

## **In the Matter Of:**

Department of Natural Resources & Environmental Control

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Proposed Amendments to 7 DE Admin Code 1124, Section 33.0

Hearing

December 02, 2020

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*Wilcox & Fetzer*

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

RE: Proposed Amendments to 7 DE )  
Admin Code 1124, Section 33.0 )  
"Solvent Cleaning and Drying" )  
and Revision to Delaware's )  
State Implementation Plan )

.. . . . .

Virtual Public Hearing  
Dial-In Number: 1-408-418-9388  
Access Code: 173 613 8246

Wednesday, December 2, 2020  
6:00 p.m.

.. . . . .

BEFORE: Theresa Newman, Hearing Officer  
FOR THE DIVISION: Renae Held, DNREC  
ALSO PRESENT: Sascha Mohammed, DNREC

-- Transcript of Proceedings --

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1 MS. NEWMAN: Good evening. I want  
2 to thank everyone for joining this hearing.  
3 I believe everyone is now connected and  
4 ready, so we will now begin the virtual  
5 public hearing.

6 Again, I want to thank everyone for  
7 taking the time out of their busy schedules  
8 to connect with us today. The date is  
9 Wednesday, December 2, 2020, and the time is  
10 now 6:01 p.m.

11 We are here this evening to provide  
12 a virtual platform for the State of  
13 Delaware's Department of Natural Resources  
14 and Environmental Control to conduct a  
15 virtual hearing on the Proposed Revisions to  
16 7 DE Admin Code 1124, Control of Volatile  
17 Organic Compound Emission Regulations, more  
18 specifically, Section 33, Solvent Cleaning  
19 and Drying.

20 My name is Theresa Newman, and  
21 Secretary Garvin has appointed me to serve as  
22 the hearing officer for tonight's proceeding.

23 There have been changes made to  
24 DNREC's standard hearing protocols



1           necessitated by the Delaware's ongoing state  
2           of emergency due to COVID-19 pandemic.

3                     First and foremost, this hearing is  
4           being conducted virtually. No one is  
5           together in the same room. Everyone is  
6           participating independently at their own  
7           respective locations.

8                     While we are not physically  
9           gathered together tonight, Webex does  
10          generate a list of those that are virtually  
11          present for this proceeding so that the  
12          Department will have a record of those who  
13          have electronically joined this event.

14                    And, again, I want to thank  
15          everyone for their interest in this matter.

16                    At the conclusion of the  
17          introductory remarks, I will be turning the  
18          hearing over to the Department staff to  
19          provide their presentation for the record  
20          being generated in this matter.

21                    Once the presentation has  
22          concluded, those who have pre-registered in  
23          advance of the hearing will be acknowledged  
24          and provided an opportunity to offer comment



1 on the proposed regulatory matter in  
2 alignment with DNREC's standard comment  
3 protocols.

4 There is a court reporter virtually  
5 present who will prepare a verbatim  
6 transcript of the hearing pursuant to the  
7 statutory requirement for DNREC to have the  
8 same prepared. And, as always, the  
9 transcript will be posted on the hearing  
10 webpage dedicated to this matter as soon as  
11 it is received.

12 In addition, I would encourage  
13 those who are attending tonight's hearing to  
14 also visit the hearing webpage dedicated to  
15 this matter for additional details concerning  
16 this proposed regulatory matter.

17 The hearing webpage can be found  
18 online under the Administrative Law Section  
19 of DNREC's website that will be listed at the  
20 conclusion of tonight's hearing.

21 Before we begin the presentation  
22 tonight, please be advised of the following  
23 protocols that remain in place for all DNREC  
24 public hearings:



1 All comment received must be  
2 limited solely to the subject matter of  
3 tonight's hearing. All comment pertinent to  
4 the subject matter of this virtual hearing  
5 will be incorporated into the record being  
6 generated in this matter.

7 In order to ensure that everyone  
8 who wishes to offer comment for the  
9 Secretary's consideration is accommodated,  
10 the record in this matter shall remain open  
11 following tonight's proceeding through  
12 December 17, 2020.

