</p> <p>community 5:2 21:6</p>	<p>comply 16:4,19</p> <p>compromise 11:16</p> <p>computation 11:8 12:4</p> <p>computing 11:22</p> <p>concept 28:7</p> <p>concern 12:14,17 28:19,22</p> <p>concerns 11:7 12:10 27:17,23 29:15</p> <p>concludes 21:17</p> <p>conclusion 4:5 5:17 25:10 30:9</p> <p>concrete 18:2,3,12,13</p> <p>condition 18:16 20:15</p> <p>conduct 3:9</p> <p>conducted 3:19</p> <p>conducting 10:5</p> <p>conduit 11:14</p> <p>connected 3:2</p> <p>consideration 7:6 25:2</p> <p>consistent 14:13</p> <p>consisting 7:17</p> <p>constantly 19:8 20:21</p> <p>constructed 11:12</p> <p>construction 9:11,15 10:23 14:15 15:6,8,15,19 16:3,5,14,23 17:5 18:21 28:4,5,11</p> <p>contact 17:4,6</p> <p>containers 28:3,4,11,14 29:12</p> <p>containment 18:8</p> <p>continue 19:15</p> <p>contractors 28:16</p> <p>control 3:11 8:21 9:19 10:8,17,24 15:2,7,11 17:15,17,22 18:4,20 21:19</p> <p>copy 17:7</p> <p>correctly 27:12</p> <p>corrects 12:4</p> <p>costs 28:12</p> <p>Council 12:22</p> <p>couple 22:9</p> <p>court 4:11 7:12</p>	<p>coverage 16:10</p> <p>covered 11:3 17:23</p> <p>create 20:15</p> <p>critical 20:1</p> <p>cumbersome 28:15</p> <p>current 9:2</p> <p>cuts 26:10</p> <hr/> <p style="text-align: center;">D</p> <hr/> <p>date 3:7</p> <p>day 3:6 24:1</p> <p>DE-ESC-3.4.5. 14:2</p> <p>deadline 23:23 25:17</p> <p>dealing 15:13</p> <p>December 9:20</p> <p>decision 8:2,5,7 25:4</p> <p>dedicated 4:16 6:14 22:24</p> <p>Delaware 8:21,23 9:1,3,5,7,11,19 10:7,17 12:22 15:1,5,19 16:5,6,8 18:24 21:19 26:9 27:9 28:12 29:7</p> <p>Deldot 19:1,5</p> <p>Department 4:1,7 5:2 7:19 8:6,12 9:17 16:12 22:2,13 23:11 25:3,16</p> <p>Department's 5:8,17 6:10 23:7</p> <p>describe 10:19</p> <p>designated 3:15</p> <p>detail 10:20 14:2 15:16,19 16:13,16 17:11,14,16,18 18:11,18,21 29:20</p> <p>detailed 15:17</p> <p>details 6:8 18:12,14</p> <p>determined 9:24 19:24 20:11</p> <p>determining 19:11</p> <p>developed 16:12 17:17</p> <p>dewatering 19:21</p> <p>dimensions 12:8 17:13</p> <p>directed 27:19</p> <p>directly 29:16</p> <p>discharge 16:22 17:2,10</p>
---	--	--

<p>discharges 9:16 16:2</p> <p>discussed 14:21</p> <p>Division 12:12 13:15</p> <p>DNREC 3:9,18 5:18,21 12:11 14:23 17:8 20:22</p> <p>DNREC's 4:14 5:13 6:6 23:21</p> <p>document 3:21 8:24 11:4</p> <p>documentation 6:12 21:3</p> <p>documents 3:12</p> <p>dollars 29:11</p> <p>draw 30:9</p> <p>dump 29:14</p> <p>dumpsters 28:24 29:2</p> <p>dune 13:3</p> <hr/> <p style="text-align: center;">E</p> <hr/> <p>e-mail 6:19 30:24</p> <p>earthen 11:12</p> <p>education 15:24</p> <p>effect 6:19</p> <p>effort 19:5</p> <p>Elaine 8:11,14 21:24 23:15 27:11</p> <p>electronic 3:23 6:19</p> <p>elements 15:20</p> <p>embankment 11:13,15,16</p> <p>employed 9:15 16:2</p> <p>emptied 29:1</p> <p>empty 29:13</p> <p>enabling 