

1 Public Hearing: Croda Flare System Permit

2  
3 Docket No. 2024-P-A-0005

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5  
6 Moderated by Lisa A. Vest

7 Wednesday, April 24, 2024

8 6:01 p.m.

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11 DNREC Office of the Secretary

12 89 Kings Highway

13 Dover, DE 19901

14 (302) 739-9000

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19 Reported by: Samuel Haut

20 JOB NO.: 6613125

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A P P E A R A N C E S

List of Attendees:

Amanda Davis, DNREC (by videoconference)

Monica Fibelkorn, Administrative Specialist, DNREC

Office of the Secretary (by videoconference)

Eric Rowland, Engineer, DNREC Division of Air Quality,  
Engineering and Compliance (by videoconference)

Lisa A. Vest, Regulatory Specialist, DNREC Office of  
the Secretary

Sana Bell, Community Engagement Coordinator, Croda  
Inc. (by videoconference)

Joshua Dube, Site Director, Atlas Point, Croda Inc.  
(by videoconference)

Hana Graybill, Marketing Associate and Digital  
Associate, Croda Inc. (by videoconference)

Chris Hood, Head of Manufacturing - EO, Croda Inc. (by  
videoconference)

Margaret Rescavage, SHE Advisor, Croda Inc. (by  
videoconference)

Derrick Schweitzer, Safety, Health, and Environmental  
Director, Croda Inc. (by videoconference)

Rob Bullock, Public Commenter (by videoconference)

C.L. Conneen, Public Commenter (by videoconference)

A P P E A R A N C E S (Cont'd)

List of Attendees (Cont'd):

Silvana Dominioni, Public Commenter (by  
videoconference)

Bill Dunn, Public Commenter (by videoconference)

Chuck Egan, Public Commenter (by videoconference)

Chris Hood, Public Commenter (by videoconference)

John Irwin, Public Commenter (by videoconference)

Marissa McClinton, Public Commenter (by  
videoconference)

Jakim Mohamad, Public Commenter (by videoconference)

Sandra Smithers, Public Commenter (by videoconference)

Jeanette Swain, Public Commenter (by videoconference)

Dora Williams, Public Commenter (by videoconference)

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## C O N T E N T S

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Eric Rowland	14
Joshua Dube	19

## E X H I B I T S

NO.	DESCRIPTION	ID/EVD
DNREC:		
Exhibit 1	Permit Application for Flare System	18/18
Exhibit 2	Additional Information E-Mail from November 20, 2023	18/18
Exhibit 3	Technical Memorandum for Flare System	18/18
Exhibit 4	Draft Construction Permit for Flare System	18/18
Exhibit 5	Legal Notice: Delaware State News Affidavit	18/18
Exhibit 6	Legal Notice: News Journal Affidavit	18/18
Exhibit 7	Legal Notice: Spanish Translation	18/18

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E X H I B I T S (Cont'd)

NO.	DESCRIPTION	ID/EVD
DNREC (Cont'd):		
Exhibit 8	State Public Meeting Calendar Notice	18/18
Exhibit 9	DNREC Public Notice	18/18
Exhibit 10	DNREC Public Hearing Webpage	18/18
Exhibit 11	DNREC Public Hearing Presentation	14/18
NO.	DESCRIPTION	ID/EVD
Croda:		
Exhibit 12	Croda Presentation	20/

P R O C E E D I N G S

1  
2 MS. VEST: Good evening. It is  
3 approximately 6:01 p.m. on Wednesday, April 24, 2024,  
4 and I believe that now everyone is connected. So  
5 we're going to go ahead and begin the proceedings.

6 As I just mentioned, we are here  
7 tonight to provide the formal platform for DNREC to  
8 hold its public hearing regarding a pending permit  
9 application of Croda for a natural gas flare system at  
10 their facility located at 315 Cherry Lane in New  
11 Castle, Delaware.

12 For those of you that may not know me,  
13 my name is Lisa Vest and Secretary Garvin has  
14 designated me to be the hearing officer for tonight's  
15 proceedings.

16 We have a few little introductory  
17 remarks to kind of set the stage for tonight's  
18 hearing. First of all, pursuant to DNREC standard  
19 protocol, this hearing is being conducted virtually.

20 While there are no sign-in sheets to  
21 document physical attendance tonight, the Zoom  
22 platform does generate a list of those that have  
23 logged on to attend tonight's matter. And so again, I  
24 thank you for taking your time to be here tonight with

1 us.

2 One thing that I'm going to do before I  
3 set down some legal groundwork is I am going to turn  
4 the screen over briefly to Monica Fibelkorn. She is  
5 the administrative specialist for DNREC's Office of  
6 the Secretary.

7 Monica is going to offer some brief  
8 instructions on how to access the closed captioning  
9 that Zoom provides for their attendees and also a  
10 little bit of information if you'd rather see the  
11 closed captioning in a language other than English.

12 So, Monica, if you would please let  
13 everyone know that information.

14 MS. FIBELKORN: Okay.

15 Hello. My name is Monica Fibelkorn.  
16 I'm the administrative specialist with the Office of  
17 the Secretary and I'm here to assist the hearing  
18 officer tonight.

19 I'd like to make sure everyone is aware  
20 of the Zoom platform we're using -- has the ability  
21 for closed captioning in multiple languages.

22 To start closed captioning, if you're  
23 using a computer, at the bottom of your screen, you  
24 should see a "Show Captions" button. If you don't see

1 the "Show Captions" button, you may have to select the  
2 three dots that say "More."

3           Once you find your "Show Captions"  
4 button, you should click the caret pointing up, which  
5 will bring up your translations options. You can  
6 select your preferred language from there. If your  
7 preferred language is not listed, you can select  
8 "More" and all of the languages will be listed.

9           If you're on a smartphone, at the  
10 bottom of your select, select the "Captions" button  
11 indicated by "CC." If your preferred language is not  
12 listed at the bottom, you may have to select the three  
13 dots that say "More."

14           You should then select "Meeting  
15 Settings" with the ear icon next to it. Once the  
16 settings page comes up, located at the very bottom,  
17 select "Translation Language." From there, you'll be  
18 able to select your preferred language then select  
19 "Done" at the top right corner and then "Done" again.

20           If the captions are not automatically  
21 popping up yet, you may need to select "Captions"  
22 again and select "Show Captions."

23           I'll now turn it back over to the  
24 hearing officer.



1 MS. VEST: Thanks, Monica.

2 As I mentioned, I have a few  
3 introductory remarks that sets the groundwork for  
4 tonight's proceedings.

5 And then I'll be turning over the  
6 floor, so to speak, to representatives from both the  
7 Department and also from the Applicant staff. They  
8 both have very brief presentations to kind of help  
9 attendees understand exactly what this permit is about  
10 and kind of why we're here tonight.

11 Both the Department's presentation and  
12 Croda's presentation are on the hearing webpage on the  
13 hearing page under the "Administrative Law" section of  
14 DNREC's website. You can go there and see this one as  
15 well as any other of our hearings that are pending  
16 right now.

17 Each hearing that we hold has a whole  
18 webpage, as it were, that's dedicated just for each  
19 event. So I would encourage everybody to check it  
20 out. As I said, you'll said the presentation that are  
21 posted. They're already up on the hearing page.

22 There is also going to be a section for  
23 all the exhibits that'll be entered in tonight as well  
24 as all the comments. We've had some comments that

1 have come in already.

2           When we get the transcript from the  
3 court reporter that has a verbatim of tonight's  
4 proceedings, that'll go up. And any comments that we  
5 get between now and when the record closes for comment  
6 on May 10th. They all go up as soon as we receive  
7 them.