13 There is only one authentic record  
14 of this formal proceeding tonight, and it is  
15 the official court reporter's verbatim  
16 transcript.

17 The statutory purpose of tonight's  
18 hearing is to build the record with regard to  
19 the Department's proposed actions.

20 A record consisting of the  
21 transcript of the hearing tonight and all  
22 written comment, all exhibits, and eventually  
23 the Hearing Officer's Report, will be  
24 reviewed by Secretary Garvin.



1           The Secretary will ultimately issue  
2           an order following that review process  
3           containing his decision on this matter and  
4           the reasons therefor.

5           Per DNREC's standard hearing  
6           protocols, there will be no Q and A or chat  
7           session permitted during the hearing. Those  
8           who have preregistered to offer verbal  
9           comment will be acknowledged to speak at the  
10          conclusion of the presentation portion of  
11          tonight's proceeding.

12          Additional instruction with regard  
13          to offering verbal comment tonight will be  
14          provided at that time.

15          Lastly, it is important to note no  
16          decision has already been made by the  
17          Department, nor will any decision be made  
18          tonight with regard to the proposed  
19          amendments to the regulation.

20          As previously stated, DNREC wishes  
21          to ensure that everyone is enabled to offer  
22          their comment for inclusion into the record  
23          being generated in this matter. Therefore,  
24          the record will remain open through Thursday,





1 December 17, 2020, so that the public may  
2 offer written comment, should they wish to do  
3 so.

4 Comments may be submitted through a  
5 comment form link on the hearing webpage, via  
6 e-mail to DNRECHearingComments@delaware.gov,  
7 or via the U.S. Postal Services at the  
8 physical address for DNREC indicated at the  
9 hearing webpage and/or public notices  
10 previously issued in this matter.

11 Written comments to DNREC may not  
12 be submitted using social media platforms  
13 such as Twitter, Facebook, YouTube, or text  
14 messaging.

15 Please remember that all comment  
16 received either through USPS or via the  
17 electronic mechanisms noted just now, as long  
18 as received by the Department on or before  
19 December 17, will bear the exact same weight  
20 and will be considered equally by the  
21 Secretary prior to making a final decision in  
22 this matter.

23 Lastly, the ultimate decision  
24 regarding this matter is made by DNREC



1 Secretary Garvin. This formal proceeding  
2 tonight acts as a mechanism to enable the  
3 Department to thoroughly vet the proposed  
4 regulations to the public and to let the  
5 public know the various ways in which comment  
6 may be submitted for Secretary Garvin's  
7 consideration, if so desired.

8 I will now hand it over to Renae  
9 Held with the Division of Air Quality to  
10 provide the Department's presentation.

11 MS. HELD: Good evening. Can you  
12 hear me, Theresa?

13 MS. NEWMAN: Yes, I can hear you.

14 MS. HELD: My name is Renae Held,  
15 and I am a Program Manager with the Airshed  
16 Planning and Inventory Program for the  
17 Division of Air Quality in the Delaware  
18 Department of Natural Resources and  
19 Environmental Control.

20 The purpose of this hearing is to  
21 receive public comments on the proposed  
22 update to 7 DE Admin Code 1124, Control of  
23 Volatile Organic Compound Emissions, Section  
24 33.0 "Solvent Cleaning and Drying."



1 Solvent cleaning is the process of  
2 using solvents to remove contaminants from  
3 various plastic, metal, or other substrates.

4 Cleaning with solvent dissolves  
5 organic substances and washes off insoluble  
6 compounds such as dirt.

7 These amendments will reduce  
8 emissions of Volatile Organic Compounds from  
9 cold solvent cleaning operations, thus  
10 reducing the formation of ground-level ozone.

11 The Federal Clean Air Act, as  
12 amended by the Clean Air Act Amendments of  
13 1990, requires all areas of the nation to  
14 attain and maintain compliance with the  
15 National Ambient Air Quality Standards.

16 These federal standards are  
17 designed to protect the public health and  
18 welfare from six criteria pollutants, one of  
19 which is ozone.

