

WEBVTT

1

00:00:00.490 --> 00:00:02.830

American Gypsum PIH: Is there a time on it?

2

00:03:38.000 --> 00:03:39.060

American Gypsum PIH: The phones?

3

00:03:39.440 --> 00:03:45.040

American Gypsum PIH: Alright, audio is hot. We are a go. Okay? So are we on a record?

4

00:03:46.670 --> 00:03:55.070

American Gypsum PIH: I guess we're recording. Okay, okay, thanks. Can everybody in the audience hear me?

5

00:03:55.390 --> 00:03:56.740

American Gypsum PIH: Okay. Great.

6

00:03:57.350 --> 00:04:14.250

American Gypsum PIH: Alright, good evening, everybody. before we get started. Let me do a double check with Miss Armijo. Make sure that all our audio visual systems are working and that zoom is up and running.

7

00:04:14.600 --> 00:04:16.820

American Gypsum PIH: Yes, we are recording

8

00:04:17.240 --> 00:04:29.160

American Gypsum PIH: interpreters are going. So we are good to go. Okay. Great well, without further ado. We are here for a public information hearing

9

00:04:30.144 --> 00:04:37.829

American Gypsum PIH: regarding American gypsum companies, air quality construction permit. Application

10

00:04:37.960 --> 00:04:42.579

American Gypsum PIH: number 0 7, 5, 2, dash M. 5.

11

00:04:42.820 --> 00:05:08.659

American Gypsum PIH: My name is Rip Harwood. I'm the hearing officer presiding over this hearing. I'm basically an Mc. This is not an adjudicatory hearing. It's a public information hearing. So there won't be any decisions made tonight on the permit. This is for information purposes only. You'll hear a presentation from the air quality folks for the city of Albuquerque. First, st

12

00:05:08.780 --> 00:05:22.880

American Gypsum PIH: then, there will be a presentation by the American Gypsum Gypsum personnel after that, and then after that, there will be an opportunity for comments and questions from the audience.

13

00:05:23.430 --> 00:05:49.290

American Gypsum PIH: And the audience, I think consists. I see 3 people who aren't affiliated to my knowledge, with with the parties or the city plus whoever is on zoom, which I think is also single digits. Am I correct on that, Miss Armijo? Yes, we are up to 5 5 people in the waiting room. Yep, 5 people attending a total.

14

00:05:50.620 --> 00:05:55.529

American Gypsum PIH: including including the people in the room. Oh, no, that would be 8.

15

00:05:55.590 --> 00:06:18.719

American Gypsum PIH: Okay, all right. Well, the numbers are are growing. So so what we'll do is if you all will hold your questions for the panelists and your comments until after they conclude their presentation. Then you'll each have an opportunity to say what you'd like to say about the permit or ask. You know relevant questions of

16

00:06:19.146 --> 00:06:39.493

American Gypsum PIH: of whoever you think can provide the best answer and it's an informal hearing. So you know, I'll also defer to the panelists on question by question, whoever they think collectively might be able to provide the best answer to your questions will defer to them. So

17

00:06:40.720 --> 00:07:07.409

American Gypsum PIH: I don't necessarily think we'll need to put a time limit on people's questions and comments. But just so it doesn't get out of hand. We'll limit everybody to 5 min, and hopefully, you all can get whatever you need to say and ask ask and said within that timeframe, the other thing I I ask people to do, just to conserve everybody's time is.

18

00:07:07.510 --> 00:07:24.152

American Gypsum PIH: listen to the questions and comments of the person who's preceded you. Because if they've said or asked a question that you were thinking of asking. You don't need to re ask it. Let's just save everybody's time that way.

19

00:07:24.540 --> 00:07:46.830

American Gypsum PIH: And the last thing before I turn it over to the people that really count here. The presenters is. I just remind everybody in the room to silence their cell phones and sure can keep them on and use them to take notes or whatever. But I prefer not to have them going off and distracting people.

20

00:07:49.580 --> 00:07:52.699

American Gypsum PIH: Okay, so let's see

21

00:07:53.760 --> 00:08:14.460

American Gypsum PIH: with that said, I guess we can proceed to the Air Quality personnel Introduction. I think. There, there are 3 folks from the Air Quality bureau here, and I'm gonna let them introduce themselves and then and then you all take it from here. However, you want to handle your presentations.

22

00:08:15.110 --> 00:08:25.550

American Gypsum PIH: Thank you appreciate it. My name is Michael Mckinstry. I'm the permitting that right permitted writing manager for the air quality program at the city of Albuquerque

23

00:08:29.290 --> 00:08:37.250

American Gypsum PIH: Kyle campaign. I'm a senior environmental scientist and air dispersion modeler with the program. I'm sorry. What was your name? Kyle Tempane?

24

00:08:43.169 --> 00:08:46.750

American Gypsum PIH: Hello. My name is Barbara Georgitsis.

25

00:08:47.738 --> 00:09:01.210

American Gypsum PIH: And I'm an environment senior environmental health scientist who was a permit writer and I worked on American gypsums permit modification. The subject permit modification.

26

00:09:01.540 --> 00:09:15.419

American Gypsum PIH: So as our hearing officer. Said, this is a public information hearing pursuant to 20.1141 point 15 of the New Mexico administrative code.

27

00:09:16.745 --> 00:09:19.960

American Gypsum PIH: Oh, tweak! It's coming. Okay, sorry.

28

00:09:22.220 --> 00:09:32.670

American Gypsum PIH: Okay, give me a moment to get it. So the modification is 0 7, 5, 2, dash M. 5 for American Gyps and Company, LLC.

29

00:09:33.040 --> 00:09:39.250

American Gypsum PIH: And where the air for Albuquerque, Bernalillo County Air Quality program.

30

00:09:44.370 --> 00:10:06.209

American Gypsum PIH: So yes, as he said, we're before the air quality program makes a final decision regarding a permit application. The App. Shall hold a public information hearing. If the director determines that there is a significant public interest and a significant air quality issue involved.

31

00:10:06.650 --> 00:10:13.830

American Gypsum PIH: and in this case we had a Neighborhood Association, Northwest Neighborhood Coalition.

32

00:10:14.605 --> 00:10:16.980

American Gypsum PIH: Request the public information hearing

33

00:10:17.576 --> 00:10:28.919

American Gypsum PIH: the Pih is not an adjudicatory hearing on the merits of the permit, and the Pih shall be no fewer than 30 days before the deadline

34

00:10:29.040 --> 00:10:33.710

American Gypsum PIH: for the App. To make a final decision next slide.

35

00:10:35.050 --> 00:10:51.849

American Gypsum PIH: The hearing officer shall determine whether to require attendees to be sworn before they can ask questions, provide comments, or provide information during the Pih attendees can ask questions, provide comments.

36

00:10:52.000 --> 00:10:58.910

American Gypsum PIH: and provide information regarding the requested air quality permit action.

37

00:10:59.100 --> 00:11:04.440

American Gypsum PIH: but no final decision shall be made by the program at the close of the hearing.

38

00:11:07.610 --> 00:11:10.600

American Gypsum PIH: and also the public information. Hearing

39

00:11:11.203 --> 00:11:23.799

American Gypsum PIH: the the Nmac. Mandates that the program arranges for location which we've done, and and all the other logistics associated with preparing this hearing.

40

00:11:25.280 --> 00:11:28.550

American Gypsum PIH: They're all lists from that slide.

