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DHEC PUBLIC HEARING

BRANDT AGRICULTURAL BUILDING, ALLENDALE

PROJECT: Draft Air Construction Permit,  
PyraMax Ceramics, L.L.C.

DHEC PUBLIC HEARING, TAKEN BEFORE NICOLE C.  
GLEATON, A NOTARY PUBLIC IN AND FOR THE STATE OF SOUTH  
CAROLINA, COMMENCING AT THE HOUR OF 7:28 P.M., JANUARY  
19, 2012, AT THE BRANDT AGRICULTURAL BUILDING, 398 OLD  
BARNWELL ROAD, ALLENDALE, SOUTH CAROLINA.

REPORTED BY  
NICOLE C. GLEATON

1 APPEARANCES

2 DHEC REPRESENTATIVES

3 Karen Sprayberry, Hearing Officer  
Elizabeth J. Basil, Director  
4 Steven McCaslin, Section Manager  
George Robinson, Permit Writer  
5 Lawra Boyce, Participation Liaison  
Soraya Purvis, Public Information Specialist

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9 EXHIBITS

10 (No Exhibits were marked during this hearing.)  
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1 PROCEEDINGS

2 STATEMENT BY HEARING OFFICER:

3 HEARING OFFICER: Good evening. It is now 7:28 p.m on  
4 Thursday, January 19, 2012, and this public hearing  
5 regarding the Draft Air Prevention of Significant  
6 Deterioration Construction Permit for PyraMax Ceramics,  
7 L.L.C. This meeting is now called to order. For the  
8 record, this facility's proposed location will be at 2636  
9 Augusta Highway in Allendale County.

10 My name is Karen Sprayberry. And I am the Hearing  
11 Officer for this meeting, and I work within the South  
12 Carolina Department of Health and Environmental Quality  
13 Control. On behalf of DHEC, I would like to welcome you to  
14 our hearing.

15 Before I go any further, I have a few items I need to  
16 address. At this time I would ask that you please turn off  
17 or silence your cell phones so that you do not disturb  
18 others during the hearing. Next, if you have not done so  
19 already, I encourage each of you to sign the attendance  
20 sheet located at the sign-in table. By signing in, this  
21 will ensure that DHEC has a complete record of everyone who  
22 attended this hearing. We have asked for your mailing or e-  
23 mail addresses on the sign-in sheet so that we can notify  
24 you of any future information regarding this proposed  
25 permit. Third, when you signed in, you should have received

1 a folder or with information pertaining to this hearing. If  
2 you did not receive one of these, please raise your hand and  
3 one of our staff will bring you a folder. This folder has  
4 various pieces of information that you may find useful,  
5 including an agenda for this hearing, a list of DHEC staff  
6 with their contact information, and a pre-addressed comment  
7 form, should you need it.

8 A court reporter is here this evening to record the  
9 hearing. She will be responsible for preparing a written  
10 report of the hearing. This transcript will serve as the  
11 official record for this public hearing. If at some later  
12 time you are interested in reviewing this transcript, you  
13 may request to see it.

14 It is important that you know the requested air permit  
15 has not been approved. DHEC staff will use the verbal  
16 comments received tonight, along with the written comments  
17 received to make a decision. The decision will not be made  
18 by popular vote. All comments received will be reviewed by  
19 DHEC staff prior to making a permit decision, so your input  
20 is very important. A decision as to whether or not the air  
21 permit will be approved, modified, or denied will not be  
22 made tonight during this hearing. The purpose of this  
23 hearing is to provide a formal opportunity for you to give  
24 us your verbal and/or written comments concerning this  
25 proposed permit. This is also an opportunity for DHEC staff

1 to present information to you about the proposed permit.  
2 Please note that the draft permit has been written to ensure  
3 that PyraMax can construct and operate in compliance with  
4 State and Federal air quality regulations. These  
5 regulations are in place to protect human health and  
6 welfare, and to ensure that air quality standards are  
7 maintained. We recognize that some of you may have concerns  
8 and/or strong feelings for or against this proposed permit.  
9 However, please understand that during this hearing, because  
10 this is not a question and answer session, we will be unable  
11 to address your questions and/or comments. This is  
12 considered a formal hearing where you will be able to make  
13 statements for or against or express concerns and/or  
14 recommendations, and they will be recorded for review by  
15 DHEC at a later time. To be sure that everyone has the  
16 opportunity to be heard, questions will not be answered by  
17 DHEC staff during the public hearing. However, after the  
18 hearing, DHEC will be available to address any of the  
19 questions.

20 We welcome your comments this evening. If you have  
21 decided to make any comments, you should have noted this on  
22 the sign-in sheet when you came in. I will call your name  
23 and you can come up to the podium and speak. You will have  
24 an opportunity to speak for five minutes as you provide your  
25 comments about the proposed permit. If you are unsure at

1 this time if you will be making comments, that's okay, too.  
2 I will call on everyone who has indicated that they do want  
3 to comment first. Afterward, I will give anyone else who  
4 has not had a chance to speak tonight the opportunity to  
5 come forward. Please remember that this time will only be  
6 for those who have not yet spoken. Again, these individuals  
7 will also have five minutes to provide their comments.  
8 Prior to making your comments at the microphone, I would ask  
9 that each of you clearly state your name and/or organization  
10 you are representing, if any if you're representing one for  
11 documentation purposes. If you have a written copy of your  
12 comments and don't mind sharing those with them, please give  
13 them to me when you have finished speaking. Written  
14 comments are also welcome after this meeting until the  
15 public comment period and may be given to me tonight, or you  
16 may submit written comments directly to DHEC staff before  
17 the deadline. All written comments must be received by DHEC  
18 no later than close of business 5:00 p.m., on Thursday,  
19 January 26, 2012. Again, that date is January 26, 2012. If  
20 you have questions related to submitting written comments,  
21 please see a DHEC staff member before you leave.