20 Ground-level ozone is formed  
21 through the reaction of Volatile Organic  
22 Compounds and other compounds in the air in  
23 the presence of sunlight. High levels of  
24 ground-level ozone can cause or worsen



1 difficulty in breathing, asthma, and other  
2 serious respiratory problems.

3 A cold solvent cleaner is a  
4 container with a non-boiling liquid solvent,  
5 containing Volatile Organic Compounds, into  
6 which parts are placed to remove soils from  
7 the surfaces of the parts or to dry the  
8 parts. The container of solvent can be any  
9 size.

10 Examples include batch; immersion;  
11 remote reservoir or sink-on a drum;  
12 conveyerized in-line cleaning; and various  
13 types of spray booths, flush booths, or wash  
14 stations.

15 The types of facilities that use  
16 cold solvent cleaning machines include auto  
17 repair, railcar and bicycle shops, machine  
18 shops, airplane repair, medical equipment,  
19 laboratories, and electronics manufacturing.

20 The following groups may be  
21 affected by these proposed amendments:  
22 Anyone in Delaware with a cold solvent  
23 cleaning machine using Volatile Organic  
24 Compounds, as defined in DE Admin Code 1101,

1 and anyone selling or importing solvents to  
2 be used in a Delaware cold solvent cleaning  
3 machine.

4 The proposed amendments are based  
5 on the 2012 Ozone Transport Commission Rule  
6 for Solvent Degreasing. The purpose of the  
7 Ozone Transport Commission is to develop and  
8 implement regional solutions to the  
9 ground-level ozone problem in the Northeast  
10 and Mid-Atlantic regions.

11 The amendments are also based on  
12 the 2004 California South Coast Air Quality  
13 Management District Rule 1122 "Solvent  
14 Degreasers."

15 The proposed amendments as  
16 published in the November 1, 2020 Delaware  
17 Register of Regulations include: Eliminating  
18 the exemption for cold cleaning machines  
19 containing less than one liter of solvent and  
20 five weight percent Volatile Organic  
21 Compounds, allowing cold cleaning machines to  
22 be heated to below boiling, reducing the  
23 solvent Volatile Organic Compounds  
24 concentration from 100 percent to 25 grams



1 per liter of non-Volatile Organic Compounds  
2 solution for most applications, allowing  
3 higher Volatile Organic Compounds  
4 concentrations to be used in conjunction with  
5 a Volatile Organic Compounds capture and  
6 control device, and non-substantive  
7 administrative wording edits and corrections.

8 Subsequent to the publication of  
9 the proposed amendments as published in the  
10 November 1, 2020 Delaware Register of  
11 Regulations, the Division of Air Quality  
12 identified two omissions or errors that  
13 needed to be corrected.

14 Subsection 33.4.4.11, which relates  
15 to adding or drainage of solvent to a batch  
16 vapor cleaning machine was missing the  
17 following text: Of the receiving container  
18 whenever possible to reduce splashing.

19 The condition should read: When  
20 solvent is added to or drained from the batch  
21 vapor cleaning machine, the solvent shall be  
22 transferred using threaded or other  
23 leak-proof couplings, and the discharge end  
24 of the pipe shall be located beneath the

1 liquid solvent surface of the receiving  
2 container whenever possible to reduce  
3 splashing.

4 Subsection 33.5.3.13 contained a  
5 typo. In the current regulation the term  
6 "on-line" is used instead of "in-line." The  
7 subsection should read: If a lip exhaust is  
8 used on the in-line cleaning machine, the  
9 ventilation rate shall not exceed 20 meters  
10 cubed per minute per meter squared, or  
11 65 feet cubed per minute per foot squared of  
12 in-line cleaning machine open area unless a  
13 higher rate is necessary to meet OSHA  
14 requirements.

15 The proposed amendments are  
16 expected to reduce Volatile Organic Compounds  
17 emissions by 110 tons per year. Existing  
18 sources will have a year from the effective  
19 date of the final regulation to comply with  
20 the proposed amendments. New sources will be  
21 required to comply with the proposed  
22 amendments upon startup.