41

00:11:29.870 --> 00:11:57.039

American Gypsum PIH: So the permit actions pursuant to 20.1141 point 2 B 2, and Mac, the permit modification was issued. This is a little history. Oh, 7, 5, 2 m. 3 was issued a few years ago, March 2022, and this authorized construction to modernize American Gypsy.

42

00:11:57.960 --> 00:12:05.540

American Gypsum PIH: The new modern equipment was installed under that modification. In December 2023,

43

00:12:06.190 --> 00:12:18.529

American Gypsum PIH: however, the burner installed in that new equipment does not have the capacity required to replace the older equipment. As was intended.

44

00:12:20.530 --> 00:12:30.230

American Gypsum PIH: Therefore, American gypsum submitted an application for modification. This past September 2024,

45

00:12:30.560 --> 00:12:37.210

American Gypsum PIH: which is the subject modification in 5 for a replacement burner installation.

46

00:12:37.890 --> 00:12:51.960

American Gypsum PIH: And but according to manufacture data that came out for Co emissions, this replacement burner has higher Co emissions when operating at the maximum production rate.

47

00:12:54.710 --> 00:12:55.450

American Gypsum PIH: Yeah.

48

00:12:56.330 --> 00:13:00.161

American Gypsum PIH: So air dispersion modeling is conducted.

49

00:13:00.950 --> 00:13:06.910

American Gypsum PIH: 4 sources to determine that they meet. The air quality standards.

50

00:13:07.040 --> 00:13:10.579

American Gypsum PIH: So air dispersion modeling was conducted by

51

00:13:10.700 --> 00:13:15.240

American Gypsum PIH: American gypsum and verified by the program

52

00:13:15.540 --> 00:13:21.199

American Gypsum PIH: for the previous modifications that were issued for the plant modernization.

53

00:13:22.080 --> 00:13:34.939

American Gypsum PIH: the air dispersion, modeling demonstrated compliance with the national ambient air quality standards which are set by EPA and the New Mexico ambient air quality standards

54

00:13:35.070 --> 00:13:39.940

American Gypsum PIH: for criteria pollutants, which are nitrogen, oxides.

55

00:13:40.140 --> 00:13:53.529

American Gypsum PIH: carbon monoxide Co. Sulfur dioxide. So 2 and particulate. Matter. Pm. 10. That's Pm. 10 microns and Pm. Pm. 2.5 microns.

56

00:13:53.640 --> 00:13:58.570

American Gypsum PIH: So they did a demonstration flying with that.

57

00:13:58.760 --> 00:14:04.389

American Gypsum PIH: therefore American gypsum for this new modification

58

00:14:04.580 --> 00:14:13.400

American Gypsum PIH: that they applied, for they requested a modeling waiver for the Co. Emission increase based on their previous models

59
00:14:14.156 --> 00:14:19.300
American Gypsum PIH: and comparison to the significant impact levels for CEO

60
00:14:20.353 --> 00:14:31.720
American Gypsum PIH: the air quality program use current EPA's air MoD modeling software program, which is a standard modeling program that's used all over the country

61
00:14:31.820 --> 00:14:41.770
American Gypsum PIH: to confirm that the increase in pound per hour rate is below the 1 h and 8 h significant impact levels for Co.

62
00:14:42.550 --> 00:14:55.490
American Gypsum PIH: And they were indeed below the levels. So Apa, the program air quality program granted a modeling waiver in August of last year.

63
00:14:55.900 --> 00:14:58.110
American Gypsum PIH: and, as you can see in the table.

64
00:14:58.834 --> 00:15:00.770
American Gypsum PIH: The 1 h Co.

65
00:15:00.940 --> 00:15:08.510
American Gypsum PIH: And the 8 h Co. Is what's measured for Nacs, and the significant impact levels.

66
00:15:08.700 --> 00:15:14.649
American Gypsum PIH: And the 1 h Co is 31% of the significant impact level.

67
00:15:14.780 --> 00:15:20.039
American Gypsum PIH: And the 8 h Co is 89% of the significant impact levels.

68
00:15:20.280 --> 00:15:26.029
American Gypsum PIH: And this is modeled at the higher emission rate that was requested.

69
00:15:26.310 --> 00:15:32.939
American Gypsum PIH: which is 16.2 pounds per hour a Co. The current emission rate.

70
00:15:33.441 --> 00:15:37.160
American Gypsum PIH: That's permitted is 2.1 2 pounds per hour.

71
00:15:37.940 --> 00:15:42.389
American Gypsum PIH: So with the higher emission rate, they do meet the standards.

72

00:15:44.420 --> 00:15:54.259

American Gypsum PIH: When the modern equipment decommissioned equipment. So when the modern equipment is operational with the replacement burner.

73

00:15:54.690 --> 00:16:03.699

American Gypsum PIH: emission of criteria pollutants from the older decommissioned equipment will be eliminated, because that'll be shut down.

74

00:16:06.740 --> 00:16:13.820

American Gypsum PIH: So what is Co, according to the Federal Environmental Protection Agency's website

75

00:16:14.090 --> 00:16:20.570

American Gypsum PIH: Co. Is a colorless, odorless gas that can be harmful when inhaled in large amounts.

76

00:16:20.700 --> 00:16:23.650

American Gypsum PIH: Co. Is released when something is burned.

77

00:16:23.840 --> 00:16:32.709

American Gypsum PIH: The greatest sources of Co. To outdoor air are cars, trucks, and other vehicles or machinery that burn

78

00:16:32.870 --> 00:16:39.600

American Gypsum PIH: or and machinery that burn fossil fuels and

79

00:16:39.750 --> 00:16:45.069

American Gypsum PIH: undented kerosene gas space heaters, leaking chimneys.

80

00:16:45.230 --> 00:16:49.280

American Gypsum PIH: furnaces and gas stoves also release Co.

81

00:16:49.390 --> 00:16:55.489

American Gypsum PIH: And that can affect air quality indoors or in an enclosed space.

82

00:16:57.400 --> 00:17:03.240

American Gypsum PIH: If a criteria pollutant level exceeds the Max or the N. Max.

83

00:17:03.560 --> 00:17:07.429

American Gypsum PIH: a permit would not be issued by the air quality program.

84

00:17:10.119 --> 00:17:13.500

American Gypsum PIH: So what is being done about Co pollution

85

00:17:13.660 --> 00:17:21.020

American Gypsum PIH: under the Clean Air Act, the EPA sets and reviews standards for Co. In outdoor air

86

00:17:21.470 --> 00:17:31.099

American Gypsum PIH: EPA standards and data help the state tribal and local agencies to make sure that seal is kept at a safe level.

87

00:17:31.680 --> 00:17:33.740

American Gypsum PIH: The Nacs and the Mmax.

88

00:17:34.340 --> 00:17:44.530

American Gypsum PIH: where Co. Specify amounts of Co. That can be present in outdoor air to protect human health and the environment

89

00:17:47.180 --> 00:18:03.320

American Gypsum PIH: in Albuquerque seal levels are monitored by monitoring stations located at Del Norte site, which is San Mateo, Montgomery and the South Valley site, which is Mountain View Community Center

90

00:18:04.730 --> 00:18:13.790

American Gypsum PIH: air quality data is recorded on an hourly basis and maintained by the Air Quality Program Monitoring section.