22 So that tonight's hearing moves forward in a timely and  
23 orderly fashion, I would like to cover some general  
24 guidelines that have been established: 1) There will be no  
25 cross examination or questions and answers while a

1 presentation or comment is being made. 2) All comments  
2 tonight will be made from the microphone. 3) So that  
3 everyone has an opportunity to speak, your comments should  
4 not exceed more than five minutes per individual, if  
5 possible. Please remember that the quality of what each  
6 person is saying is what's important tonight, not how many  
7 people say the same thing. If you have already provided  
8 written comments, it is not necessary to also provide verbal  
9 comments during this hearing. We ask that each speaker be  
10 given a fair opportunity to present his or her views without  
11 interruption. We will not allow disruption in the order of  
12 this hearing.

13 For this hearing, we will proceed in the following  
14 order: First, George Robinson, with DHEC's Bureau of Air  
15 Quality, will explain the Department's draft permit.  
16 Second, I will then call on individuals who have indicated  
17 on the sign-in sheet that they would like to make a comment.  
18 Speakers will be heard in the order in which they signed in.  
19 Third, for anyone who has decided during the course of the  
20 evening that they would like to make a comment, but did not  
21 indicate their intention to speak on the sign-in sheet when  
22 they came in, will be called upon at random by raising their  
23 hand. Please remember that this time will only be for those  
24 who have not spoken yet. Should any statements begin to  
25 digress from the intent of this hearing, I will interrupt

1 the speaker and ask him or her to limit their comments to  
2 the technical issues regarding this draft permit. I ask  
3 that each speaker be allowed to present his or her views  
4 without interruption. I will not allow disruptions to alter  
5 the intent of this hearing. Each person who has requested  
6 to participate here tonight must be given a fair opportunity  
7 to provide his or her presentation or comment.

8 I will now call on Mr. Robinson of the Bureau of Air Quality  
9 within DHEC, who will be giving a brief overview of the  
10 draft permit that is being proposed this evening.

11 PRESENTATION

12 MR. ROBINSON: Good evening, my name is George Robinson.  
13 I am a permit writer in the Bureau of Air Quality within the  
14 South Carolina Department of Health and Environmental  
15 Control. A public hearing is a formal process when the  
16 public can comment verbally or in writing on the proposed  
17 permitting action. All comments received during a public  
18 hearing are documented. A written transcript is prepared  
19 after the hearing. DHEC will take into consideration any  
20 pertinent technical comments received during a public  
21 hearing in any final permit determination.  
22 The DHEC Bureau of Air Quality must base its permit decision  
23 on whether the facility can meet the State and Federal  
24 regulations, which are set to protect public health and the  
25 environment. Technical comments that can influence a

1 permitting action include inaccuracies in the permit  
2 application that would prevent the facility from meeting the  
3 air regulations, technical errors in the draft permit,  
4 inadequate requirements in the draft permit, or additional  
5 pollution control methods based on testing and monitoring  
6 data from similar facilities.

7         The Bureau of Air Quality understands that citizens may  
8 have concerns about noise, traffic, land use, and other  
9 issues that may affect quality of life. While we do not  
10 have the authority to consider these issues in the air  
11 permitting decision process, we encourage you to get  
12 involved in your local zoning and planning organization to  
13 raise these kinds of concerns.

14         A Prevention of Significant Deterioration permit  
15 application or PSD permit application was received on  
16 September 16, 2011 from PyraMax Ceramics, L.L.C. A  
17 technical review was then conducted by the Bureau of Air  
18 Quality to determine if the facility, as proposed, could  
19 meet the State and Federal Air Quality requirements. A  
20 permit was drafted based on those regulatory requirements.  
21 On December 15, 2011 a public notice was placed into the  
22 Allendale Sun newspaper. This public notice announced that  
23 the draft permit was available for review and announced the  
24 date of this public hearing. The public comment period is  
25 scheduled to close on January 26, 2012. The Bureau of Air

1 Quality will then consider comments and make a final permit  
2 decision.

3 As has been indicated, the purpose of the meeting this  
4 evening is to receive input from you, the public, regarding  
5 the Draft PSD Construction Permit for PyraMax Ceramics,  
6 L.L.C. Before the floor is opened for comments, I will  
7 briefly review the application and the Bureau's draft  
8 decision.

9 PyraMax Ceramics or PyraMax is proposing to construct a  
10 ceramic proppant manufacturing facility at 2336 Augusta  
11 Highway, Allendale, Allendale County, South Carolina. The  
12 Proppant plant will produce ceramic beads for use in the oil  
13 and natural gas industry. The facility will consist of four  
14 identical processing lines, each line consisting of: 1) A  
15 Raw Material Storage and Handling Area. In this area, the  
16 clay is received in trucks and stored in covered sheds. 2)  
17 A Feedstock Preparation Area. In this area the clay is  
18 suspended in water as a slurry. 3) Pelletization Process.  
19 In this process the clay slurry is converted into small  
20 bead-like pellets, utilizing a total heat capacity of 75  
21 million BTU/hr. 4) Next, is a Green Pellet Screening. In  
22 this process, properly sized product continues to the kiln.  
23 5) Rotary Kiln Calcination/Sintering. In this process the  
24 pellets are fired to achieve desired physical properties,  
25 utilizing a total heat input capacity of 56.8 million

1 BTU/hr. 6) Product Finishing. This process begins with  
2 final screening of the finished product. Properly sized  
3 product then goes to finished storage silos. Shipment of  
4 product is achieved by either railcar or truck.