8           So yeah. It's a great page to check  
9 out. It's dedicated solely to this particular permit.  
10 And I would encourage everybody to check that out when  
11 they get an opportunity.

12           First and foremost, this is a formal  
13 legal hearing. It's not a public workshop or a public  
14 information session nor other -- some, you know,  
15 informal town hall event. It is the first leg of a  
16 formal proceeding for the agency.

17           And the purpose of tonight's hearing is  
18 to provide the platform to, one, let members of the  
19 public know what's going on about this, to present  
20 additional information about this matter; and, two, to  
21 offer comment if they have preregistered to do so.  
22 And we'll be saying a couple things about that here  
23 shortly as well.

24           The community concerns regarding all

1 pending permits are very important to the agency.  
2 These concerns in the form of these comments get  
3 incorporated into the hearing record when they are  
4 received.

5           And I should say that all comment,  
6 whether it has already come in, whether it's coming in  
7 tonight as a live comment, or -- again -- whether it  
8 comes in in writing between now and when the record  
9 closes on May 10th, they all bear the same weight and  
10 they're all incorporated into the record and taken  
11 into consideration by the secretary prior to a  
12 decision being made.

13           I also want to make sure that everyone  
14 realizes that only comments received by DNREC.  
15 Sometimes, you might see, you know, other community  
16 agencies or maybe sometimes, legislative hall gets  
17 involved in some of our matters and they offer  
18 comments to come in to the them.

19           The only way that comments become part  
20 of the official hearing record is if they're submitted  
21 to DNREC. We don't partner with any third-party  
22 sources. So I just always like to tell people that.

23           Like I said, the comment period will  
24 happen after both the Department's presentation and

1 the Applicant's presentation, but let me say a few  
2 more things before I turn that over.

3 Number one, all comment received must  
4 be limited solely to the subject matter of tonight's  
5 hearing, which -- again -- is the pending permit  
6 application of Croda. All comments pertinent to that  
7 subject matter will be incorporated into the record  
8 and posted on the hearing webpage as soon as they are  
9 received.

10 Number two, in order to ensure that  
11 everyone who wishes to offer comment for the  
12 consideration of the secretary is accommodated, the  
13 record does not close at the conclusion of tonight's  
14 proceedings, but rather it remains open for receipt of  
15 additional comment. And the record does not close in  
16 this matter until May 10th.

17 Number three, there is only one  
18 authentic record of this proceeding tonight and it is  
19 the official court reporter's transcript, which --  
20 again -- will be posted on the hearing page as soon as  
21 we get it.

22 Number four, the statutory purpose of  
23 tonight's hearing is to build the record with regard  
24 to this pending permit application. The record,

1 consisting of the transcript of tonight's hearing, all  
2 the written comments that have come in, all the  
3 exhibits, which will include hard copies of the  
4 PowerPoint presentations you'll see, and eventually,  
5 the hearing officer's report will all be put together  
6 and reviewed by Secretary Garvin.

7           The secretary will ultimately issue an  
8 order following his review process and that order will  
9 contain his decision in this matter and the reasons  
10 therefore.

11           Lastly, it's important to note that no  
12 decision has been made about this pending matter nor  
13 will any decisions be made tonight. Again, we're very  
14 interested in hearing what the public has to say and  
15 the comment period does not close until May 10th so  
16 that everyone's afforded an opportunity to offer  
17 written comment for the secretary's consideration  
18 should they wish to do so.

19           That being said, I am now going to turn  
20 it over to staff for the Division of Air Quality  
21 within DNREC.

22           And I believe, Eric, whenever you're  
23 ready, you can proceed.

24           MR. ROWLAND: Thank you. Bear with me

1 as I turn on my camera.

2 MS. VEST: You're fine.

3 MR. ROWLAND: Thank you, Lisa.

4 My name is Eric Rowland and am I an  
5 engineer with the engineering and compliance section  
6 of the Division of Air Quality. Thank you for joining  
7 us today for the public hearing on this flare permit  
8 for Croda.

9 (DNREC Exhibit 11 was marked for  
10 identification.)

11 Let me begin with a summary of this  
12 project. Croda has submitted a construction permit  
13 application for the installation of a flare system,  
14 consisting of a 20-inch-diameter, steam-assisted  
15 natural gas flare with a 3-inch-diameter,  
16 steam-assisted piggyback flare.

17 The flare system will be permitted for  
18 operation in an idle state at all times and from no  
19 more than 876 hours of activated use per year. The  
20 permit number assigned to this application is  
21 APC-2023/0098-Construction (FE).

22 I will briefly review the application  
23 timeline. On June 16th, DNREC received the permit  
24 application for the flare system. On

1 November 20, 2023, DNREC received additional requested  
2 information for the flare system from Croda.

3 On March 6, 2024, DNREC provided a copy  
4 of the prenotification draft permit to Croda for their  
5 review and comment. On March 15, 2024, DNREC received  
6 Croda's comments for the prenotification draft. On  
7 March 24, 2024, DNREC advertised the legal ad for the  
8 flare system as well as the legal notice for this  
9 hearing today.

10 Today -- April 24, 2024 -- is the  
11 public hearing for this permit application and  
12 May 10, 2024, is the deadline for public comment on  
13 this permit application.

14 Little bit about this. Croda's Atlas  
15 Point facility is considered a major source and is  
16 subject to our Title V operating permit program. This  
17 is because Croda admits greater than the EPA major  
18 source threshold for nitrogen oxide.

19 Additionally, the facility is a  
20 synthetic minor for both volatile organic compounds  
21 and hazardous air pollutants. This means that the  
22 facility has the potential to omit greater than EPA  
23 major source thresholds for these pollutants -- that  
24 is, taking federally-enforceable operation limitations

1 in their permit to maintain emissions below these  
2 thresholds.

3 Here we have a table of the EPA major  
4 source thresholds applicable in each of Delaware's  
5 counties. As Croda is located in New Castle County,  
6 Croda is a major source, as we noted, from nitrogen  
7 oxide, since the facility's emissions may exceed  
8 25 tons per year.

9 And then as previously mentioned,  
10 Croda's a synthetic minor for volatile organic  
11 compounds and hazardous air pollutants, since the  
12 permit limitations have been taken to maintain  
13 emissions below the major source thresholds listed.

14 Let me share a brief overview of our  
15 permitting process. When the application is received  
16 it is reviewed for both administrative and technical  
17 completeness. If not complete, it will be returned to  
18 the facility for correction.

19 Additional checks are performed to  
20 determine if the facility is in the coastal zone and,  
21 if so, if the project has been reviewed by DNREC's  
22 Division of Climate, Coastal and Energy. Local zoning  
23 will be checked to ensure that the project is allowed  
24 in the current zoning or if special-use permits



1 required if they've been obtained.

2 The technical information is reviewed  
3 and any submitted calculations confirmed. And then  
4 air dispersion modeling of emissions will be performed  
5 to estimate the concentration of air pollutants at the  
6 facility's property line in order to ensure public  
7 health, welfare, and safety will not be adversely  
8 affected.

9 The application will then be publicly  
10 advertised and, if requested -- either beforehand --  
11 in this case, by Croda -- or as the nature of that  
12 public advertisement, by the public -- a public  
13 hearing will be held.

14 If the construction permit is issued,  
15 the facility will construct the equipment described  
16 and contact the Division of Air Quality prior to  
17 operating the equipment to schedule for a  
18 construction-to-operation permit -- or inspection.

19 Following a successful  
20 construction-to-operation inspection, the terms of the  
21 construction permit will be incorporated into the  
22 company's Title V operating permit.