91

00:18:15.640 --> 00:18:26.029

American Gypsum PIH: If any of the monitored criteria pollutants exceed the standards, a notice will be sent to advise the public that the levels are high.

92

00:18:29.200 --> 00:18:37.579

American Gypsum PIH: In conclusion, the increase in Co. Emissions from the modern mills, new replacement burner

93

00:18:38.350 --> 00:18:48.329

American Gypsum PIH: that the modifications applied for will be in compliance with the Max and Nmax, based on air diversion modeling.

94

00:18:48.860 --> 00:18:59.750

American Gypsum PIH: The new equipment will replace the decommissioned older equipment and emission rates of criteria. Pollutants at the plant will be reduced once the old equipment is optimized.

95

00:19:03.830 --> 00:19:05.930

American Gypsum PIH: Are there any questions?

96

00:19:10.310 --> 00:19:12.900

American Gypsum PIH: I don't. Do. I ask questions now, or should I?

97

00:19:13.540 --> 00:19:27.370

American Gypsum PIH: You know it's a small enough group. I think if you'd like to add, ask questions, if people have questions to ask while it's fresh in their mind, let's let them do that. Okay?

98

00:19:28.660 --> 00:19:51.940

American Gypsum PIH: So I have a couple of questions. And I just would like to say that I'm Peggy Norton, and I'm the one who sort of requested this meeting, so it's nice to meet you. I was hoping someone else was here. Oh, I was hoping Ellen Dwecky, I don't know if she might be on the zoom. She was gonna be here, and she had a lot of real specific questions. So.

99

00:19:52.370 --> 00:20:07.390

American Gypsum PIH: And I part of why I requested this meeting is to understand a little more of the process that a case like this goes through, and especially after that air Quality board fiasco back.

100

00:20:08.080 --> 00:20:15.399

American Gypsum PIH: what a year ago was it a year ago with the city? So I'm not clear who you guys are.

101

00:20:15.850 --> 00:20:18.240

American Gypsum PIH: We are the permitting group

102

00:20:18.470 --> 00:20:46.579

American Gypsum PIH: of the air quality program. Okay, is that the Albuquerque? It's quality program, or or is it just city? Okay? So it's totally separate from this air quality board. Yeah, we cover, we cover Albuquerque, the city of Albuquerque and Bernalillo County, and that's why the board represents the Albuquerque Bernal County Air Board. Okay, we are the program. So you're the permitting people, not the.

103

00:20:46.580 --> 00:20:56.760

American Gypsum PIH: So if you approve the permit, does it go to them for final approval? Or do they not have anything to do with it.

104

00:20:56.890 --> 00:21:04.208

American Gypsum PIH: Okay, okay. Then I had a couple questions about

105

00:21:05.670 --> 00:21:14.119

American Gypsum PIH: So you're putting in new equipment. The old equipment met most of those air dispersion

106

00:21:14.440 --> 00:21:27.080

American Gypsum PIH: things. But but the new one does also. Is that right? And the old one will go away

107

00:21:27.310 --> 00:21:29.029

American Gypsum PIH: like a burner.

108

00:21:29.660 --> 00:21:42.180

American Gypsum PIH: Doesn't have the capacity. They need another burner. Okay? So in the table, you said it had, the 8 h was 89% of.

109
00:21:42.460 --> 00:21:59.859
American Gypsum PIH: I mean the significant impact level. And is that just from that site, or does that take into the consideration that air quality contaminants, or whatever you call those things, and are in the general area.

110
00:22:00.070 --> 00:22:05.999
American Gypsum PIH: I believe it's just from this side. I'll let Kyle our air. He's our air quality monitor.

111
00:22:06.900 --> 00:22:20.710
American Gypsum PIH: Yeah. So the comparison to the sales is just for the facility itself. If if impacts exceed the sales, then we include surrounding sources plus background. But the significant impact levels are

112
00:22:21.090 --> 00:22:34.669
American Gypsum PIH: set by EPA at a level that if they're below it, it's been determined that there's no chance of them to contribute significantly to any sort of exceedance or issue in the ambient air. So they're

113
00:22:34.890 --> 00:22:40.829
American Gypsum PIH: significant. Impact levels are much much lower than the standards themselves.

114
00:22:41.200 --> 00:22:46.389
American Gypsum PIH: So say the the 1 h Co still is 2,000 micrograms.

115
00:22:46.720 --> 00:22:51.460
American Gypsum PIH: The National Ambient Air Quality Standard for 1 h is 40,000 micrograms.

116
00:22:52.050 --> 00:23:16.069
American Gypsum PIH: So it's it's not even reached the 2,000. Why do you look at the 1 h and the 8 HI mean, I. The 8 h to me seemed high. 89% is like almost 90%. And I wonder what a margin of error would be, well, it's it's 90%, again, of that sill which for the 8 h 500, the standard itself for the 8 h is 10,000.

117
00:23:16.760 --> 00:23:23.870
American Gypsum PIH: So this you know, the actual standard that they can't exceed is up here at 10,000 micrograms. They didn't even get to 500.

118
00:23:24.070 --> 00:23:37.499
American Gypsum PIH: So how do you get 89%? I thought it said, 89% of sales, 89% of the sill, which is 500, which is that lower cutoff to see if we need to include the surrounding sources and background. But they didn't even get to that level.

119
00:23:37.880 --> 00:23:41.159
American Gypsum PIH: So if they exceed that. Then we pull everything else in

00:23:41.670 --> 00:23:59.559

American Gypsum PIH: because they have a higher impact. But they're below that still, which is a low, it's basically an impact checker. So if they had a hundred percent, then you would go to that. So if they got to 500, then we would pull the nearby sources. The background from those monitors and everything, and put that all together. But they didn't even reach

121

00:23:59.670 --> 00:24:03.300

American Gypsum PIH: that significant impact level, that low, that low bar.

122

00:24:03.760 --> 00:24:06.152

American Gypsum PIH: Okay? And then

123

00:24:08.100 --> 00:24:10.405

American Gypsum PIH: And so

124

00:24:11.680 --> 00:24:22.879

American Gypsum PIH: your nearest measure is at Del Norte. Is that right? Where does that come into play here? Because all of this is just modeling? It's not anything in real time. Right?

125

00:24:23.090 --> 00:24:41.460

American Gypsum PIH: It's not yeah. It's it's model. So it runs using actual meteorology data from the airport for 5 year period. So it runs every hour of every day for 5 years to find the worst possible impact that you get over that whole time period. And that's the number we take and compare.

126

00:24:42.547 --> 00:24:58.169

American Gypsum PIH: And then I just to expand on a little bit. So those yeah, it's that's like close. That's the monitors that are being used. Those are set up according to like an EPA criteria of how to set up the monitors around the city.

127

00:24:58.460 --> 00:24:59.430

American Gypsum PIH: So.

128

00:24:59.850 --> 00:25:10.839

American Gypsum PIH: and I believe that's to get the best air quality data from from the monitors. I think it's always a sore point, though, with citizens, that there are only 2 monitors.

129

00:25:11.710 --> 00:25:19.950

American Gypsum PIH: And so what happens with carbon monoxide in in. Does it rise, or does it go down?

130

00:25:23.490 --> 00:25:27.279

American Gypsum PIH: Yeah, that's a hard one. It's it.