5:9</p> <p>encourage 6:5 24:15</p> <p>ensure 5:18 7:5</p> <p>ensures 28:2</p> <p>entered 22:2 23:9</p> <p>environment 12:18</p> <p>equal 24:19 30:14</p> <p>equation 11:23 12:3</p> <p>equations 11:21 12:7</p>	<p>equipment 15:23 18:19</p> <p>erosion 3:11 8:21 9:8,10,19 10:7,17 15:1 21:19</p> <p>ESC 8:23 9:3,7 15:5 18:24</p> <p>estimating 29:9</p> <p>evening 3:1,8 5:15 8:18</p> <p>event 4:23 6:15</p> <p>eventually 7:21</p> <p>exhaustive 21:12</p> <p>exhibits 7:19 22:1,13,21 23:8</p> <p>expense 28:17</p> <p>expressed 29:21</p> <p>extends 11:13</p> <p>extra 29:11</p> <hr/> <p style="text-align: center;">F</p> <hr/> <p>fact 6:3 26:24</p> <p>factor 19:19</p> <p>failure 11:17</p> <p>favor 14:12</p> <p>February 9:4 26:10 27:10</p> <p>fell 26:12</p> <p>felt 27:21</p> <p>fence 20:8,11,12,14</p> <p>Figure 21:9</p> <p>fill 11:12</p> <p>final 18:23</p> <p>financial 28:16</p> <p>find 24:6</p> <p>fine 8:17 27:7</p> <p>finish 24:13</p> <p>finished 17:19</p> <p>floor 8:11</p> <p>flow-thru 20:6,7,12,16,18</p> <p>follow 10:19</p> <p>font 17:13</p> <p>footnotes 13:10</p>	<p>force 29:13</p> <p>foremost 4:20</p> <p>form 30:20</p> <p>formal 4:21 5:6 7:11 23:9</p> <p>forward 14:23</p> <p>found 5:12</p> <p>fuel 18:9,10</p> <p>fueling 10:24 15:10 17:15,16,22 18:4,17</p> <p>full 24:16</p> <p>fully 16:4</p> <p>function 20:1</p> <hr/> <p style="text-align: center;">G</p> <hr/> <p>gain 6:15</p> <p>gal/min/sf 20:9,13,19</p> <p>Garvin 3:15 7:23</p> <p>gathered 7:22</p> <p>GD-I 20:7,19</p> <p>GD-IV 19:20 20:3</p> <p>general 5:3 16:5</p> <p>generate 3:22</p> <p>generated 4:9 7:3 23:10</p> <p>geotextile 10:24 19:1,4,8,17,21 20:2,8,20,23 21:4,7,13</p> <p>geotextiles 19:7 20:4</p> <p>give 26:13</p> <p>glitch 27:6</p> <p>good 3:1 8:18 15:21 23:6,14</p> <p>Great 25:24</p> <p>greater 10:19</p> <p>guidance 3:11 8:24 18:5</p> <p>guide 11:1 14:6 19:1</p> <hr/> <p style="text-align: center;">H</p> <hr/> <p>habitat 13:3</p> <p>hall 4:23</p> <p>handbook 8:22,23 9:3,7,12,20 10:8,</p>
---	---	---

<p>18 11:4,20 14:13 15:2,5 18:24 19:12 21:20 27:21,24 28:20 29:19</p> <p>handle 18:2</p> <p>handled 18:14</p> <p>happy 29:23</p> <p>Hauler's 26:9 27:9,18,22 29:24</p> <p>haulers 28:18 29:6</p> <p>hear 6:11 7:20 8:8,16,17 25:19,20,22 26:15,16,21,23</p> <p>heard 29:18</p> <p>hearing 3:10,16,18,19 4:6,8,13,16, 20,21 5:5,23 6:14 7:1,2,15,17,21 8:9, 19 9:22,23 10:1,2,6 14:17,23 21:22 22:23 23:4,9,18,21 24:1,20,21 25:2, 10,13 30:21</p> <p>hearings 5:22 6:7,22 24:12</p> <p>highlight 20:5</p> <p>hope 27:12</p> <p>Hotline 17:9</p> <p>Housekeeping 15:22</p> <hr/> <p style="text-align: center;">I</p> <hr/> <p>immediately 5:16</p> <p>important 4:19 8:4 17:24 27:21 29:17</p> <p>improve 19:9</p> <p>include 15:4 17:3</p> <p>included 12:21 15:16 16:17 17:11 18:11,15,18,22</p> <p>includes 