23 That concludes the Department's  
24 presentation. As you can see, there are a number of

1 exhibits that the Department would like to enter into  
2 the record.

3 MS. VEST: Okay. Great. Thank you for  
4 that brief presentation, Eric.

5 Just some housekeeping right now while  
6 the exhibits are up on the screen for everybody to  
7 look at. Are the 11 exhibits that you've got listed  
8 on your slides the same as those that were posted on  
9 the Department's hearing webpage?

10 MR. ROWLAND: Yes. They are.

11 MS. VEST: Okay. And have they been  
12 changed or altered in any way since their posting?

13 MR. ROWLAND: No. They have not.

14 MS. VEST: Excellent.

15 Okay. Then let the record reflect that  
16 DNREC Exhibits 1 through 11, as identified on the  
17 Department's presentation, are hereby entered into the  
18 formal hearing record.

19 (DNREC Exhibit 1 through Exhibit 10  
20 were marked for identification and  
21 DNREC Exhibit 1 through Exhibit 11 were  
22 received into evidence.)

23 Is there anything else that the  
24 Department wishes to offer for the record at this

1 time?

2 MR. ROWLAND: No.

3 MS. VEST: Okay. Excellent. Thank  
4 you, Eric. You can take your slide down, if you  
5 would.

6 And once his slide is down, if we can  
7 have -- I believe Josh is going to be doing it for the  
8 Applicant.

9 If you want to go ahead and put your  
10 slide up. I see it. Okay. You may begin when ready.

11 MR. DUBE: All right. Thank you.

12 Let me see. I have to reorganize my  
13 screens a little bit.

14 So hello. I'm Josh Dube. I'm the site  
15 director for Croda Atlas Point, here to talk about the  
16 permit request that we have in to DNREC for the flare  
17 that Eric just went through a little bit.

18 Before we get there, I'd like to talk a  
19 little bit more about Croda and -- for those that  
20 don't know us. So we are very proud of our people and  
21 team that we have here at Atlas Point, keeping the  
22 facility operational.

23 We have an experienced team of  
24 technical personnel that keep looking, you know, for

1 new ways to make us a better neighbor and that's  
2 really why we're here tonight and why we're looking to  
3 install a flare.

4 (Croda Exhibit 12 was marked for  
5 identification.)

6 We have an exceptional team of union  
7 operators, like the one pictured here to the left  
8 that's doing performance of the plant on a  
9 day-in-and-day-out basis.

10 Outside of developing this outstanding  
11 team that we have, Croda continually does look for  
12 ways to increase our safety at our sites. This top  
13 photo here to the right is a water tank that we  
14 voluntarily installed to maintain a bigger volume of  
15 water for emergencies.

16 We just did fill this and bring it  
17 online just a couple months ago, adding about a  
18 million galls on emergency water to our site. So very  
19 proud of that and happy to have that on site and  
20 functional.

21 We have sustainability at our site.  
22 It's a very big piece of what we do here. Our site  
23 does an excellent job at using sustainable, renewable  
24 energy. We have two solar fields, one of those which

1 is shown here at the bottom right.

2 We generate some of our steam and  
3 electricity from waste gas produced from the Cherry  
4 Island Landfill and the remainder of our electricity  
5 is purchased from renewable resources. So few ways  
6 that we look to reduce our carbon footprint and  
7 emissions overall. Okay.

8 Little bit about where we're located  
9 and what we do. So our facility is located near the  
10 Delaware Memorial Bridge. That's the bridge here,  
11 going over into New Jersey. Okay. This is where our  
12 location is, kind of the hatched-out yellow line.  
13 Route 9.

14 You guys know where that is here,  
15 towards the left side. And this is Cherry Lane,  
16 coming down to our facility. Right? So we're  
17 bordered basically by the Delaware River, Delaware  
18 Memorial Bridge, and then Route 9 is kind of where  
19 we're boxed in at.

20 Today, we manufacture surfactants,  
21 which are ingredients that help with oil and water to  
22 combine. They're used in many everyday products that  
23 we all use. We employ a team of about 240 people,  
24 half of whom are members of the United Steelworkers

1 here to produce those products.

2 The products we make are shipped  
3 globally. They're used in many household brand news.  
4 You won't see Croda's name on any of these products,  
5 but we are in the shampoos, conditioners, make-ups,  
6 baby products, cleaning supplies that a lot of people  
7 do purchase and we all have in our homes today. All  
8 right.

9 We also support the food industry.  
10 Some of our products, for instance, get used to help  
11 preserve apples and materials that are being grown out  
12 on the vine before harvest. Yeah. All right.

13 At Croda, we also take the  
14 responsibility of New Castle County community very  
15 serious. We support the local community and economy  
16 in many ways. We partner with Colonial School  
17 District. We help a number of nonprofits, including  
18 Rose Hill Community Center and the Food Bank of  
19 Delaware.

20 We also continue to improve our safety  
21 processes and reduce emissions by going above and  
22 beyond what's required and focusing on what's  
23 possible -- one of those being the flare that we're  
24 going to cover here shortly.

1           In addition, we share information with  
2 the public on our website. If anyone has questions or  
3 concerns, I would suggest visiting the website or  
4 using one of these contacts options.

5           So again, here's just the website. We  
6 have a community info line so you can call in if  
7 something's going on. Or you have concerns about  
8 maybe something that is happening at the site, you can  
9 call in and leave a message.

10           Big thing I say there is please leave a  
11 way to get back to you. We get a lot of good messages  
12 and sometimes, some good questions, but people  
13 sometimes forget their name or a way or to contact  
14 them back. So just please think through that and make  
15 sure you leave a way for us to contact you.

16           We also have an e-mail here --  
17 atlaspoint.ce@croda.com. So if you don't like leaving  
18 messages there, you can send us an e-mail and we'll  
19 reach back out.

20           We also engage our community advisory  
21 council about our current activities. This council's  
22 made up of the community leaders, educators, first  
23 responders, businesses, residential neighbors.  
24 Council meets four times a year and we keep regular

1 communications. So important details of our  
2 operations are passed to the community.

3 Objectives, like around this flare and  
4 so forth, we discuss those in there. We discuss our  
5 everyday kind of happenings, you know, with that  
6 community advisory council. Okay.

7 So that's a little bit about Croda.  
8 And then really for why we're here tonight is to  
9 discuss the flare and the flare permit that we're  
10 asking.

11 When we bring up this flare, we get  
12 kind of the same three questions over and over and  
13 that's really what I want to cover here tonight and go  
14 through those three questions.

15 We also have a longer list of questions  
16 that we receive and we've created kind of a Q-and-A  
17 sheet and we've posted that on to our own website of  
18 about 20 questions and answers. So I'd say after  
19 this, if you still have questions, maybe start there.  
20 Look through that Q and A. See if those answer some  
21 of your questions or not. Okay?

22 So the ones I want to cover here  
23 tonight are really, "What's a flare?" "Why do we need  
24 it?" And, "Where will it be located?" Those are the



1 three that always pop up for us. Okay.

2 So in this case, you know, what is a  
3 flare? Here's a photo here to the left. It's what a  
4 flare looks like and what our flare will look like.  
5 Yeah.

6 At its basis, it's a piece of equipment  
7 that burns VOCs -- so the organic compounds that Eric  
8 mentioned in his presentation -- and reduces them by  
9 about 98 percent, converting the rest to CO2.

10 So what we're looking at doing is  
11 sending VOCs through the flare. The flare will reduce  
12 the emissions by 98 percent, still allowing 2 percent  
13 to pass the atmosphere, which of course is much better  
14 than the way it's set up now, which is all of it  
15 passes the atmosphere. No. So again, reducing it by  
16 98 percent, allowing only 2 percent to get the  
17 atmosphere. Okay.