23 The proposed amendments will be  
24 submitted to Delaware's State Implementation



1 Plan. A State Implementation Plan is a plan  
2 that identifies how a state will attain and  
3 maintain air quality, in order to conform to  
4 each primary and secondary National Ambient  
5 Air Quality Standard.

6 Delaware's initial State  
7 Implementation Plan was approved by the  
8 Environmental Protection Agency on May 31,  
9 1972. Since this initial approval, the  
10 Delaware State Implementation Plan has been  
11 revised numerous times to address air quality  
12 non-attainment and maintenance issues.

13 These edits or editions to the  
14 original State Implementation Plan, or  
15 "revisions" as they are commonly referred to,  
16 occur by updating plans and inventories and  
17 adding new and revised regulatory control  
18 requirements.

19 Delaware's State Implementation  
20 Plan is compiled in Title 40 of the Code of  
21 Federal Regulations at Part 52, Subpart I.

22 The Department Now enters the  
23 following exhibits into the public record to  
24 support the proposed amendments to 7 DE Admin





1 Code 1124, Control of Volatile Organic  
2 Compound Emissions, Section 33.0, "Solvent  
3 Cleaning and Drying:"

4 Exhibit 1: Current regulation 7 DE  
5 Admin Code 1124, Section 33.0.

6 Exhibit 2: Start Action Notice.

7 Exhibit 3: Technical Support  
8 Document.

9 Exhibit 4: 2012 Ozone Transport  
10 Commission Model Rule.

11 Exhibit 5: 2012 OTC Model Rule --  
12 Technical Support Document.

13 Exhibit 6: Rule 1122 "Solvent  
14 Degreasing," the California South Coast Air  
15 Quality Management District.

16 Exhibit 7: Rule 1171 "Solvent  
17 Cleaning Operations," The California South  
18 Coast Air Quality Management District.

19 Exhibit 8: Regulation 8 --  
20 "Organic Compounds" and Rule 16 -- "Solvent  
21 Cleaning Operations," the California Bay Area  
22 Air Quality Management District.

23 Exhibit 9: Regulation 8 and 16 --  
24 Staff Report, the California Bay Area Air



1 Quality Management District.

2 Exhibit 10: Control Techniques  
3 Guidelines: Industrial Cleaning Solvents,  
4 EPA.

5 Exhibit 11: Control Measure  
6 Development Support Analysis of Ozone  
7 Transport Commission Model Rules.

8 Exhibit 12: Switching to  
9 Water-Based Cleaners in Repair and  
10 Maintenance Parts Cleaning.

11 Exhibit 13: Alternative  
12 Low-Volatile Organic Compounds, Low Toxicity  
13 Cleanup Solvents for the Screen Printing  
14 Industry.

15 Exhibit 14: Assessment,  
16 Development and Demonstration of Low-Volatile  
17 Organic Compounds Cleaning Systems for the  
18 South Coast Air Quality Management District  
19 Rule 1171.

20 Exhibit 15: Tert-Butyl Acetate:  
21 Safer Alternatives in Cleaning and Thinning  
22 Applications.

23 Exhibit 16: Final Environmental  
24 Assessment for: Proposed Amended Rule



1 1122-Solvent Degreasers.

2 Exhibit 17: Case Studies in  
3 Aqueous Parts Cleaning -- Best Environmental  
4 Practices for Auto Repair Shops.

5 Exhibit 18: 7 DE Admin Code 1101,  
6 Definitions and Administrative Principles.

7 Exhibit 19: 7 DE Admin Code 1102,  
8 Permits.

9 Exhibit 20: 7 DE Admin Code 1124,  
10 Control of Volatile Organic Compound  
11 Emissions.

12 Exhibit 21: 7 DE Admin Code 1124,  
13 Control of Volatile Organic Compound  
14 Emissions, Appendices.

15 Exhibit 22: 7 DE Admin Code 1138,  
16 emission Standards for hazardous Air  
17 Pollutants for Source Categories, Section  
18 8.0, "Emission Standards nor Halogenated HAP  
19 Solvent Cleaning."