131

00:25:27.480 --> 00:25:41.429

American Gypsum PIH: I believe it's like from the research that I've seen. It's like any other, any other pollutant in there. It's it depended on what? I guess. What kind of atmospheric conditions are happening because you got

132

00:25:41.430 --> 00:26:06.679

American Gypsum PIH: other levels, layers that are doing different things, winds going this way. It's swirling. So it's going to get mixed into the atmosphere. If it's being, you know, mixed by like just whatever wind currents are going at that point. I don't believe it just falls. And then also in my research, just looking at stuff like on the EPA website. And it says that Co. Is one of the ones that it.

133

00:26:07.150 --> 00:26:22.670

American Gypsum PIH: I don't know if it's the right word, but dissipates out of the atmosphere quicker than most pollutants. It's like one of the quickest, I mean, it's they say it'll stay in a couple of months, but that's faster that it'll disappear faster than most other pollutants, too. But I believe it is

134

00:26:22.670 --> 00:26:39.680

American Gypsum PIH: it it? It it's dependent on what's going on in the in the air at that level, wherever the CEO is at, so it could be mixing, it could be blowing out. It could be coming in. It's not just dropping to the ground or just rising up out of there. It's it's gonna depend, I think, on the atmospheric conditions.

135

00:26:39.680 --> 00:26:40.035

American Gypsum PIH: Oh.

136

00:26:40.420 --> 00:26:49.930

American Gypsum PIH: because part of what I represent is the North Valley, which is down in the valley, and we get those inversions and the smog and stuff like that. So

137

00:26:50.180 --> 00:26:52.820

American Gypsum PIH: even though it's up there on Jefferson.

138

00:26:53.100 --> 00:26:56.249

American Gypsum PIH: It's a concern to us down lower. Yeah.

139

00:26:57.230 --> 00:27:02.430

American Gypsum PIH: And and you know, a a big component of Co. Is from vehicles.

140

00:27:02.770 --> 00:27:04.379

American Gypsum PIH: The vehicle traffic

141

00:27:04.740 --> 00:27:14.289

American Gypsum PIH: which we can't control or regulate. Right? But we can control this right? Right? But as long as they're meeting, you know the standards

142

00:27:14.450 --> 00:27:16.070

American Gypsum PIH: they can show that.

143
00:27:17.280 --> 00:27:39.130
American Gypsum PIH: Okay, ma'am. Thank you. There's a a gentleman in the back with a question. But before you get to that, I just I have to intercede here. Whenever I don't have an answer to a question, I go to my go to Chat Gpt, which tells me that carbon monoxide is slightly lighter than air.

144
00:27:39.676 --> 00:28:08.573
American Gypsum PIH: So that may be. Why, it's hard to say it's not something that sinks or rises easily, I guess. At peak emission times you'd want to hope that there's a good breeze blowing right, anyway. That's beyond the scope of what I'm here to do. But I love chat, gpt, and sir, in the back go ahead. Yeah. Hi, my name's Kyle Smith.

145
00:28:09.400 --> 00:28:25.410
American Gypsum PIH: I'm coming as a someone who just kind of learned about this. My daughter is a a 6th grader at Cottonwood. Preparatory, which is right next door to the east. And so

146
00:28:25.855 --> 00:28:33.554
American Gypsum PIH: it's it's great to to kind of get into this, and there's some great information there. But I had a couple of questions to follow on with.

147
00:28:34.881 --> 00:28:47.080
American Gypsum PIH: to your question. Oh, sorry so you said that the older equipment will be decommissioned once this new burner is up and running. What's what's the timeline on that.

148
00:28:47.330 --> 00:29:07.649
American Gypsum PIH: So you know, this brings up a point. I mean, some of these questions are going to be better addressed by the folks from American gypsum. I'm beginning to regret my decision to open it up for questions that may be premature.

149
00:29:08.510 --> 00:29:33.839
American Gypsum PIH: why don't why don't you hold your question, sir? Let's let American gypsum put on their presentation. And and then the same thing for anybody that has questions on Zoom. Let's let's just hold those. Let's go to your presentation. Maybe you can answer the gentleman's question as part of your presentation. We'll hold the remaining questions till afterwards.

150
00:29:33.940 --> 00:29:36.579
American Gypsum PIH: I said. It'll turn green, and then it's on

151
00:29:41.870 --> 00:29:44.879
American Gypsum PIH: to load up the other. Yeah, give me one moment.

152
00:29:45.720 --> 00:30:08.930
American Gypsum PIH: and while she's loading that, I'll introduce myself. I'm Stephanie Timmermeyer. I work for eagle materials out of our headquarters in in Dallas, Texas, and American gypsum is one of our many subsidiaries, and I'll let Carrie introduce himself while we're pulling it up. Yeah. So I'm Carrie Slater. I'm

the plant manager of the Albuquerque facility. So me and my family live here in Albuquerque.

153
00:30:11.260 --> 00:30:21.369
American Gypsum PIH: and Carrie will be giving the bulk of we, we yeah, we're happy to that. We're here to be able to introduce ourselves to you guys tonight. And we just put together a couple of slides.

154
00:30:25.110 --> 00:30:27.400
American Gypsum PIH: Alright ready.

155
00:30:39.650 --> 00:30:43.615
American Gypsum PIH: Just tell me next slide when you yeah. The next slide is good.

156
00:30:44.150 --> 00:31:09.130
American Gypsum PIH: This is this is actually my only slide. So just to again introduce ourselves as as the parent company, and we are a a United States based only company. And we make a lot of different building products really necessary for growth and infrastructure. Here in America, health, safety, and environment are are some of our core commitments. And we we do a sustainability report. And so

157
00:31:09.590 --> 00:31:30.040
American Gypsum PIH: I put our website up here just in case anyone wanted to go to that website, our sustainability report is there on our public facing website, and you can see there some of our efforts in reducing water use reducing energy consumption, consumption, reducing greenhouse gas emissions, and learn a little bit more about our company there.

158
00:31:30.520 --> 00:31:33.210
American Gypsum PIH: and I'll turn it over to Kerry next slide.

159
00:31:34.210 --> 00:31:48.809
American Gypsum PIH: So American Gypsum Company, we have 5 manufacturing sites. We've got 2 here in New Mexico. We have one up in Colorado, one in Oklahoma, and then one out in South Carolina, and as Stephanie mentioned, our corporate offices is centered in Dallas, Texas.

160
00:31:49.110 --> 00:31:52.810
American Gypsum PIH: Sorry next slide.

161
00:31:54.092 --> 00:32:10.989
American Gypsum PIH: So I wanted to point out that safety is a core value of American gypsum. It's not just a priority. It's how we do business. I wanted to point out that our plants. Tr, it's a total recordable incident rate. It's it's much lower than industry average, and we're pretty proud of that.

162
00:32:11.160 --> 00:32:32.344
American Gypsum PIH: Our employees are engaged in in safety. We have a safety driven safety committee. I'm sorry. Employee driven safety committee and employees also participate in different activities like the the Children's safety poster. I've got a

7 year old, daughter. She loves doing the posters and showing the Ppe that we're required to wear

163

00:32:32.860 --> 00:32:34.130

American Gypsum PIH: next slide.

164

00:32:35.470 --> 00:32:49.539

American Gypsum PIH: Quick introduction to gypsum wall board. It's also known as drywall or plasterboard, and that's what we manufacture at the at the plant. It's a lightweight plaster based building material, and it's used to create walls and ceilings.