18 So what are VOCs? VOCs are the  
19 thousands of products in your everyday use, including  
20 cosmetics, paints, you know, cleaners, and so forth.  
21 I like to give the example of your car windshield. So  
22 in the summer months, a lot of us -- you know, you get  
23 into your car and you'll have that little fog on the  
24 inside and you always take out the napkin from

1 McDonald's and kind of, you know, wipe down the fog on  
2 the inside.

3 Those are VOCs that are coming out of  
4 the vinyl in your seats, in your dashboard, and they  
5 end up laying on to your windshield.

6 So again, just kind of a representation  
7 of what we're talking about here. It's a organic  
8 compound. They're found in a lot of places, including  
9 your car and other materials around you.

10 Why is Croda building the flare? So  
11 why does Croda want a flare at all? The main purpose  
12 is to reduce the environmental impacts. It's not  
13 required by laws -- the regulators. We want it for  
14 the purpose of a better environmental footprint.

15 We've heard from our neighbors that  
16 they want to see reductions in our air emissions and  
17 this is one step in making that happen. Okay.

18 So again, it's just important to point  
19 out: This doesn't help us with productivity. It  
20 doesn't make us any more money. It is really about  
21 being a good neighbor and helping reduce what we're  
22 putting out into the environment.

23 So where will this exist? You know,  
24 where will it be located? Flare is really located on

1 the northeast side of the facility. And let me jump  
2 to that -- this is the same photo, just blown up.  
3 This truck here is traveling into New Jersey. It's  
4 coming from Delaware on this side and going into New  
5 Jersey.

6 This is current plant. As you're  
7 traveling our current plant extends over. And what  
8 we've done is laid over a map of what we would like to  
9 do for the flare. And that piece is over here in this  
10 corner. So if everybody can see this white piece  
11 here, sticking up. That's the flare.

12 So it's sitting in the back corner of  
13 our facility, some distance away from the current  
14 towers that are there today. So today, if you'd drive  
15 over, this is what you see -- everything kind of from  
16 here back to this side. And we're looking at putting  
17 the flare in this back left corner. Okay.

18 So the question comes up: "Will I see  
19 this from my home? Is it going to be visible from the  
20 road?" and so forth. Really, if you're not seeing our  
21 facility now, this flare obviously is not sticking up  
22 any higher than the rest of the facility.

23 There is a pilot light on it that's  
24 always operational, but it sits down inside of the

1 flare. So it's not expected to be seen from the road  
2 or from underneath. And when the flare's actually  
3 happening, it is possible that you might see a visible  
4 light, depending, you know, on your position.

5 But again, if you're not seeing these  
6 towers from where you are currently, you're probably  
7 not going to see the flare. All right. Let's see.

8 Here's a little schematic of the flare  
9 and how it works. Basically, you're taking process  
10 materials -- the VOCs coming in. We do some  
11 conditioning of those. Travel up to the top of the  
12 flare stack, out through a center nozzle, where they  
13 are ignited by a pilot light -- basically, the pilot  
14 light that's being kept lit with natural gas. And  
15 that helps to burn the VOCs.

16 As part of that, there's also a ring of  
17 steam -- a steam-assist on this. That steam is really  
18 there to make sure that you get full burning of the  
19 VOCs and to help kind of form the flame and the way  
20 that flame looks and to ensure that it's doing its job  
21 appropriately.

22 "So will I hear anything?" That's  
23 something that we hear about the flare itself. Yeah.  
24 And the answer there is normally no, but occasionally

1 during an actual activity, it's possible. With the  
2 steam and the igniting of it, like any flame, it will  
3 give off a noise. When you turn on your gas stove at  
4 home, you can hear that burning or you can hear the  
5 flow of the gas and the burning of that.

6 Same thing here: Depending how big it  
7 is and how far away you are, it's possible, but we're  
8 not expecting a noise at this point.

9 These other two here, I believe we  
10 covered. You know, "Will I see anything?" Again, no,  
11 but occasionally at night, you may see a flame.

12 Possible to see some black smoke. And  
13 we're going to be very diligent and making sure that  
14 there is no black smoke. Black smoke means that it is  
15 not burning efficiently. And there's a process built  
16 in to help maintain the efficiency and to reduce any  
17 black smoke that would come out of this. Okay.

18 And then, "When would anything ever go  
19 to the flare?" This flare -- again -- is only for  
20 upsets. This is not to be used on a daily basis. I  
21 think Eric pointed that out in his slides.

22 This is for upsets -- when we lose  
23 power at the plant, a piece of equipment goes down.  
24 What we're doing is diverting those emissions to the

1 flare to be burned.

2           These situations happen today where --  
3 again -- we lose power or a piece of equipment fails.  
4 And right now those emissions go to atmosphere. This  
5 is going to take those emissions, send it to the  
6 flare, and reduce them by 98 percent. And that's the  
7 importance of this flare -- again, it's to reduce  
8 things that already exist down to 2 percent. Okay.

9           And then really, just one last slide.  
10 This was a quick little flow diagram. We had a few  
11 people asking us, you know, "What's going to the  
12 flare?" It's a very hard thing to answer to show in a  
13 schematic during a PowerPoint presentation.

14           But we can see here on the left, this  
15 is a list of pieces of equipment that we're going to  
16 tie into the flare. These all exist today. We're not  
17 adding anything new. They all exist. And at any time  
18 we could have a potential emissions through one of  
19 these points.

20           So we've done -- or what we would like  
21 to do going forward with the flare is to tie those  
22 into the flare so if there is an upset, instead of it  
23 going directly to the atmosphere and to the  
24 environment, it would go to the flare. Right?

1           And then again, you reduce down to  
2   2 percent and then pass on through. And this is that  
3   holistic list people have been asking for. Okay.

4           So that's the information that we have  
5   on the proposed flare. Really boils down to, you  
6   know, reducing air emissions and helping the  
7   environment and our neighbors. You know, putting in a  
8   flare will help with all those aspects. That's why  
9   we're proposing the flare installment to begin with.

10           It's not for profit. It's not to help  
11   us run things more efficient. It is truly just about  
12   reducing what we're putting out to the environment and  
13   what our neighbors are seeing.

14           Okay. That's what I have for tonight.  
15   Thank you.

16           MS. VEST: Okay. Great. Thank you,  
17   Josh.

18           As I mentioned before we got into the  
19   portion of the hearing tonight dealing with the  
20   presentations, both what the Department put on as  
21   their presentation and what you just saw now from the  
22   Applicant, both are already posted on the hearing  
23   webpage dedicated to this matter and I would encourage  
24   you all to go check it out maybe tomorrow or, you

1 know, in the next few days, maybe over the weekend.

2 Everything on the webpage is  
3 accessible. You can either view it, you can download  
4 it, you know, so -- and if there's any problem  
5 whatsoever with accessing anything, by all means you  
6 can contact the Department and we'll make sure that  
7 anything that you want to see is made available to  
8 you.

9 We're going to turn now to the comment  
10 portion of tonight's hearing. Pursuant to DNREC's  
11 policy regarding hearings and public comments, we do  
12 have a preregistration session that if anybody wants  
13 to offer live comment at the hearing, you're certainly  
14 encouraged to do so.

15 And that preregistration goes live from  
16 the time that the public notice gets put in the paper  
17 or published online all the way up until noon of the  
18 date of the event.

19 So if you didn't preregister to offer  
20 comment tonight, that comment period registration is  
21 now closed, but again, like I mentioned previously, it  
22 all bears the same weight, whether you do comment live  
23 tonight at the hearing or whether it comes in in  
24 writing.