20 Exhibit 23: 7 DE Admin Code 1141,  
21 Limiting Emissions of Volatile Organic  
22 Compounds from Consumer and Commercial  
23 Products.

24 Exhibit 24: Interested Persons



1 List.

2 Exhibit 25: Presentation for  
3 Delaware Automotive Service Professionals  
4 meeting.

5 Exhibit 26: Signup sheet for  
6 Delaware Automotive Service Professionals  
7 meeting.

8 Exhibit 27: Public Workshop  
9 invitation letter and mailing list.

10 Exhibit 28: State of Delaware  
11 Public Meeting Calendar Announcement for the  
12 Public Workshops.

13 Exhibit 29: Public Workshop  
14 presentation.

15 Exhibit 30: Signup sheets for  
16 Public Workshops.

17 Exhibit 31: Draft Regulation for 7  
18 DE Admin Code 1124, Section 33.0 presented at  
19 Public Workshops.

20 Exhibit 32: Public comment  
21 letters.

22 Exhibit 33: First legal notice,  
23 dated 10/25/2020, announcing the virtual  
24 Public Hearing.



1 Exhibits 34 and 35: Affidavits for  
2 10/25/2020 legal notice.

3 Exhibit 36: Second Legal Notice  
4 (11/1/2020) announcing the virtual Public  
5 Hearing. This corrected a typo in the  
6 virtual hearing event number.

7 Exhibits 37 and 38: Affidavits for  
8 11/1/2020 legal notice.

9 Exhibit 39: DNREC Public Hearing  
10 Notice.

11 Exhibit 40: State of Delaware  
12 Public Meeting Calendar notice for Public  
13 Hearing.

14 Exhibit 41: Register Notice for  
15 Proposed Amendments.

16 Exhibit 42: Proposed Amendments to  
17 7 DE Admin Code 1124, Section 33.0.

18 Exhibit 43: Regulatory Flexibility  
19 Analysis and Impact Statement.

20 Exhibit 44: Corrected Regulatory  
21 Flexibility Analysis form, revised due to  
22 typo in the form, Volatile Organic Compounds  
23 emission reductions were accidentally  
24 referred to as ground-level ozone emission



1 reductions.

2 Exhibit 45: Errata table for  
3 non-substantive changes to the proposed  
4 amendments.

5 Exhibit 46: Governor John Carney's  
6 3/12/20 State of Emergency Declaration.

7 Exhibit 47: Governor John Carney's  
8 3/13/20 Proclamation for Electronic Meetings.

9 Exhibit 48: DNREC Press Release on  
10 3/17/20 Announcing Virtual Hearings.

11 Exhibit 49: DNREC Website  
12 Announcing Updates to Services, Including  
13 Virtual Hearings.

14 Exhibit 50: DNREC Press Release on  
15 3/20/20 Reiterating Use of Virtual Hearings.

16 Exhibit 51: Virtual Public Hearing  
17 Presentation.

18 This completes the Department's  
19 presentation on the proposed amendments to 7  
20 DE Admin Code 1124, Control of Volatile  
21 Organic Compound Emissions, Section 33.0,  
22 "Solvent Cleaning and Drying."

23 Thank you.

24 MS. NEWMAN: Thank you, Ms. Held.



1 I have received the electronic version of the  
2 proposed exhibits by the Department, and I  
3 hereby mark the aforementioned exhibits as  
4 Department's Exhibits 1 through 51.

5 Now that the presentation for the  
6 Department has concluded, we will now turn  
7 our attention to those who have preregistered  
8 for an opportunity to offer verbal comment at  
9 tonight's public hearing.

10 Per the protocol set forth on  
11 DNREC's public hearing webpage, those wishing  
12 to offer verbal comment during the virtual  
13 hearing must have preregistered with DNREC no  
14 later than noon on the day of the hearing.

15 The order of those commenting  
16 tonight was established as a result of the  
17 Department's preregistration process.