15:19 16:9 17:8,12</p> <p>including 15:21</p> <p>inconsistent 14:9</p> <p>incorporated 7:2 25:1</p> <p>incorporating 16:15</p> <p>increase 11:19 12:6</p> <p>individuals 9:21 10:14</p> <p>informal 4:23</p> <p>information 4:22 6:16 9:8,9 15:11, 13 16:17 17:6 18:7 23:16</p> <p>informative 27:13</p>	<p>informed 27:16</p> <p>initiated 19:5</p> <p>installing 16:14</p> <p>interest 4:3</p> <p>invasive 12:18,21,22,24 13:2</p> <p>Inventory 15:21</p> <p>investigated 28:8</p> <p>involved 29:23</p> <p>issue 7:24</p> <p>issued 16:22</p> <hr/> <p style="text-align: center;">J</p> <hr/> <p>join 3:6</p> <hr/> <p style="text-align: center;">K</p> <hr/> <p>keeping 20:17</p> <p>knowledgeable 27:14</p> <hr/> <p style="text-align: center;">L</p> <hr/> <p>ladies 29:21</p> <p>language 14:11</p> <p>Lastly 8:4</p> <p>Law 5:13 6:7</p> <p>lawn 13:22</p> <p>learn 5:7</p> <p>legal 4:21 5:6</p> <p>length 11:14,19,24 12:1,2,6</p> <p>lespedeza 12:15 13:2,6,18</p> <p>lid 28:14</p> <p>lids 28:3</p> <p>limit 25:14</p> <p>limited 6:24 25:14</p> <p>lines 29:7</p> <p>link 6:19</p> <p>Lisa 3:14 8:15 21:22</p> <p>list 3:23 9:13 12:21,24 20:24 21:8,10, 11</p>	<p>listed 12:20,23 13:8 22:22,23</p> <p>live 5:15 23:20,22 24:11,21 25:13 30:7</p> <p>local 29:10</p> <p>location 17:11</p> <p>logged 6:6</p> <p>long 9:13 25:16</p> <p>longer 19:19</p> <p>loud 25:22</p> <p>lovegrass 12:15,23 13:1,7,16</p> <p>lower 20:16</p> <p>Ls 12:1</p> <hr/> <p style="text-align: center;">M</p> <hr/> <p>made 8:5,7</p> <p>maintained 4:1</p> <p>maintains 20:22</p> <p>maintenance 15:23 18:19</p> <p>make 5:19 10:12</p> <p>making 22:19 24:5 25:3</p> <p>manage 9:10</p> <p>management 9:14 14:18 15:6,18,22 16:1,18 28:23</p> <p>manufacturers 19:22</p> <p>March 3:7 10:3,4 16:7,8</p> <p>marked 20:3</p> <p>market 21:1,15</p> <p>Material 15:21</p> <p>matter 4:4,10,17 5:6,24 6:9,13,24 7:3,16 8:3,6 22:24 25:4,6 30:9</p> <p>matting 14:4,5,6</p> <p>maximum 19:14 20:7,18</p> <p>meaning 28:3</p> <p>mechanisms 6:17</p> <p>meet 21:7,16</p> <p>meeting 4:24 27:11,15,17</p> <p>meets 21:3</p> <p>members 28:9 29:10</p>
--	---	--

<p>mentioned 30:4</p> <p>meritorious 9:24</p> <p>met 19:11</p> <p>method 16:24</p> <p>metric 19:19,24</p> <p>Mike 24:4 26:8 27:8 29:24 30:1</p> <p>million 29:11</p> <p>minimum 10:4 11:20 17:12 19:14,18 29:1</p> <p>minute 26:14</p> <p>minutes 6:12 24:10,14 25:14 26:2 27:2</p> <p>mix 13:8,16,18,19</p> <p>mixes 13:22</p> <p>mixing 18:3,13</p> <p>modified 15:7</p> <p>modifying 15:4</p> <p>Monday 26:10</p> <p>month 29:3</p> <p>move 23:18</p> <p>moved 15:10</p> <p>Mulch 14:1</p> <p>mulching 10:22 13:23 14:8,9</p> <p>Mullen 19:18,23</p> <p>multiple 22:6</p> <hr/> <p style="text-align: center;">N</p> <hr/> <p>N/a 20:3</p> <p>necessarily 27:18</p> <p>netting 14:7,11,12</p> <p>nettings 