1           So again, I would encourage everybody:  
2 Check out the information on the hearing page and see  
3 what everybody else commented. And you have until  
4 May 10th to make your own comments.

5           A couple of things before we begin: We  
6 have eight people that have registered to offer  
7 comment tonight. Again, the comment must be related  
8 to the subject matter of tonight's hearing, which --  
9 again -- is the Croda flare permitting.

10           Each commenter is given three minutes  
11 total to offer their comments for the record. The  
12 timer will begin on Zoom when the commenter starts  
13 speaking and the system will automatically cut that  
14 microphone off at the three-minute mark.

15           And I will encourage everyone -- it's  
16 rare that that happens, 'cause everybody's pretty much  
17 used to timed sessions now, but if it does happen to  
18 cut you off and you didn't get everything said that  
19 you wanted to say, by all means, you can supplement it  
20 by submitting written comment.

21           Or if you get everything done but you  
22 think of something else over the weekend, send it in.  
23 You know, we'd love to hear from you. And the thing  
24 to keep in mind is while you are limited to three

1 minutes tonight per person, there's no limit on what  
2 you can submit by written comment. So there's that  
3 too.

4 The commenter's video does remain off  
5 while speaking. There is no sharing or yielding of  
6 each person's time. Each person gets three minutes  
7 only. And while the Department appreciates all  
8 comments received, of course there is a zero tolerance  
9 in effect for disparaging remarks, offensive language,  
10 or personal attacks.

11 I'm proud to say that we very, very  
12 rarely have that happen, but if it does, there'll be a  
13 warning and if the disrespect continues, the commenter  
14 will be cut off and booted from the Zoom meeting  
15 regardless of how much time is left.

16 Again, this is a formal legal  
17 proceeding. And as such, it must be given the respect  
18 it deserves as well the respect to everybody else in  
19 attendance.

20 So with that being said, on your  
21 screen, you will see the three minutes. What'll  
22 happen is when each commenter speaks, each one of  
23 those bubbles will slowly disintegrate -- there's  
24 probably a better word for "disintegrate," but that's

1 what came into my mind now.

2 And again, at three minutes, the system  
3 will automatically cut off. In no order of  
4 importance -- it's merely just the order of the  
5 persons as they preregistered -- we're going to be  
6 hearing from Martin Willis first.

7 And just so people can, you know, be  
8 prepared, following Mr. Willis, we'll have Stephanie  
9 Heran.

10 So, Ms. Heran, be prepared to go once  
11 Mr. Willis is done.

12 Monica, have you found Mr. Willis in  
13 the attendance list?

14 MS. FIBELKORN: Sorry. I forgot I was  
15 muted. No. No.

16 MS. VEST: That's okay.

17 MS. FIBELKORN: I didn't find him yet.

18 MS. VEST: Okay. Well, we can always  
19 circle back around. Sometimes people are late. Life  
20 happens. Let's put Mr. Willis on hold.

21 Stephanie Heran is next on the list.  
22 And following Ms. Heran, the next person up that  
23 preregistered is Bill Dunn. So can we find Ms. Heran?

24 MS. FIBELKORN: I don't see her on the

1 list.

2 MS. VEST: Okay. I believe I did see  
3 Mr. Dunn.

4 MS. FIBELKORN: Yes.

5 MS. VEST: Okay.

6 Mr. Dunn, we're going to prepare you to  
7 be on mic'd.

8 The next person up, he did not leave a  
9 last name; it just says "Rob from New Castle."

10 So, Rob, as soon as Mr. Dunn has  
11 concluded his comments, we'll try to find you and  
12 you'll be up. And again, of course we will circle  
13 back around if your name comes up and we can't find  
14 you.

15 Mr. Dunn, can you hear me?

16 MR. DUNN: Yes.

17 MS. VEST: Awesome. The timer will  
18 begin when you start. You can go.

19 MR. DUNN: Yes. I'm Bill Dunn from the  
20 Civic League for New Castle County. I'm also a  
21 retired DuPont research technician and staff  
22 technologist. I spent about a year and a quarter,  
23 year and a half working on reaction chemistry similar  
24 to what they're doing with the EO reactor.

1           Never in my career did we ever have a  
2 release like occurred five years ago. It was  
3 astronomically bad and tends to be trivialized or  
4 minimized by members of the Croda staff in that it got  
5 covered with water.

6           And I've seen film of that and it was  
7 not neutralized to the extent that they want the  
8 public to believe.

9           I was also told in a conversation with  
10 their public affairs person that they have added  
11 monitors directly around the reactor itself, which is  
12 great for them to control the system, but never have  
13 they disclosed any of the information as to how  
14 efficient the reactor has operated since they've been  
15 allowed to restart and what prompted them at this  
16 point in time, after two years back in operation, to  
17 put in the flare.

18           They have never been very -- they also  
19 talk proprietary information when they rely on DNREC  
20 to provide them the permit to do whatever they want to  
21 do there on site.

22           The location of the flare, if were  
23 present at the time that they had the massive release,  
24 would've guaranteed an explosion of that property.

1     Guaranteed.

2                     If any flare is permitted, it needs to  
3     be at the farthest southeast corner of their property  
4     and nowhere near the reactor itself. It is dangerous  
5     to put it that close with the volatility of that  
6     stuff.

7                     Secondly, the community, since the  
8     major release, has asked time and time again for air  
9     monitoring at the perimeter that's publicly disclosed.  
10    Clearly, they had plenty of money -- put in the air  
11    monitors close to the reactor for their information,  
12    but will not provide that for the public. So I don't  
13    see this as being a well-done thing.

14                    Secondly, I'm kind of uncomfortable  
15    with the fact that DNREC itself sat down and had a  
16    private meeting with Croda yesterday -- the day  
17    before -- to prepare for them to address the public.  
18    That seems somewhat slanted. They didn't come to the  
19    public and prepare us.

20                    MS. VEST:    Okay.    Thank you, Mr. Dunn.  
21    As I said, once you hit that three minutes, the system  
22    cuts you off. I appreciate your comments. And  
23    certainly, if you want to supplement those, you're  
24    more than welcome to offer additional comments between

1 now and May 10th in writing.

2 As I mentioned previously, the next  
3 person up is Rob --

4 MR. BULLOCK: Is Rob Bullock. Rob  
5 Bullock.

6 MS. VEST: Okay. Okay, Rob. Thank  
7 you.

8 MR. BULLOCK: Yeah.

9 MS. VEST: Thank you. We're going to  
10 let you go in a minute.

11 The next person up once Rob is done is  
12 Dora Williams.

13 So, Ms. Williams, if you're ready, you  
14 will be called on as soon as Rob is done.

15 And, Rob, you may begin whenever you  
16 want to.

17 MR. BULLOCK: Okay. First, I would  
18 like to thank Sunny, Doug, Chris, Josh for the tour  
19 they gave me today at the site.

20 My only concern I would say is that the  
21 CO2 power light -- I would rather have a closed  
22 system. I'm going to say that right from the door.  
23 That's the ideal condition for me -- where there is no  
24 pilot light.

1           Because I'm looking at climate change  
2 and I'm looking at it's bigger than all of us. And  
3 I'm looking for the future of my great-grandkids and  
4 children. So I don't approve of the CO2 that's being  
5 into the environment by the pilot light.

6           Secondly, I would like the camera's  
7 monitor system to be upgraded so that if any situation  
8 that may occur, that they would be able to record  
9 it -- you know, to see it and record it and to respond  
10 to it as quickly as possible.