5 The proposed proppant manufacturing facility will be a  
6 major source under the Prevention of Significant  
7 Deterioration, PSD program. I will refer to Prevention of  
8 Significant Deterioration as PSD from here on out. A major  
9 source is a new source that has the potential to emit over  
10 250 tons per year of any of the listed PSD pollutants. The  
11 proposed process is major for the PSD pollutants:  
12 particulate matter or PM; sulfur dioxide or SO<sub>2</sub>; nitrogen  
13 oxides or NO<sub>x</sub>; carbon monoxide or CO; volatile organic  
14 compounds or VOC, and carbon dioxide equivalent or CO<sub>2</sub>  
15 equivalent, also called CO<sub>2</sub>e. Carbon dioxide equivalent is  
16 a group of greenhouse gases including carbon dioxide,  
17 nitrous oxide, and methane. Please see Table 1 in your  
18 hand-out where we have the PSD pollutants that are part of  
19 this review listed. And the two tables that I will refer to  
20 are at the back of your packet. The basic goals of the PSD  
21 regulations are: 1) To ensure that economic growth will  
22 occur in harmony with the preservation of existing clean air  
23 resources, to prevent the development of any new  
24 nonattainment problems. 2) And to protect the public health  
25 and welfare from any adverse effect which might occur even

1 at air pollution levels better than the national ambient air  
2 quality standards. The PSD permitting process requires: 1)  
3 The establishment of the best available control technology.  
4 2) And it requires that an ambient air pollution levels  
5 better than the national ambient air quality analysis is  
6 conducted. The control technology analysis is done for each  
7 PSD pollutant for each manufacturing process. The admission  
8 limit is case by case and considers energy, environmental,  
9 and economic impacts in determining the maximum degree of  
10 emission reduction for a given process, a detailed search is  
11 performed using EPA's clearing house of all similar  
12 facilities or processes emitting similar pollutants.  
13 Through a step by step process, this review must identify  
14 the best available control device and control technology.  
15 Based on the chosen controls, an emission limit or a work  
16 practice standard is established.

17 Please refer to Table 2 in your handout. This table  
18 refers to the draft BACT requirements for this facility. The  
19 table lists each manufacturing process and the emission  
20 limits, required controls and control technology designated  
21 for that process. Since there are several processes at this  
22 facility, I will highlight BACT for the calcining/sintering  
23 kiln, one of the main processes. For the kiln, BACT  
24 technology is proposed to be a catalytic baghouse. A  
25 catalytic baghouse uses ceramic tubes as the filter

1 media instead of fabric bags as in a normal dust  
2 collector. In addition to particulate matter, the  
3 catalytic baghouses will also control: NOx at a control  
4 efficiency of 80 percent. SO2 at a control efficiency of 90  
5 percent.

6 BACT for carbon dioxide equivalent was determined  
7 to be an energy efficient design, which saves fuel and  
8 lowers greenhouse gas emissions. Part of that design is  
9 recovering heat from the kiln to assist in heating the  
10 pelletizing process. Also, natural gas with propane as  
11 backup fuel is BACT for carbon dioxide equivalent.  
12 Good combustion practices were determined to be BACT for  
13 control of carbon monoxide and volatile organic  
14 compounds. The permit requires stack testing and  
15 monitoring to ensure compliance.

16 The second portion of the PSD process is the air  
17 quality analysis. The main purpose of the air quality  
18 analysis is to demonstrate that new emissions emitted  
19 from a proposed major source will not cause or  
20 contribute to a violation of any national ambient air  
21 quality standard. The national ambient air quality  
22 standards, or NAAQS, are pollutant concentrations set by  
23 the EPA to be protective of public health and welfare.  
24 The facility demonstrates compliance with NAAQS through  
25 an EPA-approved air dispersion computer model. The

1 facility must use their worst case emissions, meaning  
2 maximum expected emissions with the plant running at full  
3 production. The model takes into account local weather  
4 data and adds existing measured background pollutant  
5 concentrations. The results are that PyraMax will not  
6 cause or contribute to a violation of any NAAQS.  
7 The modeling had initially predicted NAAQS exceedances  
8 at other facilities for NO<sub>2</sub>, SO<sub>2</sub> and PM. As an update to  
9 the draft permit, we reviewed the modeling inputs and  
10 found that emissions from two off site facilities were  
11 double counted.

12 Also, we obtained true PM 2.5 emissions for some of  
13 the offsite sources and refined the NO<sub>2</sub> modeling for a  
14 more realistic conversion of NO<sub>x</sub> to NO<sub>2</sub>. As a result of  
15 these refinements to the modeling, there are no  
16 predicted exceedances of any air quality standard in the  
17 ambient air at PyraMax or any other facility.

18 The next part of the air quality analysis is a  
19 demonstration that emissions would not violate the PSD  
20 increment. Where the NAAQS is a ceiling on total  
21 pollutant concentration, including new and existing  
22 sources, the PSD increment is an additional cap on the  
23 air quality in the area. It is the maximum allowable  
24 concentration increase in an area. These pollutant  
25 concentrations are set by the EPA. The emissions from the

1 proposed facility are combined with other area sources. The  
2 results are that there are no exceedances of any PSD  
3 increment from the proposed facility.

4 This permit also requires a case by case maximum  
5 achievable control technology review, or MACT, for the  
6 proposed facility. Case by case MACT is required when a  
7 new source of hazardous air pollutants is a major source  
8 and there is no federal MACT standard. A major source  
9 of hazardous air pollutants (or HAPS) is defined as 10  
10 tons per year of a single HAP and/or 25 tons per year of  
11 total HAPS. The case by case review is similar to a BACT  
12 determination. The emission limitation is established  
13 based on what the best controlled similar source has  
14 achieved in practice.

15 Please refer to Table 1 to view the pollutants that  
16 trigger the case by case MACT regulation. Also, please  
17 refer to Table 2 again of your handout, which refers to  
18 case by case MACT requirements for this facility. The  
19 table lists each manufacturing process and the emission  
20 limits, required controls and control technology  
21 designated for that process.