165

00:32:49.540 --> 00:33:06.690

American Gypsum PIH: Gypsum. It's naturally fire resistant, due to its chemical makeup gypsum is calcium sulfate with 2 molecules of water that are chemically bound to it, and then there's really no substitute for gypsum wallboard. You can't make a home without it. So gypsum wallboard is essential to building

166

00:33:07.580 --> 00:33:08.529

American Gypsum PIH: next slide.

167

00:33:09.773 --> 00:33:21.430

American Gypsum PIH: A little bit of background on our facility. It was built back in the 19 sixties. It's the 1st American gypsum plant we employ 89 people, 79 hourly, and 13 salaried.

168

00:33:21.580 --> 00:33:25.280

American Gypsum PIH: We support affordable construction in and around Albuquerque.

169

00:33:25.410 --> 00:33:33.410

American Gypsum PIH: And this modernization that we're talking about of our gypsum processing will enable us to run better and remain supportive to our community for the long term.

170

00:33:34.670 --> 00:33:45.269

American Gypsum PIH: We're capable of producing more than 450 million square feet of wallboard per year. This means we can make 79 miles of wallboard in a day, or enough wallboard for 8 houses in about an hour

171

00:33:45.969 --> 00:33:51.200

American Gypsum PIH: we ship while we're locally, and we ship as far as away as far away as the State of Washington

172

00:33:51.960 --> 00:33:53.080

American Gypsum PIH: next slide.

173

00:33:55.140 --> 00:34:04.840

American Gypsum PIH: So our facilities main modernization. It includes the gypsum receiving where the trucks dump the gypsum rock into a hopper. We crush it smaller for milling.

174

00:34:04.980 --> 00:34:18.529

American Gypsum PIH: The plan is to use this new flash calcining mill to grind and cook gypsum to replace the old antiquated mills. There's 3 of those 4 conventional kettles and some significant conveying equipment.

175

00:34:19.239 --> 00:34:32.949

American Gypsum PIH: That's the equipment we get to get rid of. We call cooking or converting the gypsum into plaster calcining just to kind of explain that basically, we make plaster so that when we rehydrate it and we add the water to it, it turns it back into rock.

176

00:34:33.270 --> 00:34:38.450

American Gypsum PIH: and our wallboard recycling system allows us to grind and reuse waste wallboard.

177

00:34:39.820 --> 00:34:41.189

American Gypsum PIH: The next slide, please.

178

00:34:42.647 --> 00:35:00.880

American Gypsum PIH: Product quality is pretty critical to our success. We meet or exceed the wallboard standards of quality. We have online testing that as the product moves through our process, our operators pull samples and check the board regularly, and the wallboard industry has strict customer and regulatory test requirements.

179

00:35:01.450 --> 00:35:14.529

American Gypsum PIH: Astm or the American Society of Testing and Materials has standardized tests that are used across the industry for testing wallboard and American gypsum has an a 2 la accredited lab on site that conducts the standardized testing.

180

00:35:18.060 --> 00:35:25.210

American Gypsum PIH: Looks like I did want to point out that we we ship wallboard on truck and rail car

181

00:35:25.830 --> 00:35:26.560

American Gypsum PIH: slot.

182

00:35:27.570 --> 00:35:46.249

American Gypsum PIH: So going back to the modernization again, just a couple of pictures. We're getting rid of 4 old kettles and 3 Raymond Mills for one new vertical roller mill. It will allow the plant to run better and be more efficient. It also allow us

183

00:35:46.250 --> 00:36:02.670

American Gypsum PIH: to yield a reduction in raw material usage, fuel, consumption, electrical demand, waste and Co. 2. So our permitted emissions, and I know Barbara

hit on this, they will be reduced after the completion of this modernization and the removal of the old equipment

184
00:36:03.530 --> 00:36:21.660
American Gypsum PIH: next slide, please. I think most locals recognize our facility. From the steam coming from our stacks, we produce water vapor. Sorry water vapor. For several reasons. When we heat the gypsum, we're driving off that chemically bound water in order to make plaster.

185
00:36:21.950 --> 00:36:28.899
American Gypsum PIH: So then we add, we add water to the plaster, making a slurry. We put it between 2 sheets of paper, and we can form our wallboard.

186
00:36:29.220 --> 00:36:33.779
American Gypsum PIH: Finally, we dry the board which evaporates the water and produces more water vapor.

187
00:36:36.930 --> 00:36:45.690
American Gypsum PIH: So that's that's the presentation. I I know you asked the question about timing. You know the the new burner has been has been

188
00:36:46.121 --> 00:36:57.859
American Gypsum PIH: built the the oem built it, and it's currently on its way. I expect it to be on site at some point in in February, and our hope is that we can install it in March.

189
00:36:58.460 --> 00:37:25.069
American Gypsum PIH: and pretty much immediately. All the other older equipment would be offline. Once, after after commissioning of the of the new equipment. You know there, there is some operational requirements. Once the burner is in place. Then, you know, we're working with a couple of different people to get that system. Online operating at at the rate we need it to to produce the cal sign gypsum. So that'll take a little bit of time. But I mean, yeah, the the our.

190
00:37:25.070 --> 00:37:31.359
American Gypsum PIH: our, our need really is that this system goes online and is functional. And we don't use the old equipment anymore.

191
00:37:32.260 --> 00:37:36.200
American Gypsum PIH: So is it. The the emissions themselves are also being reduced.

192
00:37:36.340 --> 00:38:05.000
American Gypsum PIH: So when we permitted for this modernization, originally, what we, what we did is we permitted to run our old equipment at full capacity, and the new equipment at full capacity. We're not capable of doing that but we needed a permit that way to allow us to do the commissioning and and some of that thing some of those things. So yes, to answer your question once the old equipment is decommissioned, we'll we'll be able to modify our permit and bring those emissions limits down.

193

00:38:05.000 --> 00:38:06.840

American Gypsum PIH: So I think that's probably the

194

00:38:06.870 --> 00:38:11.130

American Gypsum PIH: I mean, that's really important information, you know. I think it would have

195

00:38:11.470 --> 00:38:35.549

American Gypsum PIH: been less of a shock if that was somewhere in the permit, and maybe the actual values of that reduction, and the, you know, components that are being reduced. So in the permit, there should be a table that's got control uncontrolled emissions and controlled emissions, and it should show that difference, and it should be in the application. Because also

196

00:38:36.010 --> 00:38:43.640

American Gypsum PIH: we base everything also off of like potential to admit which means these guys calculated everything running

197

00:38:43.650 --> 00:39:00.519

American Gypsum PIH: what we say. 87 60, which is every hour in a year. And the the calculations for the big increase is because it's the most conservative, so they don't. They didn't go over those numbers and become out of compliance. But it's very conservative.

198

00:39:00.520 --> 00:39:14.989

American Gypsum PIH: But you can correct me if I'm wrong. Once they get that equipment in, they got to fine tune it in. So it's getting the best burn. It's getting complete. Burn it gets tuned in that other equipment comes out. So those emissions are going to drop. It's that

199

00:39:14.990 --> 00:39:39.450

American Gypsum PIH: it's, I guess, bad optics that it's showing it's so big. But that's not going to be the reality of what really is gonna happen. Yeah, and it and and it it, the table is controlled and uncontrolled, and the uncontrolled is the potential to admit. So that's where it's they're running, basically saying, we're running every day.