11           The thing is -- also would like the  
12 closed system is because that they have a -- if you  
13 have a earthquake like we just had the couple of weeks  
14 ago or whatever and that if it affected the EO part of  
15 the system -- and, you know, what happens to the EO?

16           So I would like if we had to have a  
17 emergency storage center away from the site, like Bill  
18 said, besides the system -- away from the site so that  
19 the EO does not go out into the environment at all.

20           But if you had a closed system with no  
21 flare at all, we wouldn't have to worry about it. It  
22 would go into a tank somewhere.

23           But -- what else? Oh, and transparency  
24 for the community. We have that -- I don't trust



1 industry anymore 'cause, to me -- and the community  
2 doesn't trust industry. We have to have transparency.

3 You know, we don't trust you. So you  
4 have to earn our trust. The community -- you have to  
5 earn the community's trust.

6 So what has happened in the history is  
7 unfortunate, but it's up to Croda to do everything in  
8 their, you know, power to make sure that the community  
9 is confident on how they handle and respond to these  
10 type of emergencies. Thank you.

11 MS. VEST: Thank you, Rob.

12 Coming up next, as I mentioned, is  
13 going to be Ms. Dora Williams. Following Ms. Williams  
14 comments, John Irwin is the next person up.

15 So, Mr. Irwin, you can prepare yourself  
16 to be called on next.

17 Do we have Ms. Williams? Monica, if  
18 you're talking, you're on mute still.

19 MS. FIBELKORN: Yes. I thought there  
20 is someone. It's Dora's iPhone. I thought that was  
21 her, but she's not responding.

22 MS. VEST: Okay. Well, that's fine.  
23 We can come back to Dora. I saw Dora's iPhone log on  
24 as well. We'll circle back around on her as well.

1                   While we find Mr. Irwin, the next  
2 person that registered to speak was Jakim Mohamad.

3                   So, Mr. Mohamad, you will be next.

4                   Do we have Mr. Irwin?

5                   MR. IRWIN: Yes. I'm here.

6                   MS. VEST: Okay. Excellent.

7 Mr. Irwin, thank you for taking the time. The timer  
8 will begin when you start offering comment.

9                   MR. IRWIN: Okay. Thank you.

10                   John Irwin from Wilmington. I'll keep  
11 this short. I'd like you to prioritize the prevention  
12 of the emissions. It seems like, you know, doing a  
13 flare is sort of like: "Okay. It's too late. I mean  
14 it's already happened and now we're trying to have a  
15 solution that is not ideal."

16                   It still ends up with some releases and  
17 we end up with carbon dioxide and other products of  
18 the flaring.

19                   So I think it's important -- we should  
20 be figuring out what has happened and make sure it  
21 doesn't happen again. So that's a general comment.

22                   The second thing is I think it's  
23 necessary to have mandatory fence-line monitoring on  
24 all sides of the facility and public access to the

1 data that results. You know, the public needs to have  
2 information about what's emitted, how much, and when  
3 it happened. And when it's figured out, there should  
4 be a follow-up of: "Okay. Why did it happen? And  
5 what are we doing to prevent it in the future?"

6 So I think that's basically all I want  
7 to say.

8 MS. VEST: Okay.

9 MR. IRWIN: Fix the problems. And then  
10 put up monitoring so we know actually what's  
11 happening. Thank you.

12 MS. VEST: Thank you, Mr. Irwin.  
13 Again, I appreciate your time.

14 Next up, I believe Monica is going to  
15 be trying to find Jakim Mohamad.

16 MR. MOHAMAD: I'm here.

17 MS. VEST: Okay. Excellent. And,  
18 Mr. Mohamad, following your comments, it will be  
19 Marissa McClinton I believe from the Sierra Club is  
20 next.

21 And after that, we'll circle back  
22 around and see if any of the ones that we passed over  
23 are still here.

24 MS. DAVIS: Lisa, really quick, Monica

1 had to reboot her computer. So if you can make me a  
2 host, I can take over for her.

3 MS. VEST: Excellent.

4 MS. DAVIS: Thank you.

5 MS. VEST: I'll do that right now. I  
6 was wondering what happened.

7 MS. DAVIS: Got booted, yep.

8 MS. VEST: Okay. Technology in the  
9 21st century. All right, Amanda. You should be one  
10 of the cohosts now. So you should be able to share  
11 the screen.

12 MS. DAVIS: Hold on one second. I  
13 don't have the timer that Monica was using, but I'm  
14 going to use the countdown timer in the top --

15 MS. VEST: That's okay. I can still  
16 see the timer 'cause --

17 MS. DAVIS: Okay.

18 MS. VEST: -- it started just briefly.

19 MS. DAVIS: I'll start -- when he  
20 starts his comment.

21 MS. VEST: Excellent.

22 MS. DAVIS: Thank you.

23 MS. VEST: Mr. Mohamad, you're up. The  
24 timer will begin when you do.

1 MR. MOHAMAD: All right.

2 Peace and blessings, everyone. My name  
3 is Jakim Mohamad. I'm offering my deep concerns today  
4 about the proposal allowing the Croda corporation to  
5 flare more volatile organic compounds in our  
6 communities, particularly along the Route 9 corridor.

7 The residents of Delaware have already  
8 borne the brunt of disrespectful pollutants and  
9 practices for far too long and it's high time we put a  
10 stop to it.

11 Croda's track record speak for itself.  
12 This company has demonstrated time and time again what  
13 it means to be a bad corporate neighbor. Their  
14 actions have not only endangered the health and  
15 well-being of our community, but also disregarded the  
16 fundamental rights of every individual to clean air  
17 and safe environment.

18 Let us be clear about the science here:  
19 More flaring at the Croda facility inevitably means  
20 more air pollution for the Route 9 corridor.

21 The evidence is indisputable and the  
22 consequences are dire. We cannot afford to turn a  
23 blind eye to the harmful effects of VOCs on our health  
24 and environment any longer.

1 I've heard Croda's arguments about  
2 safety concerns regarding the addition of  
3 environmental control devices to their site. They  
4 claim the flares are a safe way to destroy VOCs,  
5 including ethylene oxide and that their flares is  
6 placed outside of the main processing area, following  
7 industry standards and guidelines.

8 But let's not be fooled by these  
9 technicalities. The mere fact that the flares are  
10 necessary in the first place is a testament to the  
11 inherent dangers posed by Croda's operations.

12 Flaring should never be seen as a  
13 solution, but rather, as a last resort. And even then  
14 and mostly -- and it must be closely regulated to  
15 minimize the impact on the surrounding communities.

16 We cannot continue to allow  
17 profit-driven corporations like Croda to prioritize  
18 their bottom line over the well-being of our  
19 community. How much more do we have to endure before  
20 enough is enough?

21 It's time for DNREC to say "no" to this  
22 and it's time for DNREC and the state of Delaware to  
23 say "no" to polluters in our community.

24 In conclusion, I urge DNREC and each

1 and every one of you to stand with me in opposition to  
2 Croda's proposal to flare more VOCs pollutants in our  
3 community.

4 My message should be your message and  
5 that is the health and safety of our residents are  
6 non-negotiable. Thank you.

7 MS. VEST: Thank you, Mr. Mohamad.  
8 Appreciate your time.

9 Moving forward, we have Marissa  
10 McClinton.

11 MS. MCCLINTON: Yes. Hello. Before I  
12 start, I got word from Ms. Dora. She's going to be on  
13 under Thalia. And I've checked to see if one of those  
14 two numbers that are on the call are hers, but that's  
15 just my update from that part --

16 MS. VEST: Okay. Excellent. Like I  
17 said, Ms. McClinton, as soon as you get done, we're  
18 going to go back through the list of preregisters.