22 I will briefly summarize MACT, one of the major  
23 processes, the kiln, at the facility. Hydrogen chloride  
24 and hydrogen fluoride are emitted from the kiln process as a  
25 result of thermal formation during the firing of the raw

1 materials. MACT was determined to be a 90 percent  
2 reduction in emissions using the catalytic baghouse as  
3 the control technology. This was based on a reduction  
4 at a similar source.

5 As an update to the draft permit, the natural gas  
6 boilers are now subject to a federal MACT boiler  
7 standard and therefore do not trigger case by case  
8 review. The permit will be updated to reflect the federal  
9 standard.

10 The proposed proppant manufacturing facility will  
11 be subject to PSD and case by case MACT. In addition to  
12 these regulations, the permit reflects the other  
13 applicable federal and state standards. MACT for boilers,  
14 which limits the toxic pollutant emissions.

15 The additional federal regulations include: 1) New  
16 source performance standards which limit criteria pollutants  
17 in a number of processes. 2) MACT for boilers which limits  
18 the toxic pollutant emissions.

19 In addition to the federal air quality standards  
20 that apply, there are also South Carolina State  
21 standards that apply to these proposed processes. The  
22 state standards include: 1) Fuel Burning Standards. 2)  
23 Standards for Process Industries 3) Fugitive Dust Control.  
24 It is PyraMax Ceramics' responsibility to meet all the  
25 federal and state air quality standards. The draft permit

1 describes specific control devices required for the various  
2 processes. Continuous opacity monitoring is required for  
3 each Pelletizer and Calcining kiln. The draft construction  
4 permit requires the facility to limit opacity to 10 percent.  
5 The facility is required to periodically conduct source  
6 performance testing or stack testing on the pelletizers,  
7 calcining kilns, and several of the material handling  
8 units. Stack tests indicate the quantity of each  
9 pollutant being emitted during operation of the plant.  
10 The facility must conduct a stack test showing that it  
11 can meet the Federal emission limits within 180 days of  
12 starting a process. The facility is required to establish  
13 and maintain parametric monitoring on the catalytic  
14 baghouses and the conventional baghouses.

15 The fuel combustion is restricted to fuel type and  
16 specific sulfur content of the fuel. Calculation and  
17 maintenance of 12-month rolling sums for certain pollutants  
18 are also required. The Bureau of Air Quality has the  
19 responsibility to ensure that the facility will meet and  
20 continue to meet the state and federal standards. The  
21 Bureau's responsibility includes, but is not limited to:  
22 records review, maintenance and operational plans, and  
23 stack testing review. Unannounced comprehensive  
24 inspections will be conducted at the facility, if built,  
25 by DHEC personnel to insure compliance with all permit

1 requirements. These inspections are documented  
2 regardless of the findings. The inspection reports are  
3 forwarded to the central office for review and quality  
4 assurance. If permit conditions are not being met, the  
5 facility may be referred to the enforcement process.  
6 If a citizen has a complaint, which can be anonymous,  
7 DHEC regional staff will investigate as soon as possible  
8 and document its findings. DHEC staff will notify the  
9 facility of the complaint to determine if anything  
10 unusual was occurring at the time of the complaint. If  
11 DHEC staff finds that the complaint is a result of a  
12 violation of permit conditions the facility may be  
13 referred to the enforcement process.

14 That concludes the presentation. Thank you for  
15 your attention.

16 HEARING OFFICER: That concludes the presentation  
17 with PyraMax regarding their draft permit. We will now  
18 hear from those who signed up to speak. You will be  
19 called upon in the order that you signed in. Again, I'd  
20 like to remind you to state your name for the court  
21 reporter and the organization representing, if you are  
22 representing one. And if you have prepared remarks  
23 written, after you have spoken, I will be glad to take  
24 those as well after you speak. The first individual I  
25 have on here is Mr. James Pinckney.

## 1 INDIVIDUAL COMMENTS

2 MR. PINCKNEY: Good evening. My name is James Leroy  
3 Pinckney. I'm with the Allendale County Council, and I  
4 have one or two comments I would like to make. One, is  
5 I want to thank the community for showing up. You have  
6 showed up to this hearing, and that's a good sign. But  
7 I want to further go and say that we are talking about  
8 risks. And there isn't anything in this life that we  
9 now live that does not have risks. We have to mitigate  
10 our risks and move forward. I would like to say to you  
11 all -- some of you all here tonight might not even know  
12 that as you walk through our Allendale County for 12  
13 months, you received 360 milligrams of radiation from  
14 the element. And what we all know, when you get enough  
15 radiation, it will kill you. And we have no control of  
16 it. I would like to say, on the other hand, that in our  
17 homes, which we live in daily, our kitchen has enough  
18 chemicals in it to kill almost every individual in this  
19 room. We can move further than that. We can move to  
20 our bathrooms in our house, and it has enough chemicals  
21 to take a horse out. We can leave there and walk to our  
22 room where our washing machine stays. And in that  
23 washroom, there is enough chemicals to almost take out a  
24 total community. I'm not saying that there isn't any  
25 risk in this plant. But I'm going to tell you with DHEC

1 and EPA, they would monitor those risks. And they would  
2 notice that if anything there that shouldn't be there,  
3 they would notify the community. Brothers and sisters,  
4 we don't understand all the things that we moves around  
5 from day to day. We have to have some regulation to  
6 keep us safe. We, right now in this state and this  
7 United States, is already receiving things from Japan  
8 when they had their incident. So we cannot shield  
9 ourselves from risks. All we can continue to do is  
10 mitigate it and live on. Thank you all very much.

11 HEARING OFFICER: The next individual I have is  
12 Glenn Kinard.

13 MR. KINARD: As most of you all now, I grew up right  
14 up the road in Allendale, South Carolina. For 62 years,  
15 I grew up by a railroad track straight out of -- it  
16 carries stuff to the federal government to Savannah  
17 River Site. We downwind and downstream from that site.  
18 You walking outside breathing that air is a lot more  
19 dangerous than any plant I know in Allendale. I'm a  
20 little bit familiar with these two plants in Georgia.  
21 Anybody that is not or doesn't know or hasn't been, they  
22 need to go to Georgia and talk to the people around  
23 those plants, look for yourself. This company is a  
24 community minded company. And me, personally, not  
25 trying to change anybody's mind, it would be a great

1 asset to our community. Thank you very much.