18 All commenters must adhere to the  
19 Department's protocols with regard to the  
20 offering of verbal comment, including making  
21 their comments as concise as possible,  
22 respecting the three-minute time limit, and  
23 limiting their comments to the subject matter  
24 of this hearing.



1           There are two pre-registered  
2           commenters that will be called upon in the  
3           following order to offer verbal comment  
4           tonight. First to speak will be Billy Ross,  
5           and next will be Tom Webster.

6           To assist the commenters with  
7           regard to the amount of time they have, there  
8           is a visual timer that has appeared on the  
9           screen that will count down three minutes.

10          When it is that speaker's turn to  
11          comment, the speaker's audio will be unmuted,  
12          their identity will be confirmed, and the  
13          timer will begin.

14          At the end of the three minutes,  
15          the speaker's audio will automatically be  
16          placed back on mute, and we will move on to  
17          the next person to be acknowledged to offer  
18          comment.

19          Please note there is no live video  
20          feed of the commenter. It will be by audio  
21          only.

22          All comments will be transcribed by  
23          the court reporter and thereby incorporated  
24          into the hearing record.



1                   If the speaker is not able to  
2                   finish their comments within the three-minute  
3                   period, the Department encourages them to  
4                   submit their completed comment in a written  
5                   format no later than December 17th.

6                   No commenter will be granted more  
7                   than three minutes of time to speak for any  
8                   reason.

9                   With that being said, may I have  
10                  Mr. Billy Ross unmuted, please? Mr. Ross?

11                  MR. ROSS: All right. So can you  
12                  hear me, Theresa?

13                  MS. NEWMAN: I sure can. Can you  
14                  please state your first and last name for the  
15                  record, and then you may begin with your  
16                  comment.

17                  MR. ROSS: My name is Billy Ross.  
18                  I'm Senior Vice President for Safety Kleen  
19                  Systems.

20                  And my comments will be very short,  
21                  because we will provide some follow-up  
22                  written comments that will go into more  
23                  detail.

24                  In general, we support the

1 regulations, but they are, you know, there  
2 are some technical things that we would hope  
3 that the, you know, the group would address.

4 The first is the annual temperature  
5 monitoring under 33.8.9. I can understand  
6 having a temperature monitoring for an  
7 organic substance, I guess. But, again, we  
8 are not talking about vapor degreasing; so,  
9 you know, most of our projects that meet the  
10 low VOC limits are aqueous-based, and so they  
11 boil above what water boils at. And our  
12 parts washers can't operate like that. It  
13 would destroy the equipment and be an  
14 incredible scold hazard to any operator.

15 So, you know, the scientific  
16 concept for requiring that, which there is  
17 not a lot of detail on how to do it and the  
18 recordkeeping and everything else, it's  
19 pretty burdensome. And that's not required  
20 in the South Coast AQMD where we have tens of  
21 thousands of units. So, you know, I would  
22 just ask that that be reconsidered.

23 The other comment, my second and  
24 last comment, is on using the South Coast



1 AQMD Method 313 on GC mass spec method for,  
2 you know, determining, you know, VOC content  
3 in addition to Method 24.

4 So there is strategic problems with  
5 Method 313, and our Vice President of  
6 Research and Development, Rick Haskins, has  
7 been working with William Singa, who is in  
8 the South Coast Rural Development and Area  
9 Sources Group, and they are going to come out  
10 with a revised method.

11 The problem for us is that there is  
12 essentially only one lab that runs Method  
13 313, and that's on the South Coast. And the  
14 backup is over six months.

15 So if you have a new chemistry or a  
16 revised chemistry that you want to use that  
17 is less than the VOC limits required by the  
18 rule, and you have to use Method 313, that's  
19 a long line to wait for that.

20 So, you know, and a lot of other  
21 rules don't require the use of Method 313.  
22 That's really, you know, something that came  
23 out of the South Coast. It's not in the Bay  
24 Area's rule. And, you know, most of all --



1 in fact, all the metropolitan areas of  
2 California require low VOC parts cleaning  
3 solvent, and only the South Coast has Rule  
4 313.