200

00:39:39.450 --> 00:39:45.610

American Gypsum PIH: every minute, every day, every hour, every week, you know, and that just it's that's not even

201

00:39:45.750 --> 00:39:58.449

American Gypsum PIH: something that can really happen. Actually, okay, and there is there no real time emissions monitoring? Or are there any indications like internally about. You know the

202

00:39:58.690 --> 00:40:04.649

American Gypsum PIH: the efficiency of of your equipment while they're running. If there's something wrong, how would how would you know if

203

00:40:04.990 --> 00:40:08.849

American Gypsum PIH: it was something you know, wasn't burning

204

00:40:09.180 --> 00:40:32.689

American Gypsum PIH: as intended. And you know, now you're spewing out more. Yeah, there, there are a lot of instrumentation on the equipment, you know. Thermocouples for telling us temperature and things like that. And we do, we do monitor those very closely cause it's also tied into the quality of our product. So if if something, we're not operating properly, it it would get shut down and addressed immediately. Okay.

205

00:40:33.756 --> 00:40:47.820

American Gypsum PIH: and just a more broad general question about the company itself. Do, do you? Or does the company participate in any like corporate carbon offset credit for what you are

206

00:40:47.820 --> 00:41:13.020

American Gypsum PIH: we? We aren't doing anything like that. But if you get a chance to get on the website that I told you about and see the sustainability report, you'll see that every single one of our business units does have goals to reduce greenhouse gas emissions. And we are doing that. We don't. We do a couple of different programs where we could get credit. But we don't. We don't do that where we sell it. We just work toward reductions.

207

00:41:13.480 --> 00:41:34.201

American Gypsum PIH: Yeah. Oh, I guess I meant, you guys buying to offset what you are? Oh, no, currently no, we're not doing that. We're just focused on, you know, being like reducing our energy consumption and and emitting less greenhouse gas emissions. Okay? Final question, I think. Probably maybe towards the

208

00:41:35.745 --> 00:41:38.165

American Gypsum PIH: the permit. Folks.

209

00:41:39.130 --> 00:41:41.671

American Gypsum PIH: it's my understanding that most

210

00:41:46.760 --> 00:42:00.500

American Gypsum PIH: thresholds, for you know, contaminants and stuff is kind of based on adults and kind of what they can tolerate. And like, I said. You know there's the school right next door, so I'm wondering if there was any

211

00:42:01.140 --> 00:42:27.569

American Gypsum PIH: consideration there, or kind of you know, if there's ever been, I know, probably when the school 1st got started. There maybe have been, you know, safety impacts or stuff like that. Well, well, the EPA standards the next, and the New Mexico ambient air quality standards are are focused on. It's my understanding. Right? Kyle. There they both focus on more sensitive communities, elderly

212

00:42:28.043 --> 00:42:34.659

American Gypsum PIH: younger communities, people with asthma. And they they look at that when they set the standards.

213
00:42:35.460 --> 00:42:42.050
American Gypsum PIH: So they take a lot of different things into account. But we do?
Where's that

214
00:42:43.860 --> 00:42:45.916
American Gypsum PIH: talk that loud? So use the microphone?

215
00:42:48.000 --> 00:42:56.090
American Gypsum PIH: so yeah. So standards are set based on a whole lot of different
science and buyers. 3 committees. But with the modeling that we do that we're talking
about.

216
00:42:56.950 --> 00:43:05.990
American Gypsum PIH: there's a whole receptor grid in the model. It's nothing that's
actually physical on the ground. But these the modeled receptors go out.

217
00:43:06.540 --> 00:43:16.169
American Gypsum PIH: I think it was at least 5 kilometers in this one. So they go out
through the school, well past the school, and those are predicting the concentrations
at ground level.

218
00:43:16.410 --> 00:43:23.669
American Gypsum PIH: So not not at 6 feet, where adults head would be. But you know,
at ground level, which is the way the standards were all written.

219
00:43:24.310 --> 00:43:27.180
American Gypsum PIH: So that's that's what I can tell you about that. Okay.

220
00:43:27.822 --> 00:43:33.270
American Gypsum PIH: have there been a safety study at, maybe through

221
00:43:33.980 --> 00:43:36.649
American Gypsum PIH: the company itself, or, you know, for the

222
00:43:36.830 --> 00:43:52.619
American Gypsum PIH: for the impact of having the school there, or is, it was more
just kind of on the standards itself. Yeah, yeah, no, there was nothing specific for
the school, but the school was was covered by the receptors as they went out, just
like everywhere else. So there's

223
00:43:52.980 --> 00:43:58.809
American Gypsum PIH: I don't remember exactly how far apart they were at the school,
but but they had a number of them on the site.

224
00:43:58.950 --> 00:44:00.380
American Gypsum PIH: especially if they're close.

225

00:44:00.530 --> 00:44:07.630

American Gypsum PIH: Okay, and no specific study by us. But we, of course, again, we rely on the Nat. Then then

226

00:44:07.720 --> 00:44:37.059

American Gypsum PIH: we rely on that on the national ambient air quality standards and then and the N. Max, that's just like kind of weird for me to say. But we that's what we rely on to to where our the standards are set for our permit writing and and the different for the criteria pollutants. So, and the EPA is is changing those they they're not like static. Yeah, they they change. In fact, they just changed. Pm, 2.5 last year reducing it.

227

00:44:37.784 --> 00:44:58.579

American Gypsum PIH: Okay, yeah. It went from, I believe, 12 micrograms to 8, 9, 9. Sorry. So those are. Those standards are always being looked at by the EPA. And you know, I'm sure communities are a factor of of lowering those. And and then, like you, said the monitors.

228

00:44:59.890 --> 00:45:13.150

American Gypsum PIH: Co. Is one of them, and I don't know if you're on the list. But we have the ozone alerts and the high wind alerts, and the If Co. Is really high somewhere in there that Alert would be called to so.

229

00:45:13.730 --> 00:45:16.810

American Gypsum PIH: But someone told me that CEO

230

00:45:17.280 --> 00:45:34.240

American Gypsum PIH: has not been elevated I mean ozone. I think there's ozone warnings and Pm. Warnings. We've had those. I've been with the city for 10 years, and there hasn't been a Co. Elevated level since I've been here.

231

00:45:34.460 --> 00:45:57.910

American Gypsum PIH: It's been in the paper today. It was pretty low. Yeah. But what does Co do in the air? I mean, it doesn't just stay as Co. Does it. Well, what one of the things it does that I've researched is it? Will it? Basically oxidizes. That's 1 of them. So it will go in the air. It's floating around. It'll grab oxygen, and it'll become Co. 2.

232

00:45:58.601 --> 00:46:11.258

American Gypsum PIH: You know that you're getting a little more out of my range, because, you know, you're getting interaction with plants and tree lives, and it's making oxygen. And there's other chemistry that happens with that. But

233

00:46:13.160 --> 00:46:32.239

American Gypsum PIH: oh, Co. 2 is sort of our greenhouse gas. It is also correct, I mean, in a way that's something that should be looked at. So our bigger sources report Co. 2 greenhouse gas emissions are are tied

234

00:46:32.310 --> 00:47:01.409

American Gypsum PIH: bigger title, 5 sources. But and some of our and I know this is part of our program, because I used to be in enforcement and compliance, but with those bigger ones part of the inspections are to make sure that they are reporting their Co. 2, what they're doing for the year. But that gets reported to the EPA. They're the ones that collect that data. Yeah, we don't regulate Co 2 exactly, or any of the greenhouse. It's not a criteria. Yeah.