2 HEARING OFFICER: Cheryl Smith.

3 MS. SMITH: I just wanted to say that this total  
4 dust is hazardous to our citizens, our families. It's  
5 not safe, and I just hope that DHEC does more research  
6 and findings to ensure to citizens that it's not a  
7 hazard to our health. And that's it, thank you.

8 HEARING OFFICER: Lottie Carter.

9 MS. CARTER: Declined.

10 HEARING OFFICER: Lonnie Hosey.

11 MR. HOSEY: Good evening. I just have come from  
12 Columbia, and to come here because I'm concerned  
13 about citizens I represent. Tonight, the people of  
14 Appleton and the surrounding community versus County  
15 Council versus PyraMax Ceramics versus DHEC, and all the  
16 other things we have available here with this process  
17 and license and given the air quality permit. I don't  
18 have written remarks. I say to you the citizens, that  
19 it is one part of my job to find jobs for our community,  
20 and it's difficult. I want to tell you how real  
21 difficult it is to bring jobs to a place where  
22 infrastructure is the least in the state, is really,  
23 really hard. And environment is a great part of our  
24 life. We must be considerate of what goes on where we  
25 leave. And you can understand that I'm really tired.

1 Last night and all day yesterday with the session, and  
2 last night with the governor's address. And back there  
3 this morning at 9:00 and came straight from Columbia and  
4 picked up Doris and here. And after awhile you get worn  
5 out. You have a Senator, too, that you need to call on  
6 sometimes. I'm going to tell you that, please. You're  
7 wearing me out. I want to say this, and I'm not angry.  
8 I'm saying that we -- you do me an injustice when you  
9 say, "Where's Lonnie Hosey?" I can't be here all the  
10 time, I just can't be. So I'm taking a personal  
11 courtesy to say this to you, I'm doing the best -- I'm  
12 here all the time. I'm here Monday all day, you know,  
13 I'm here, I'm here. But I want to say to you tonight, I  
14 hear your complaints. I concur with your complaints.  
15 You have to follow the directions that's given so you  
16 can get some answers. DHEC, I say to you now, this is  
17 not the quality of presentation that I would like to  
18 have. Because why? You've got more than air quality  
19 control to deal with. So if you give me a piece of the  
20 pie and pieces of the pie, after awhile you -- the whole  
21 pie come in, and then I don't know what I've done with  
22 it, the pie. You really passed me by with all the  
23 information. And some of this information is over our  
24 heads, I'm going to tell you. It really is. And as  
25 citizens, we need to -- you need to slow down here until

1 you get the -- really approval of these citizens, who  
2 live in that area. I don't live there. But get the  
3 approval of those citizens who live in the area. And I  
4 want to say that it is important that we do that.  
5 That's why I'm here. Just one of those things that we  
6 must do. You have a quality sheet, and you say  
7 something did we follow the process, and what's the next  
8 step. Did the speakers the language that we could  
9 understand and all that? I cannot answer if I don't  
10 feel that is clear. And so air quality, water quality,  
11 or whatever it is, ground water. We need to put it all  
12 together. You don't need to give us part of it here  
13 tonight in this case. Bring the whole thing, and we'll  
14 stay all day until we get a full understanding of what,  
15 you know.

16 HEARING OFFICER: Calvin Smith.

17 MR. SMITH: Hello, I'm Calvin Smith. This is  
18 supposed to be questions -- is this questions for DHEC?

19 HEARING OFFICER: No, this is for you to make a  
20 statement.

21 MR. SMITH: Oh, okay. Well, as far as the  
22 information that was given, I didn't quite understand  
23 it. And I don't consider myself to be the smartest guy,  
24 you know, but I can make sense of a lot of things. And  
25 it's just, to me it's a lack of, I guess, a lack of

1 explaining everything. Like Mr. Hosey says, they break  
2 it up into little pieces that, you know, you think  
3 you're for something in one aspect and whatever it --  
4 when you bring it all together, it's -- it's don't hold  
5 with everything else. So I'm just glad to see everybody  
6 here and thank y'all for coming.

7 HEARING OFFICER: Henry Moseley.

8 MR. MOSELEY: Good afternoon, I'm Henry Moseley.  
9 And I recently came to Allendale in hopes that this  
10 community will come together and find ways and solution  
11 -- how to best provide this situation. And it's been  
12 going on here for a long time for no jobs and lack of  
13 economic growth. This plant here, it do spell out jobs.  
14 But at the same time, it's spelling out unclear future  
15 with these chemicals and with things that we don't  
16 understand clearly. So we do need to investigate a  
17 little bit more. I looked at the paper and all the  
18 stats myself, and I'm not a chemistry major or anything  
19 like that, but I know for a fact that they talking about  
20 some powerful stuff. And our breathing quality and the  
21 air quality, we need to know that with water seepage and  
22 everything -- where the plant will eventually cause  
23 itself to have runoffs into the streams and into the  
24 wells. So we have to be very careful. I understand now  
25 that Allendale water quality is already at a worse state

1 that it could ever be. So if you've got a plant that's  
2 going to -- you mentioned stuff that's going to go into  
3 the air that causes our future which is our children as  
4 the lady spoke about earlier. We must investigate.  
5 They're giving us until when, Thursday of next week, to  
6 resolve our comments to them. We need to put DHEC more  
7 in the spotlight. We have to put them in the spotlight  
8 to let them give us the proper information that we need  
9 more clear. I would suggest that this community start  
10 talking to people that really have the right  
11 information, so that we can know how to rightly provide  
12 what is being said and truthfully. Sure, we need jobs.  
13 We need resources properly. And, therefore, we need to  
14 know what we are doing. And not just let someone just  
15 come in to your community, our community -- I look to be  
16 a citizen here real soon. And so, therefore, I'm really  
17 saying it from the bottom of my heart, that we need to  
18 investigate this here more thoroughly. Thank you.