19 So hopefully -- I certainly don't want  
20 to miss her, but we'll take every effort to make sure  
21 Dora gets her three minutes.

22 MS. MCCLINTON: Thank you.

23 MS. VEST: So thank you for that. You  
24 may begin when ready.

1 MS. MCCLINTON: Okay. Thank you.

2 Hello. My name is Marissa McClinton.  
3 I'm the environmental justice associate organizer with  
4 the Sierra Club Delaware chapter.

5 I'm here in solidarity with the  
6 community members who have been concerned about their  
7 air quality and health for far too long, but I  
8 understand that the hopes for this proposed flare are  
9 to reduce the amount of VOCs during upset conditions.

10 It is important to note that flares  
11 bring their own host of air quality concerns to the  
12 communities they operate in.

13 It is my hope that Croda continues to  
14 explore more solutions to prevent these upset  
15 conditions and that this flare does not become a  
16 crutch that distracts from the larger goal of  
17 decreasing the plant's overall emissions and  
18 protecting the health of the surrounding community.

19 I echo the calls of community members  
20 who have asked for, as a condition of the permit being  
21 approved, consistent air quality monitoring systems  
22 and avenues to pivot if it is found that emissions are  
23 not improving after the flare has been in use for two  
24 years -- in an adequate amount of time to get a



1 picture of the impact.

2 It is equally important that the data  
3 for these monitoring stations if verifiable by a third  
4 and a neutral party and that the readings are publicly  
5 available so that people have a real-life picture of  
6 the air they are breathing.

7 It is in everybody's best interest to  
8 know what is in their air and I support the efforts of  
9 folks living along the Route 9 corridor to achieve  
10 just that and more. Thank you for your time and  
11 consideration.

12 MS. VEST: Thank you, Ms. McClinton.

13 At this point we're going to go back  
14 through the list and see if any of the people that we  
15 passed previously are here.

16 At this point I'm going to ask if we  
17 can see if Martin Willis ever showed up. I do not  
18 recall seeing him log on later, but if somebody could  
19 double check that for me. Let me know.

20 MS. DAVIS: I do not see him.

21 MS. VEST: Yeah. I'm scrolling as  
22 well. So let's move on. Do we see Stephanie Heran?

23 MS. DAVIS: No.

24 MS. VEST: I do not see her either.

1 MS. DAVIS: Unless she's one of the  
2 numbers, but I do not see a name for her.

3 MS. VEST: I'm looking at the number  
4 that Ms. Heran registered with and that's not one of  
5 them. So I'm looking at that as well. So we're going  
6 to have to pass on her.

7 Dora, that means you're up again. So,  
8 Ms. Williams -- let's see if we can find that again.

9 I know that Ms. McClinton said that she  
10 would be logging on under another name.

11 MS. DAVIS: Or a phone number. I'm not  
12 sure if one of them are hers that are listed.

13 MS. VEST: Dora, if you are out there,  
14 could you please raise your hand or show us somehow  
15 that you're here? Because right now, we still don't  
16 see anybody coming through in the attendance.

17 MS. MCCLINTON: Ms. Dora said that she  
18 doesn't have audio. She's going to leave and then  
19 come back and hope that fixes it.

20 MS. VEST: Okay. Okay.

21 MS. MCCLINTON: Thank you.

22 MS. VEST: That's fine. Thank you,  
23 Marissa. We'll give her just another minute or so.  
24 Like I said, you know, if she took the time to

1 preregister, I certainly don't want to exclude her  
2 from the proceedings tonight.

3 And just so it's clear: I see when  
4 anybody re-enters. And I'm not seeing anybody  
5 re-enter. So I'm not sure what the difficulty is  
6 here.

7 Let me say a couple words moving  
8 forward, because if we can't get Ms. Williams on and  
9 Mr. Willis and Ms. Heran are still not here, you know,  
10 we're going to go ahead and move toward closing  
11 tonight's proceedings at this time.

12 So while I'm kind of stretching the  
13 time to give Dora every opportunity here, I do want to  
14 thank you everybody for coming out. The comments  
15 obviously are important for DNREC.

16 The good news, like I said previously  
17 however, is even if you didn't get the opportunity to  
18 preregister or even if life happened or technological  
19 difficulties happened tonight, no one is prejudiced in  
20 any way from not being able to be heard tonight  
21 because you certainly can submit your written comment.

22 They will be incorporated into record  
23 and put right on the hearing page as soon as they are  
24 received. Of course if it comes in over the weekend,

1 they'll go up on Monday.

2 But we care. We want to hear what the  
3 people say and what the people believe and feel  
4 regarding this permit.

5 And there are a variety of ways -- I'll  
6 just go ahead and say this now, while we're hoping  
7 that Dora can make that connection: Comments must be  
8 submitted to DNREC, like I mentioned before. We don't  
9 partner with any third-party sources.

10 And there's a variety of ways that you  
11 can submit the comment. They can be submitted through  
12 a comment link on the hearing page. If you go to the  
13 hearing page, it'll say "Click here to offer comment."  
14 You can do it that way. You can send it by e-mail to  
15 dnrechearingcomments@delaware.gov.

16 Or you can send it to me through the  
17 post office through the USPS at the physical address  
18 for DNREC that's listed not only on the notices  
19 regarding tonight's hearing, but just put it to me at  
20 the Office of the Secretary. It's 89 Kings Highway,  
21 Dover, Delaware 19901.

22 I should note that written comments to  
23 DNREC may not be submitted through normal social media  
24 platforms, such as Twitter -- we should probably say

1 "X" at this point -- Facebook, YouTube, or text  
2 messaging.

3 They don't count, but the ways that I  
4 did say -- you know, jumping off on the comment link  
5 on the hearing page;  
6 dnrechearingcomments@delaware.gov; or send it to me  
7 via the mail.

8 And like I said, all comment bears the  
9 same weight. And it's a matter of anything between  
10 now and May 10th, it all comes in.

11 I see that there's a staff member that  
12 has a question.

13 Eric, did you want to ask a question?

14 MR. ROWLAND: Yes.

15 After our presentation, I've reviewed  
16 and I have found that we have double clicked over a  
17 slide and missed one slide. I wanted to ask if we  
18 could read that into the record.

19 MS. VEST: Absolutely. Good catch. We  
20 certainly want it to be complete.

21 MR. ROWLAND: Let me go ahead and share  
22 my screen.

23 MS. VEST: Yep. You still have the  
24 ability to do that. Correct?

1 MR. ROWLAND: Yes.

2 MS. VEST: Okay.

3 MR. ROWLAND: So I'm going to back up  
4 here. Found right here that we missed this slide.

5 MS. VEST: Okay.

6 MR. ROWLAND: So emissions from the  
7 operation of this particular flare system in both the  
8 idle and the activated modes combined shall not exceed  
9 2.6 tons per year of nitrogen oxides; 0.02 tons per  
10 year of sulfur oxides; 2.2 tons per year of carbon  
11 monoxide; 0.1 tons per year of volatile organic  
12 compounds; and 0.2 tons per year of particulate  
13 matter.

14 The emissions from the flaring of waste  
15 gases that are sent to the flare systems shall be  
16 subject to existing permit and regulations.

17 MS. VEST: Okay.

18 MR. ROWLAND: And that concludes what  
19 we missed.

20 MS. VEST: Okay. Great. Thank you,  
21 Eric. I appreciate making it complete.

22 MR. ROWLAND: No. Thank you.

23 MS. VEST: That being said, we're going  
24 to try this one last time. I have been scrolling. I

1 do not see Mr. Willis. So apologies for missing him  
2 as well as Stephanie Heran.