5 So I would ask that that be  
6 reconsidered and to use, you know, Method 24  
7 or, you know, any other approved or, you  
8 know, legitimate GC mass spec method for  
9 determining VOC content.

10 So we will be submitting written  
11 comments to follow this up, but I wanted to  
12 put those out on the table as two, you know,  
13 um, just, I mean, temperamental issues to the  
14 rule.

15 And I make those comments because I  
16 know a lot of the OTC states are going to  
17 follow suit with what New York has done and  
18 now Delaware.

19 And so we expect others to do it.  
20 And I would hope that these two things didn't  
21 kind of get blended in as the latest and  
22 greatest part of low VOC permitting.

23 So thank you very much, Theresa,  
24 for allowing Safety Kleen to make those



1 comments today, and we will be responding  
2 with written comments, as well.

3 MS. NEWMAN: Thank you, Mr. Ross.

4 Next, may I have Mr. Tom Webster  
5 unmuted?

6 MR. WEBSTER: Yes, this is Tom  
7 Webster.

8 MS. NEWMAN: Hi, Mr. Webster. You  
9 may proceed with your comments.

10 MR. WEBSTER: Yes, I would also  
11 like to support Billy Ross in his efforts  
12 with regards to the testing methods, as well.

13 Previously, I had submitted  
14 comments back in January with regards to on  
15 slide five of the handout.

16 Previously, you stated that the  
17 amendments expected to reduce emissions by  
18 2,000 pounds per day. I asked, we'd like to  
19 understand the math behind this calculation,  
20 please show the math.

21 And now you're saying that the  
22 proposed amendments are expected to reduce  
23 the VOC emissions by 110 tons per year. And,  
24 again, I'm not understanding the math behind

1 this. So I would certainly like to see that  
2 happen, as well.

3 With regards to the emissions and  
4 cost effectiveness, I think that would be  
5 very important to be able to show with  
6 regards to replacing the solvent parts washer  
7 replacement to be a compliant method.

8 Have you considered the following?  
9 The cost of current solvent parts washer  
10 machine, the cost of the current solvent  
11 purchased, the cost of the current solvent  
12 disposed or recycled, and then also the cost  
13 of the new compliant parts washer and  
14 detergent type, also the cost of the new  
15 compliant detergent, which would be the  
16 gallons required, and possibly more required  
17 to do what the job was that was once  
18 performed, as well as the cost of the  
19 compliance detergent being disposed of and  
20 now possibly considered as a hazardous waste?

21 With regards to Section 33.10.3,  
22 which reads, obtain from any person from whom  
23 they purchase or obtain any solvent  
24 containing VOC for use in a cold cleaning



1 machine, a signed document specifying the  
2 following accurate information specific to  
3 all purchased or obtained product."

4 I would like the word "signed" to  
5 be removed, as it's difficult to get a  
6 signature and should not be a requirement in  
7 the regulation.

8 Um, additional under 33.3,  
9 standards to batch cold cleaning, the  
10 businesses in Delaware would greatly  
11 appreciate having an example work practice  
12 suitable for posting, describing 33.33 and  
13 suggest a placard stating the requirements,  
14 as well.

15 So I think we really need some  
16 additional supporting information as to how  
17 DNREC wants or needs the businesses to abide  
18 by the regulations that are going down the  
19 road. Thank you for this time.

20 MS. NEWMAN: Thank you,  
21 Mr. Webster.

22 That will now conclude the public  
23 comment portion of tonight's hearing. I want  
24 to thank both persons who provided the public

1 comment tonight.

2 And, as always, there is a screen  
3 up for those who would like to provide their  
4 written comment. Again, they have until  
5 December 17th to do so. And those formats  
6 are provided for you on the screen.

7 So, again, I would like to thank  
8 everyone for joining. That now concludes the  
9 hearing for tonight, and the time is now  
10 6:33 p.m. Thank you.

11 (Concluded at 6:31 p.m.)

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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 3rd day of December 2020.



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Lorena J. Hartnett  
Registered Professional Reporter

Hearing - December 02, 2020

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