19 HEARING OFFICER: Cynthia Blackenship.

20 MS. BLACKENSHIP: I'm new to Allendale. I've only  
21 been here for a couple years in Appleton. And I am  
22 really into green stuff. I like everything natural. I  
23 don't like pollution. I think we do need to look into  
24 this. As far as I know, Allendale needs all the jobs it  
25 can possibly get. Barnwell needs all they can get,

1 Hampton needs all the jobs they can get. This is a bad  
2 time for everybody. And we do need to look into the air  
3 quality, the water quality, everything that's going to  
4 run on for us. And I'm for a plant coming, for  
5 anything, for any kind of job, anything that can help  
6 our community, help our children. And I just -- I think  
7 we need to look into it, check into it and look out for  
8 what's best for everybody here.

9 HEARING OFFICER: Chris Smith. Chris Smith? Oliver  
10 Cohen.

11 MR. COHEN: Good evening. My name is Oliver Cohen,  
12 and I'm a lifelong resident of Allendale, Town and  
13 County. I had not planned to say anything this evening.  
14 But prior to coming to this meeting, I had very or  
15 little knowledge of what on earth was this plant  
16 supposed to be doing or what it was supposed to be  
17 about. But we all agree the information that was given  
18 to us and that's all these chemicals that would be  
19 involved, and my job -- my lifelong job at Savannah  
20 River Site was dealing with chemicals and various things  
21 like this. And I realize how serious this matter is.  
22 We do need jobs in Allendale. And these -- this process  
23 can be controlled properly if monitored properly. And  
24 the filtration system is of a quality that will keep it  
25 in check. That's my concern. That's my lifelong

1 concern, and that's my concern tonight. If we can be  
2 assured that the process will not be a hazard to our  
3 health in the air, the water, whatever, then I'm all for  
4 it because we do need jobs. And, you know, this plant  
5 could be a tremendous asset for us. But don't let it be  
6 to our detriment because we do need jobs. So I'm asking  
7 and I'm going to leave my email address with DHEC to  
8 send me some information about this because while this  
9 is a lot of information, really it's nothing when you  
10 think about the seriousness of what we're talking about.  
11 This is nothing. We need more details. I need to know  
12 some limits, some threshold limits. Well, I just need  
13 to know more information. Thank you very much.

14 HEARING OFFICER: Now, I will ask anyone who has  
15 decided through the course of the evening if they would  
16 like to make a statement to please raise your hand.  
17 Okay. You need to come up to the podium, and then  
18 you'll have five minutes and state your name.

19 MR. LOTT: Good evening, my name is Mark Lott. I  
20 just wanted to say to the citizens, especially the  
21 leaders in the community, kind of between a rock and a  
22 hard place. It's tough. Yes, we need jobs. Of course,  
23 we need jobs. I took Physics, Chemistry, Calculus I,  
24 II, III, and IV. I was given this paper when I got  
25 here. I mean, some of this is Greek to me. And as I

1 stated earlier, everything sounds good until you're  
2 affected. I fought for my country in a war, and I got  
3 affected. And I have to travel all over the country to  
4 receive healthcare. I have -- and what puzzled me is --  
5 is I look at the sequence of events, and mostly this is  
6 probably more so about a little distrust than anything.  
7 Because, like I said, okay. There's a permit for air  
8 pollution or whatever you call it. Air permit, okay. I  
9 read the paper, and that's in the paper. Then there's  
10 an air permit that's zoned as in agriculture/residential  
11 area. And then you get -- this time for an air permit.  
12 Next time it will be for, I guess, solid waste and then  
13 et cetera, et cetera. But for every problem, there is a  
14 solution. And I state for myself, I'm not here to  
15 represent anybody else. I want -- everybody in here is  
16 my friend as far as I'm concerned. But I'm speaking  
17 from my perspective. I wouldn't want to live near this  
18 plant. Now, in my professional opinion, I think that if  
19 something of this magnitude were put in our industrial  
20 area, I think everybody might be happy. And we could  
21 bring in some jobs. But, like I said, when I look at  
22 the sequence of events, I have a question. I want to  
23 make it to with a clear conscious because I'm - I  
24 considered myself to be very educated. And I just could  
25 not sit back there and not say anything. And at the end

1 of the day, you know, I'm for myself. And, again, I  
2 have to decide would I want to live near this facility.  
3 No. That's why you have industrial parks. And, like I  
4 said, no disrespect to our leaders. I understand you  
5 have a tough task to try to bring jobs in. Whatever --  
6 no matter what you do, you're not going to  
7 satisfy everybody. I mean, I own a business. I pay a  
8 lot of taxes. I would love to get some industry, so my  
9 taxes could be lowered. I would love it. But at the  
10 same time when you're talking about health issues,  
11 one health issue from an incident is too many. Thank  
12 you.

13 HEARING OFFICER: Anyone else who would like to make  
14 a comment? Yes, sir. State your name and you have five  
15 minutes.