13:24</p> <p>nice 27:14</p> <p>Nineteen 22:18</p> <p>NOI 17:4</p> <p>noon 24:1,2</p> <p>note 8:4</p> <p>noted 7:4 24:18</p> <p>notice 10:2,4</p>	<p>notify 16:21 17:1</p> <p>number 6:23 7:4,10,14 11:8,22 12:4 13:8,16,18,20 17:4,6,9</p> <p>numbers 12:9</p> <hr/> <p style="text-align: center;">O</p> <hr/> <p>observe 17:2</p> <p>observed 17:10</p> <p>obtain 17:5,7</p> <p>offer 5:9,14 6:18 7:6 23:19,22</p> <p>offered 4:8</p> <p>offering 22:14</p> <p>officer 3:16 21:22</p> <p>Officer's 7:21</p> <p>official 7:12</p> <p>open 5:22,24 7:7 10:13 28:10</p> <p>operation 18:13,17</p> <p>operations 18:3</p> <p>opportunity 5:15</p> <p>order 7:1,5 8:1,2 11:3 21:5 23:22</p> <p>organic 14:11</p> <p>outcompete 12:19</p> <p>outlet 11:11</p> <p>overview 21:17</p> <p>owners 16:13</p> <hr/> <p style="text-align: center;">P</p> <hr/> <p>pacing 26:18</p> <p>parameters 4:19</p> <p>parks 12:12 13:2,15</p> <p>Part 28:4</p> <p>path 14:23</p> <p>percent 11:20 12:1</p> <p>performance 19:9,16</p> <p>period 9:21</p> <p>permanent 13:12 28:13</p> <p>permit 16:5,10,21</p>	<p>permittees 16:13</p> <p>person 5:14 24:2,3 30:5</p> <p>phone 17:4,6</p> <p>physical 3:20</p> <p>pipe 11:14</p> <p>pipes 11:11</p> <p>place 5:16 6:22 24:12</p> <p>plan 15:18,20 16:18 17:1,7 18:15,19</p> <p>plans 18:12,22</p> <p>Plant 12:21</p> <p>platform 3:9 5:7</p> <p>pleasure 27:10</p> <p>point 22:22 30:17</p> <p>policy 24:10</p> <p>pollutant 17:9</p> <p>pollutants 16:2</p> <p>polluted 9:16 17:2</p> <p>pollution 10:23 14:16 15:8,14,15,20 18:21 28:5</p> <p>ponding 20:15</p> <p>portion 14:18 23:18</p> <p>Postal 6:20</p> <p>posted 4:16</p> <p>potentially 11:17</p> <p>Power 22:22</p> <p>practice 28:23</p> <p>practices 9:14 15:22,23,24</p> <p>prepare 4:12</p> <p>preregister 23:23 25:7</p> <p>preregistered 5:14 10:12 23:19 24:3 30:6</p> <p>present 4:12</p> <p>presentation 4:8 5:17 6:10 8:13 10:10</p> <p>president 26:9 27:8</p> <p>prevent 9:15 11:15 16:2</p> <p>preventing 18:6</p> <p>prevention 10:23 14:16 15:9,14,16, 20,24 18:20,21 28:5</p>
--	--	--

<p>previous 20:7</p> <p>previously 6:18 7:4 13:7 17:23 20:20 30:4</p> <p>primary 13:7</p> <p>principle 20:14,17</p> <p>prior 24:20 25:3</p> <p>proceed 8:14 26:4</p> <p>proceeding 7:11</p> <p>proceedings 3:4,17 4:2 7:8</p> <p>process 8:1</p> <p>product 20:24 21:10</p> <p>products 19:11,17,24 20:11,12,24 21:7,9,11,12,15</p> <p>program 9:10 12:13 19:3 23:15</p> <p>proper 18:7</p> <p>properties 19:4 20:4,23 21:4,8</p> <p>property 19:14</p> <p>proposed 3:10 5:8 8:8,20 9:18 10:6, 10,15,18,20 11:2,5 12:10 13:4 14:14, 20,23 15:1,3 17:20 18:23 21:18,20 23:8</p> <p>proposing 19:3</p> <p>protocol 5:12 6:21</p> <p>protocols 3:19 23:22</p> <p>provide 3:8 16:23 18:5,7 19:15 21:3, 5</p> <p>provided 9:20 21:13</p> <p>providing 5:6 10:3 