235
00:47:01.480 --> 00:47:12.050
American Gypsum PIH: But there are websites that have all the greenhouse gas data, but that is collected by the EPA, and they're the ones that have authority over that.

236
00:47:12.460 --> 00:47:25.879
American Gypsum PIH: Okay, folks. We have one person that's been reported to me. There's a person on Zoom that's raised their hand and has some questions. So let's take somebody from the Zoom audience with their questions. Next.

237
00:47:26.510 --> 00:47:27.690
Nicholas Mattison: Hi! There! Can you hear me?

238
00:47:28.000 --> 00:47:28.850
American Gypsum PIH: Yes.

239
00:47:29.610 --> 00:47:32.649
Nicholas Mattison: Great. My name is Nick Madison. Oh, okay, good. My name is Nick.

240
00:47:32.920 --> 00:47:36.909
Nicholas Mattison: I'm also a parent of a student at Cottonwood.

241
00:47:37.500 --> 00:47:42.070
Nicholas Mattison: and I just wanted to add a little bit to some of the questions that the other parent had asked.

242
00:47:43.660 --> 00:47:53.410
Nicholas Mattison: when I'm really the reason that I'm at this meeting is that I'm looking for sort of some peace of mind. You know, we we drop off our kids every day at Cotton, when there they are across the street from

243
00:47:53.570 --> 00:48:18.729
Nicholas Mattison: from the facility, and we don't necessarily understand exactly what's what's being emitted there. I understand that the the hearing today focuses on carbon monoxide. But when I was looking at the the announcement, I saw that, you know there's other emissions coming from the plant, including volatile organic compounds, particulate matter and other things, and what I wonder if both the city and American gypsum might do for me

244
00:48:18.890 --> 00:48:19.750
Nicholas Mattison: is

245
00:48:19.960 --> 00:48:31.870

Nicholas Mattison: 1st of all, just tell me, where do I need to go in order to have an understanding of exactly what my child is being exposed to every day, and then also, if you have an evaluation, if you have an opinion yourself as to whether or not

246

00:48:32.417 --> 00:48:38.129

Nicholas Mattison: you know there are any particular health risks being being posed by any of these emissions.

247

00:48:38.410 --> 00:48:43.150

Nicholas Mattison: Talk about that a little bit. But but mainly what I'd really like to be able to do is to get a sense of

248

00:48:43.870 --> 00:48:50.939

Nicholas Mattison: what the kids are being exposed to and hopefully be able to walk away from that feeling like, we're okay. So how do I do that?

249

00:48:53.760 --> 00:48:54.430

American Gypsum PIH: Hmm!

250

00:48:57.640 --> 00:48:59.173

American Gypsum PIH: Good question.

251

00:49:02.540 --> 00:49:07.690

American Gypsum PIH: Well, again, I guess. Going back to the national ambient air quality standards

252

00:49:08.140 --> 00:49:10.873

American Gypsum PIH: that that are set and

253

00:49:11.730 --> 00:49:17.340

American Gypsum PIH: these these companies, and I know Pnm. Reeves is there there also?

254

00:49:18.008 --> 00:49:23.749

American Gypsum PIH: As they get permitted. And they they go through these ex modeling

255

00:49:24.522 --> 00:49:33.849

American Gypsum PIH: dispersion, modeling to show that they're they're not harming the the population.

256

00:49:34.170 --> 00:50:03.730

American Gypsum PIH: And if you want to see what the different facilities around there other than gypsum, because there's more around there. The city has a map on our website that pinpoints all of the. It has all the active permits that are going on, and you can go on there, and it'll tell you what the permit number is, and it'll tell you what pollutants that it emits into the air at that, at that facility.

257

00:50:03.840 --> 00:50:29.000

American Gypsum PIH: and if you wanted to go further you could get the permit number, and if you put in like a request or a foia, you can get a copy of that permit to see what that is. But you have that area has multiple businesses, and those permits will tell you what emissions are coming out of them. But you can go to that map, and it'll it'll show you what that. What is there.

258

00:50:29.250 --> 00:50:36.960

Nicholas Mattison: So 2 quick follow-ups. If I wanted to see specifically with respect to American gypsum, what the modeling showed

259

00:50:37.732 --> 00:50:45.990

Nicholas Mattison: for all of those different emissions, including the vocs, the particulates, and all that. Where? Where is that one available.

260

00:50:46.938 --> 00:50:50.771

American Gypsum PIH: So right now, the application is,

261

00:50:51.550 --> 00:50:53.270

American Gypsum PIH: is the modeling on there, too.

262

00:50:55.200 --> 00:51:00.219

American Gypsum PIH: Just, oh, okay, okay. So the the

263

00:51:00.440 --> 00:51:03.165

American Gypsum PIH: application is on our website.

264

00:51:03.890 --> 00:51:06.989

American Gypsum PIH: I don't know if there's a way we could maybe get a

265

00:51:07.290 --> 00:51:20.550

American Gypsum PIH: email from you so we could send you a link or cause. I don't have the link right off the top of my head, but when the pih is asked for, we submit all the documents that we have for the facility that's being looked at.

266

00:51:21.920 --> 00:51:28.259

Nicholas Mattison: Okay, yeah. And my, my email may be available. I think I had to put it in in order to get into the the zoom is that available to you guys?

267

00:51:29.530 --> 00:51:30.540

Nicholas Mattison: We got it.

268

00:51:30.540 --> 00:51:30.900

Nicholas Mattison: Great.

269

00:51:30.900 --> 00:51:45.499

American Gypsum PIH: Put it in the chat if you'd like, I can also access it that way. So yeah, if I can get that, Nick, and then what I'll do is I will send you a link to where those documents are, for when the Pih was requested.

270

00:51:45.810 --> 00:51:52.049

Nicholas Mattison: Great. And then the other question I had was based on what you were saying about there being a number of active permits in the area.

271

00:51:52.180 --> 00:52:04.490

Nicholas Mattison: I know that, for example, Pnm has a plant just right behind American gypsum. Is there any study that the city does that looks at the cumulative impact of emissions from all of the sites that are in the area of the school.

272

00:52:05.673 --> 00:52:07.689

American Gypsum PIH: No, not that we do.

273

00:52:08.190 --> 00:52:10.159

Nicholas Mattison: Is that something I can get anywhere.

274

00:52:12.520 --> 00:52:22.350

American Gypsum PIH: I'm not sure. I mean we are the air quality. I don't. We don't do it, but I don't think you could. There would be. I could find that anywhere else, either

275

00:52:22.860 --> 00:52:29.930

American Gypsum PIH: or Oh, okay. So like, I mentioned earlier that this particular

276

00:52:30.310 --> 00:52:36.229

American Gypsum PIH: permit action, they did not exceed the sales. So we didn't include surrounding sources, but the previous one m. 3

277

00:52:36.560 --> 00:52:37.780

American Gypsum PIH: m. 3.

278

00:52:38.110 --> 00:52:40.850

American Gypsum PIH: That was for this whole modernization process

279

00:52:41.630 --> 00:52:47.060

American Gypsum PIH: that included some pollutants that exceeded the cells. And in that case we did modeling for

280

00:52:47.850 --> 00:52:59.870

American Gypsum PIH: the surrounding sources plus the background. So reuse was included General Mills across the street, the background from the del Norte Monitor. That's like 2 kilometers away, 2 and a half, maybe. So. That was done for.