16 MR. MOORE: My name is Harry Moore. I'm not  
17 actually -- I wasn't born and raised in this community.  
18 I've grown fond of it. I think from hearing the  
19 information given by DHEC and hear the questions  
20 that were posed, I believe that this is an issue that we  
21 must really, really consider. Yes, we lack jobs. Yes,  
22 we're in a tough economy. Yes, it's a complex  
23 situation. But we aren't to just settle. We're not to  
24 just take anything, you know. We are not common  
25 people, someone told me that. So we are to sit back and

1 evaluate the situation and consider the effects of this  
2 plant. Not just with the people but the plant life, the  
3 ground. You know, everything is considered and we have  
4 to consider - I believe if we sit down and we work with  
5 DHEC and the company, we might find a solution. I don't  
6 believe that it is impossible, but they might -- it  
7 might take more higher regulations than  
8 they're proposing. But we have to work with the  
9 companies. You know, and we have to work with our  
10 community. But if we find that it's a danger to our  
11 families, to the area, we shouldn't vote this in. In  
12 fact, we should picket and make sure that it doesn't get  
13 again. But, again, we have to sit down, and we have to  
14 evaluate and look at it, you know, with a sound head,  
15 with sound reason. And then let the DHEC know that  
16 we're either for the plant or we're not. But don't let  
17 the situation because we have lack of jobs forcing us  
18 into a decision. We shouldn't accept this kind of  
19 behavior if it's a bad situation. Jobs, yes, we don't  
20 have jobs. But we can get jobs if we band together.  
21 That's the beauty about this country, is that ideals --  
22 still, we still can have visions and still go out and  
23 create things. We're still made in the image of God.  
24 We have the ability to create. So even though we don't  
25 have jobs right now, coming together there's a

1 possibility of a future if band together, if we come  
2 together. But I'm not sure on the issue. Like Pastor  
3 Moseley said, there's many, many things we have to  
4 consider. And Johnny, here, said that it's not all  
5 spelt out. There's little bits and pieces here, you  
6 know. But we as men must sit down and look at this  
7 thing, and make the best choice for our families and the  
8 community.

9 HEARING OFFICER: Anyone else? State your name, and  
10 you've got five minutes.

11 MR. TINSLEY: Okay. My name is Mark Tinsley. I  
12 wasn't born here, but I'm a lifetime resident of  
13 Allendale. And what I mean by that is I intend  
14 Allendale to be my home. I have an eight year old  
15 daughter. I live across the street from where this  
16 facility is proposed to be located. If you look up here  
17 and the purpose of why we're here tonight, DHEC in this  
18 hearing, they're not concerned with the noise, they're  
19 not concerned with the odor. They're not concerned with  
20 all the other things that were brought it. I think it's  
21 disingenuous for anybody to contend that this is  
22 not injurious to health and welfare of the citizens of  
23 Allendale County. Even with all these controls, they're  
24 going to put over 500,000 pounds a year of pollutants  
25 into this community. They would not locate near the

1 Industrial Park because they knew they couldn't comply  
2 with the standards. They knew they couldn't do it.  
3 That ought to tell you something. And, you know -- and  
4 I've said it before. I've said it to everybody. I've  
5 offered to meet with people, leaders in this  
6 community about this problem. It is a real problem. I  
7 don't want my eight year old daughter growing up to it  
8 because, you know, frankly, we had a hearing -- well,  
9 not a hearing. We had a meeting a few weeks ago. And  
10 Mr. Connelly told me that he thought all this pollutants  
11 and all this stuff was a bunch of BS. Well, you know,  
12 50 years ago smoking didn't cause cancer either. And  
13 it's just not worth it to me, it's not worth it. And  
14 that's my personal appeal on it. I understand and I  
15 respect the job that DHEC does. But, you know, South  
16 Carolina Department of Transportation has got a  
17 responsibility to maintain the roads in this county, in  
18 this state. And every year people get killed from pine  
19 trees that CSX sprayed and fall on people, to potholes  
20 and ruts in the road. You can't rely on the government  
21 to protect you. It's as simple as that. The one last  
22 thing I'll say is the whole zoning issue. The reason  
23 they want to re-zone it is because they don't want you  
24 to be able to sue this company once they pollute you,  
25 once they affect your property value. You can shake

1 your head if you want to. The facility can come here  
2 now without it being re-zoned. Thank you.

3 HEARING OFFICER: Anyone else who would like to come  
4 up and speak? Yes, sir. Okay. I'm going to say to be  
5 mindful. People have their own opinion, and no gaze or  
6 daze while they're speaking. State your name and you've  
7 got five minutes.

8 MR. HARVEY: My name is George Harvey. I stay right  
9 here in Allendale. Born and raised right here, but I  
10 went away for awhile. But I lived in New York City for  
11 about 40 years. They put up the World Trade Center.  
12 There is more pollution coming from that building than  
13 would be coming from this building here. That building  
14 that they put up there, it took about four years to put  
15 up or five years to put up. I saw three people jump of  
16 it. But this plant, from what I've heard and what I've  
17 seen and what they've said and provided, it would be a  
18 big asset to Allendale, South Carolina. There are  
19 places -- we'll go around and it's fine like that.  
20 Buildings and roads and things that are more dangerous  
21 than these plants. So let's -- I would say let's not  
22 turn this plant down. Let's stick out our arms and open  
23 our arms up, and I know that they would do the best  
24 thing that they can. I don't think that they would  
25 bring it here to kill everybody because they would do

1     themselves. So I don't think that they would do that.

2     Let's open our arms and ask them to come on, come on

3     home. So be it, I said come on home.

4           HEARING OFFICER: Anyone else who would like to make  
5     a comment? State your name and you have five minutes.

6           MR. JACKSON: My name is Ronnie Jackson. I'm the  
7     Mayor of Allendale, the Town of Allendale. We talked  
8     with some young people the other day. Just, just  
9     finished high school and can't find a job. Young people  
10    coming out of college right now can't find a job. A  
11    fellow told me on the street the other day, "I've got to  
12    feed my family. I've got to feed my family, so I'm just  
13    going to have to go and steal or break in somebody's  
14    place to get some food or get some money." So I'm  
15    telling you all, we are right now 19 percent in this  
16    county unemployed. Nineteen percent, that's high.  
17    High. It's a crying shame. We've got these people here  
18    that want to come here and bring 300 jobs, 300. And we  
19    need these jobs to keep these people employed so they  
20    can make a decent living. And I'm telling you, you  
21    people better wake up or we going to see more crime in  
22    the Town of Allendale and the county because people do  
23    not have no money. And it takes money to live. And we  
24    at the town -- as mayor, I'm supporting you. We need  
25    these jobs, we're hurting. We want you to come here.