23:16</p> <p>public 3:10 4:21 5:3,7,9,11 6:1,2,7, 15,21 8:19 9:22,23 10:1,2,6 14:16 16:21,24</p> <p>publication 21:14 23:4</p> <p>purpose 4:24 5:4 7:14 16:20</p> <p>purposes 22:19</p> <p>pursuant 3:18 4:14 5:11 23:21 24:10</p> <p>put 28:13</p> <hr/> <p style="text-align: center;">R</p> <hr/> <p>rare 12:19</p> <p>rate 20:6,7,13,16,18</p>	<p>reached 12:12</p> <p>ready 3:2 6:11 8:14 24:6 26:3</p> <p>rearranged 11:21</p> <p>reason 24:13</p> <p>reasonable 12:8</p> <p>reasons 8:3</p> <p>receipt 5:24</p> <p>received 4:17 6:23 7:19 9:24 14:17, 22 24:20 30:15</p> <p>recent 9:4</p> <p>recently 16:6</p> <p>recommendations 17:12</p> <p>recommended 13:14</p> <p>record 3:24 4:9 5:5,20,22,24 6:4 7:2, 7,11,15,16 10:13 22:3,12,20 23:7,9 24:18,23 25:2,9</p> <p>Recreation 12:12</p> <p>reed 12:15,23 13:20</p> <p>reference 14:8</p> <p>referred 14:17</p> <p>referring 28:24</p> <p>reflect 23:7</p> <p>reflects 22:20</p> <p>regard 7:16 8:7</p> <p>regulated 5:2 21:6</p> <p>Regulations 9:2,6</p> <p>regulatory 8:24 9:10</p> <p>related 6:13</p> <p>remain 5:22 6:18,22 7:7 10:13</p> <p>remains 5:24 18:20</p> <p>remarks 4:5</p> <p>reminder 30:19</p> <p>removal 13:4</p> <p>remove 14:10</p> <p>removed 13:10</p> <p>replaced 13:14,17,19,20 15:12 17:14</p> <p>report 7:21 19:23</p> <p>reporter 4:11</p>	<p>reporter's 7:13</p> <p>representative 8:12</p> <p>representatives 4:7</p> <p>request 9:21</p> <p>requested 14:22</p> <p>requests 9:23 14:17</p> <p>require 12:5 14:6</p> <p>required 11:8,23 18:8</p> <p>requirement 4:14 11:18 16:9</p> <p>requirements 16:15 17:10</p> <p>requires 17:3</p> <p>residential 13:22</p> <p>result 19:13</p> <p>results 12:8</p> <p>review 8:1 19:10,13 20:10</p> <p>reviewed 7:22</p> <p>reviewing 6:16</p> <p>revised 14:10</p> <p>revision 11:5,7 12:3,10 13:23 17:21</p> <p>revisions 3:10 8:20 9:18 10:6,18 11:2 14:15,20 15:1,3 19:3 21:20</p> <p>roads 29:6</p> <p>rye 13:17</p> <hr/> <p style="text-align: center;">S</p> <hr/> <p>saturated 11:24 12:1,6</p> <p>scheduled 10:1</p> <p>sealed 28:13</p> <p>secondary 18:8</p> <p>seconds 22:9</p> <p>Secretary 3:15 7:23,24 25:3</p> <p>section 5:13 6:8 13:24 14:14,18,19 15:4 17:15 19:6 28:6,23</p> <p>sections 8:20 9:18 10:7,16,21 21:18</p> <p>sediment 3:11 8:21 9:1,5,11,19 10:8,17,21 11:6,11 12:13 15:2,17 16:3,18 19:2 20:16 21:19</p> <p>sedimentation 9:9</p>
---	---	---

seed 13:22	specification 11:7 13:5 14:4,8,10 15:12 17:18 19:6 21:16	switchgrass 13:21
seeding 13:9,11,12	specifications 9:13 17:23 18:1,5	synthetic 14:11
seepage 11:14,15,19,24	spending 29:10	<hr/>
selected 8:20 9:18 10:7,16 21:18	spill 10:24 15:7,11,24 17:8,15,16,22 18:4,19	T
Senate 12:21	spills 18:6	<hr/>
send 30:24	spot 26:19	table 19:4,15 20:4,6
sense 21:6	stabilization 10:22 12:11 13:5 14:3, 5	taking 3:6 30:11