3 I trust that both of them will be able  
4 to submit written comment over the next couple weeks.

5 And we're still trying to figure out  
6 where Dora Williams is. Amanda, Monica, do we see her  
7 anywhere?

8 MS. FIBELKORN: No. I do not.

9 MS. VEST: Okay. Okay. Well, at this  
10 point I think we've given every chance.

11 Ms. Williams, I do apologize that the  
12 technology wasn't there for --

13 MS. WILLIAMS: -- my statement, I will  
14 make that comment.

15 MS. SMITHERS: Ms. Williams is on --  
16 this is Sandra Smithers. Ms. Williams is on my  
17 computer.

18 MS. VEST: Oh, okay. Excellent.  
19 Excellent.

20 Dora, I am so glad that you were able  
21 to finally, you know, make the connection.

22 Amanda, Monica, if you will get the  
23 timer ready.

24 MS. FIBELKORN: Mm-hmm.

1 MS. VEST: Dora, we will get that  
2 hooked up for you and then as soon as that's good to  
3 go, I'll tell you when to start.

4 Okay. You should see the circles now.  
5 You may begin whenever you want to.

6 MS. WILLIAMS: Okay. I can begin now.  
7 Thank you so much. First, you couldn't hear me. And  
8 then I couldn't hear you. And --

9 MS. VEST: It's okay. I'm glad we got  
10 you.

11 MS. WILLIAMS: Me too. Okay.

12 First of all, I'd like to say that I  
13 agree. I agree with Marissa. I agree with Jakim. I  
14 agree with John. And I certainly agree with Bill  
15 Dunn.

16 I think that with the flare, there has  
17 not been enough education from Croda on the process  
18 itself. And as we look at it, the process itself  
19 might cause as much of a problem as not having would  
20 cause and -- which would be the pollutants go to the  
21 air. At least we know that the pollutants are going  
22 to the air and it's supposed to be monitored.

23 I think that the answer to this is to  
24 get a monitor for the two years, as Marissa had



1 said -- and also Bill Dunn.

2 And I certainly agree with Jakim: This  
3 is the pinnacle. I think is this the straw that broke  
4 the camel's back. And I think we've had enough. And  
5 I think that this -- the education should be there,  
6 the monitors should be there to prove to us that  
7 nothing is being done to harm us.

8 And that's the only way to prove it. I  
9 think it's the perfect solution. And like Marissa  
10 said, after two years, there's nothing -- then okay.  
11 We can go with it, but if not then I think it's not a  
12 done deal. I don't think this should be a done deal.

13 MS. SMITHERS: -- trust.

14 MS. WILLIAMS: And they do need to  
15 build trust. And to go forward with this is a -- it's  
16 an intention to not to listen to the community.

17 You know, sometimes, we haven't -- that  
18 we're not -- we don't intend to do something. It's  
19 not intentional, but this would be -- after hearing  
20 the community speak, if they would even have  
21 another -- or we could appeal this and have other  
22 people come in and speak.

23 I don't think we really had enough time  
24 to garner enough people to come in and speak about the

1 process in itself.

2 But not even have environmental justice  
3 experts to come in because now, we're just leaning on  
4 what Croda is saying and what DNREC's experts are  
5 saying. But that's sort of one-sided to me.

6 I think that our environmental justice  
7 experts and researchers should have a say, that our  
8 allies should have a say in what happens with us,  
9 because things have not seemed to turn out the way  
10 they should have.

11 So -- yeah. I'm all for that  
12 monitoring for a couple years. I'm all for, you know,  
13 having more education. And if this doesn't work, I'm  
14 also all for the appealing as well.

15 Thank you very much.

16 MS. VEST: Thank you, Ms. Williams.  
17 And again, I am very happy that the connection finally  
18 got made for you.

19 MS. WILLIAMS: Mm-hmm.

20 MS. VEST: So thank you again --

21 MS. WILLIAMS: I am too. I am too.

22 Thank you.

23 MS. VEST: Thank you for your time.

24 Again, I want to thank everybody as

1 well for tuning in tonight. There's certainly a lot  
2 of information. The comments were good. The comments  
3 are absolutely relevant. And the Department  
4 appreciates the public's interest in this.

5           Once again, there are three different  
6 ways that you can offer comment. If you'd go to the  
7 hearing page, there'll be a box that says "Click here  
8 to offer comment."

9           That's the DNREC comment form and it'll  
10 come straight to a secure inbox that I alone look at  
11 and I can get it and get that comment posted on the  
12 web. You can also do a e-mail to that inbox at  
13 dnrechearingcomments@delaware.gov, as the slide shows.  
14 Or you can send it to me by mail care of DNREC Office  
15 of the Secretary, 89 Kings Highway, Dover, Delaware.

16           And once again, I would encourage  
17 everybody to check out the hearing webpage that's  
18 dedicated to this matter.

19           Again, if you'd go to DNREC's website,  
20 you'd go to the Admin Law tab of that website, and  
21 looking for Public Hearings. The actual link you'll  
22 see at the bottom of this slide is  
23 de.gov/dnrechearings. And just scroll down.

24           All of our hearings have a dedicated

1 page for each one of them and they're in chronological  
2 order from the most-recent being at the top. So this  
3 one and a couple more that are pending later on this  
4 week, they're all right at the top.

5 So I would encourage everybody to check  
6 that out and read the comments too, you know? And  
7 that way, you can comment on something that someone  
8 else commented on, if you want to.

9 Whether it came tonight, whether it  
10 comes in between now and May 10th, as long as we get  
11 it before May 10th and it's relevant to the subject  
12 matter of this hearing, it will be incorporated into  
13 the record.

14 I want to thank the members of the  
15 Department for their efforts in bringing the  
16 information forward tonight. I also want to thank the  
17 Applicant for providing that presentation.

18 Again, everyone, thank you for your  
19 time. Have a fantastic evening. This hearing is  
20 hereby adjourned.

21 (Whereupon, the meeting concluded at  
22 7:06 p.m.)

23  
24

CERTIFICATE

1  
2 I, SAMUEL HAUT, the officer before whom the  
3 foregoing proceedings were taken, do hereby certify  
4 that any witness(es) in the foregoing proceedings,  
5 prior to testifying, were duly sworn; that the  
6 proceedings were recorded by me and thereafter reduced  
7 to typewriting by a qualified transcriptionist; that  
8 said digital audio recording of said proceedings are a  
9 true and accurate record to the best of my knowledge,  
10 skills, and ability; that I am neither counsel for,  
11 related to, nor employed by any of the parties to the  
12 action in which this was taken; and, further, that I  
13 am not a relative or employee of any counsel or  
14 attorney employed by the parties hereto, nor  
15 financially or otherwise interested in the outcome of  
16 this action.



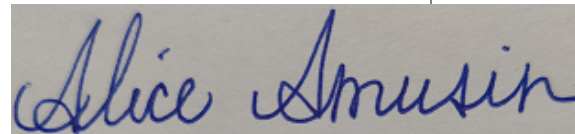
17 SAMUEL HAUT

18 Notary Public in and for the  
19 Commonwealth of Pennsylvania  
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CERTIFICATE OF TRANSCRIBER

I, ALICE AMUSIN, do hereby certify that this transcript was prepared from the digital audio recording of the foregoing proceeding, that said transcript is a true and accurate record of the proceedings to the best of my knowledge, skills, and ability; that I am neither counsel for, related to, nor employed by any of the parties to the action in which this was taken; and, further, that I am not a relative or employee of any counsel or attorney employed by the parties hereto, nor financially or otherwise interested in the outcome of this action.



ALICE AMUSIN

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