1 Thank you very much.

2 HEARING OFFICER: Anyone else have a comment they  
3 would like to state? State your name and you've got  
4 five minutes.

5 MR. GOODING: I don't need five minutes. I just --  
6 your speaker is way too close. My voice is strong so  
7 you better cut down the mike. That's fine. I'll back  
8 off. I just as Chairman of the Allendale County  
9 Council, I want to thank y'all for coming. DHEC has a  
10 tough decision to make one way, shape, or the other.  
11 You already know my opinion on thing plant. I mimicked  
12 what Councilman James Pinckney said. However, I think  
13 you've heard some untruths tonight. Well, first off,  
14 not intended. Not 300 jobs involved, more like 100 but  
15 well paid jobs. A hundred is a big asset. They do have  
16 some pollutants that will be affecting the atmosphere,  
17 but I have enough faith in DHEC with their regulations  
18 and their controls that they will pretty much control  
19 everything. If there is a violation of these DHEC  
20 rules, then they'll shut the plant down if they have to.  
21 I mean, you've seen it happen before. And, Mark, I  
22 respect your comment. Mark is a good friend of mine,  
23 almost like a family member. But, now, you were talking  
24 about changing this from an industrial -- from a  
25 rural designation to an industrial opportunity as far as

1 zoning goes, and they were doing this to avoid lawsuits.  
2 Let me tell you, you being a lawyer, you know dogone  
3 good and well that a contract don't mean you can't sue  
4 somebody. So whether or not that thing changed to rural  
5 to industrial or from industrial to rural, if somebody  
6 has got a lawsuit, I don't think that's going to make a  
7 whole lot of difference. So I appreciate what you said,  
8 but I've seen the judicial system in this county work.  
9 And you can sue anybody for anything anytime under any  
10 contract, whether you've got one or you don't. DHEC  
11 will make up their mind of whether or not the issue of  
12 the air permit. County Council has got to make up  
13 its minds whether to change the designation of the zone  
14 from rural to industrial. And your input will continue  
15 to be important. So you come to the County Council  
16 Meeting and then you have the hearing. But I want to  
17 thank you for coming. I'd like to know this much. How  
18 many in this room, raise your hand, are against this  
19 plant coming? Just raise your hand? Yeah, against this  
20 plant locating in --

21 HEARING OFFICER: Wait, wait, wait.

22 MR. GOODING: Well, stand up. That will be fine.  
23 Okay. It doesn't matter to me. I was just for - the  
24 County Council was just interested. Doesn't matter to  
25 me. Anyway, and I'm not going to get mad at anybody for

1 being for or against it. But we do welcome you here,  
2 and we thank you for your comments. That's what the  
3 community is all about, to find out what people think.  
4 And I hope that DHEC will respect what these people say.  
5 Have a good night. Thank you for coming.

6 HEARING OFFICER: Anyone else who has a comment?  
7 Anyone else who has a comment?

8 On behalf of DHEC, I would to thank everyone for  
9 their comment. The comment portion of this is now  
10 concluded.

11 Before we adjourn this evening, I would like to  
12 explain the process DHEC will follow on making a  
13 decision on the draft permit. Following this public  
14 hearing and formal comment period, DHEC will make a  
15 decision as to whether the draft permit should be  
16 approved, approved with conditions, disapproved, or  
17 modified. This decision will be based upon: the review  
18 and consideration of the applicable State and  
19 Federal Air Quality Regulation. The review of comments  
20 made at this hearing in the form of a transcript, the  
21 review of all other comments received within the  
22 required time frame, and the consideration of any other  
23 pertinent information.

24 As stated earlier tonight, written comments may be  
25 submitted through the close of business at 5:00 p.m., on

1 Thursday, January 26, 2012. All written comments  
2 received on or before this date will be considered as  
3 part of the decision-making process.

4 A copy of the Notice of Appeal Procedures is  
5 included in your hearing folder. These are the  
6 procedures that must be followed with the final review,  
7 otherwise known as an appeal, is requested after a  
8 permit decision has been made. Any person has the right  
9 to request a final review, or appeal, of any permit  
10 decision made by DHEC. This request must be made in  
11 writing to DHEC's Clerk of the Board within fifteen (15)  
12 days after notice of DHEC's decision has been mailed along  
13 with a filing fee in the amount of \$100. In consideration  
14 of this requirement, if you indicated on the hearing  
15 sign-in sheet that you wanted to receive any future  
16 information about the permit for PyraMax, or if you  
17 have submitted comments before, during, or after this  
18 hearing, you will receive notification of DHEC's  
19 decision by standard U.S. Mail or by E-mail. However, if  
20 you wish to be notified of DHEC's decision by certified  
21 mail, please see Sorava Purvis near the sign-in table,  
22 before you leave. If you choose to make your certified  
23 mail request in writing, you are asked to do so by the  
24 close of the comment period at 5:00 P.M. on January 26,  
25 2012.

1           Finally, I would like to point out that there is a  
2 public participation feedback survey in your  
3 folder. We are interested in knowing your thoughts and  
4 suggestions on what you liked or didn't like about  
5 tonight's hearing and how we can improve our public  
6 participation process. Please take a moment to complete  
7 this survey and place it in the box on the sign-in table  
8 as you leave.

9           On behalf of DHEC, I would again like to thank  
10 everyone for your attendance and comments this evening.  
11 The time is now 8:37 p.m., and this hearing is official  
12 adjourned. No other further formal recordings of this  
13 hearing will take place.

14

15           (\*This transcript may contain quoted material.  
16 Such material is reproduced as read or quoted by the  
17 speaker.)

18           (\*\*Certificate accompanies sealed original only.)

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