serve 3:16	stabilized 13:3	talked 28:7 29:16
Service 6:20	staged 18:10	tank 18:9,10
session 4:22	standard 3:18 11:6 14:2,4 15:12,16 16:12,16 17:16,18,22 18:1,5 19:12	technology 19:8 20:21
set 4:19 11:21 12:7 20:22 27:1	standards 9:12 20:22	temporary 10:21 11:6,11 13:9,11
settle 20:16	Stang 24:4,9 25:18,20,24 26:5,8,12, 15,20 27:3,7,8 30:1,3,16	therefor 8:3
Sheet 14:1	start 26:3	thing 25:12
sheets 3:21	started 26:17	things 28:16 29:18
shown 12:7	state 15:18 22:12 28:11,18	thought 27:14 29:17
shows 22:3	stated 20:20	tight 28:13
sign 16:14,20 17:13	statement 17:8	time 3:6 21:14 23:10,17 26:2 29:22 30:2,11
sign-in 3:21	States 6:20	timer 26:24
signage 16:9,15 17:3,11,14	statutory 4:14 7:14	times 29:2
signed 30:5	Stay 26:19	title 15:4
silt 20:8,10,12,14	stop 30:11	titled 15:6
similar 18:1	stopped 26:24	today 10:4 24:2
sir 25:23	stormwater 9:1,5 12:13 15:17 16:18,22 17:9 19:2	tonight 3:14,22 4:13 5:11,23 7:12, 18,20 8:7,13 10:9 22:14 25:9 29:17 30:6,15
site 10:23 14:15 15:6,8,15,20 16:4, 14,22 17:5 18:11,16,18,21 28:5,12	strategies 16:1	tonight's 3:3,16 4:19,24 5:4 7:1,8,15 8:19
sites 9:11 16:4,10	strength 19:18,23	top 28:10
siting 18:7	stuff 22:20	town 4:23
sitting 26:21	style 4:23	transcript 4:13,15 7:13,17
size 17:13	subject 6:13,24	tremendous 28:17 29:5
slide 22:3	submit 5:20 6:3 10:14 24:15 25:16 30:22	trucks 29:12
slides 10:19 22:6	submitted 30:20	tune 30:12
slowly 22:9	substituted 29:4	turn 8:10 21:21
solely 6:24	supports 8:24	turning 4:6
Solid 29:7	surrounding 18:8	type 4:22 21:7
speak 24:3 26:3,17 30:6,11		<hr/>
species 12:14,17,19,20,22,24 13:8, 9,13,14		U
specific 20:5		<hr/>
		ultimately 7:24

<p>unable 24:13</p> <p>United 6:20</p> <p>update 9:4</p> <p>updated 16:6</p> <p>updates 19:10</p> <p>updating 19:6</p> <hr/> <p style="text-align: center;">V</p> <hr/> <p>values 19:14</p> <p>vegetative 10:22 12:11 13:4</p> <p>verbal 10:10</p> <p>verbally 24:21</p> <p>verbatim 4:13 7:13</p> <p>version 9:2</p> <p>Vest 3:1,15 8:17 21:22,23 22:5,8,11, 16,18 23:2,6,14 25:22 26:1,7,12,16, 23 27:5 30:3</p> <p>view 16:24</p> <p>virtual 3:9 8:19 10:5</p> <p>virtually 3:20,24 4:12</p> <hr/> <p style="text-align: center;">W</p> <hr/> <p>warrant 17:24</p> <p>warranted 18:15</p> <p>Washout 18:13</p> <p>washouts 18:2</p> <p>waste 14:18 15:6,22 28:23 29:7</p> <p>water-tight 28:3</p> <p>wealth 6:15</p> <p>Webb 8:11,15,18 22:4,6,10,15,17 23:1,5,13 27:11</p> <p>webpage 4:16 6:6,14 22:23</p> <p>website 5:13 6:8</p> <p>Wednesday 3:7</p> <p>week 29:2,14</p> <p>weeping 12:15,23 13:1,7,16</p> <p>weight 24:19,24 30:15</p> <p>white 13:19</p>	<p>wild 13:17</p> <p>wishes 7:5 22:2</p> <p>worked 19:1</p> <p>workshop 4:23</p> <p>writing 24:16,22</p> <p>written 7:18 10:14 25:15</p> <hr/> <p style="text-align: center;">Z</p> <hr/> <p>Zoom 3:22</p>	
---	--	--