281

00:53:00.470 --> 00:53:06.789

American Gypsum PIH: I guess 2 2 modifications ago, but 2 years ago to for the. When this whole modernization was requested.

282

00:53:07.390 --> 00:53:10.070

Nicholas Mattison: Great, and is that something you'd be able to provide to me as well.

283

00:53:12.490 --> 00:53:24.800

American Gypsum PIH: Yeah, I think I think we get that. That's older. That's not on the website. And it works. That was issued 2 years ago. But with him just asking, we can. It's all our records are public, so we can get that for you.

284

00:53:25.020 --> 00:53:26.319

Nicholas Mattison: I really appreciate that.

285

00:53:26.320 --> 00:53:28.269

American Gypsum PIH: And that what year was that?

286

00:53:28.710 --> 00:53:33.050

American Gypsum PIH: 2222, I believe 7, 3.

287

00:53:37.700 --> 00:53:40.680

Nicholas Mattison: I thank you all for your assistance. I really I really appreciate it.

288

00:53:41.560 --> 00:53:42.580

American Gypsum PIH: You're welcome.

289

00:53:43.510 --> 00:53:49.289

American Gypsum PIH: Alright, thank you for the question. Is anyone else on the zoom? Call with the hand raised there?

290

00:53:49.510 --> 00:54:00.429

American Gypsum PIH: No, sir, okay. Is there? I I see 2 other people in the audience. Did you all sign up, or do you have

291

00:54:00.620 --> 00:54:02.690

American Gypsum PIH: questions or comments?

292

00:54:04.370 --> 00:54:10.150

American Gypsum PIH: Yeah, I I apologize for coming in late night. Hold on, let's get a microphone. Oh, yeah.

293

00:54:11.561 --> 00:54:23.869

American Gypsum PIH: I I was just confused about the standards when I see the standards. They're Ppm. But then, what you put out in that chart was in

294

00:54:24.896 --> 00:54:26.550

American Gypsum PIH: pounds per!

295

00:54:26.730 --> 00:54:28.969

American Gypsum PIH: What was it? Pounds per

296

00:54:29.370 --> 00:54:38.329

American Gypsum PIH: something, and and tons per year. So how do I? Just how do I reconcile that? I don't understand?

297

00:54:39.270 --> 00:54:45.829

American Gypsum PIH: So so yes, so, standards, standards, unfortunately, are in multiple, different.

298

00:54:46.360 --> 00:54:53.205

American Gypsum PIH: Wow, multiple different units. There's some Ppm. Like you said, there's some that are Ppb.

299

00:54:54.130 --> 00:55:08.689

American Gypsum PIH: What we do. That pound per hour and a ton per year are the calculated emission rates from the source. So there's no direct conversion from that to the standards. What we do in the models is you take the pound per hour rates.

300

00:55:08.970 --> 00:55:15.850

American Gypsum PIH: It puts that much into the air in the model, and then calculates how, what

301

00:55:17.090 --> 00:55:23.569

American Gypsum PIH: in the same unit as the standard, what the impact will be from that pound per hour emission rate.

302

00:55:23.860 --> 00:55:31.840

American Gypsum PIH: But I can't see that then I mean I can't you? I'm told that this meets the standards. But

303

00:55:32.090 --> 00:55:34.869

American Gypsum PIH: shouldn't I be able to see that in the numbers.

304

00:55:35.310 --> 00:55:48.470

American Gypsum PIH: Well, that's so. We have numbers matching the standards in what we did with the sills where they were, you know, at 400 something micrograms. The significant level is 500 micrograms.

305

00:55:48.680 --> 00:55:52.040

American Gypsum PIH: The standard itself is 40,000 micrograms.

306

00:55:52.810 --> 00:56:00.570

American Gypsum PIH: So they're far below the standard. Okay? Well, that's what I'm saying is, I would like to have been able to see.

307
00:56:00.860 --> 00:56:12.369
American Gypsum PIH: You know I'm I'm I feel like I'm mixing apples and oranges because I I see with the standard. Dpa. Standard is Ppm. But then you tell me what the emissions are, and I can't

308
00:56:12.640 --> 00:56:15.190
American Gypsum PIH: put that together at all, so

309
00:56:15.350 --> 00:56:18.779
American Gypsum PIH: is is there some place I can go to see that.

310
00:56:19.770 --> 00:56:31.839
American Gypsum PIH: So for this one, we have the CEO comparison. It's in the modeling report that is on the website, just like Mike mentioned, where all the other documents for this hearing are and that has.

311
00:56:32.730 --> 00:56:33.476
American Gypsum PIH: Let's he

312
00:56:34.130 --> 00:56:45.214
American Gypsum PIH: that has a larger version of the table that Barbara showed in the presentation that shows, here's the level of the significant impact flow where? Here's what the significant yeah, significant impact level is.

313
00:56:46.270 --> 00:56:48.070
American Gypsum PIH: Here's what the impacts are.

314
00:56:48.560 --> 00:56:50.400
American Gypsum PIH: And you can see how those are.

315
00:56:50.540 --> 00:57:00.250
American Gypsum PIH: So, because this one didn't exceed that. We don't have a table showing the standards like we do in a full, a full review where there's higher impacts.

316
00:57:01.360 --> 00:57:10.259
American Gypsum PIH: Okay, alright, I guess I'll have to have a look at it, I guess.

317
00:57:11.250 --> 00:57:15.160
American Gypsum PIH: Thank you. And I still have a couple of questions.

318
00:57:17.560 --> 00:57:19.710
American Gypsum PIH: So if you had to do.

319

00:57:19.980 --> 00:57:33.580

American Gypsum PIH: if you had to do cumulative for a couple of modifications ago, what changes about this that you don't have to do that. It seems like they've increased

320

00:57:34.220 --> 00:57:45.329

American Gypsum PIH: emissions for this alright so the the cumulative models that we had to do for the previous modifications.

321

00:57:45.560 --> 00:58:02.889

American Gypsum PIH: Those pollutants aren't changing with this one. So it was. Things like Pm. I believe. Had we had to do a cumulative model, for in the previous modification for this one. The only pollutant that's changing is Co. Because of the burner change that American gyps and talked about.

322

00:58:03.130 --> 00:58:26.777

American Gypsum PIH: So nothing else was touched. No, no, their mission levels are changing. So we already did the modeling for that a couple of years ago. All we looked at for this one was the Co. Because that's the one thing that was being changed. So we check that. And there's no new businesses out there with additionally asked us to permit. Yet. Yeah, nothing that we know

323

00:58:27.270 --> 00:58:49.570

American Gypsum PIH: and that's that can come through like more business planning, because it's not necessarily that they're gonna come to us. But there is a relationship where, if there is a new one coming in that need that may possibly need a permit, we're notified by planning. And we kind of have that relationship. So we would know. But I haven't heard anything new that's going over there right now. That would need that.

324

00:58:50.190 --> 00:58:50.876

American Gypsum PIH: So

325

00:58:54.380 --> 00:59:13.339

American Gypsum PIH: I guess this has to do with the new equipment and the old equipment, because I believe it was in the executive summary. I. I read this back in September and October, where but the Co emissions increased by 700%.

326

00:59:14.160 --> 00:59:37.379

American Gypsum PIH: So is that because of the new equipment and the old equipment, or is with the new equipment, is the total Co emissions going to increase 700. So they got that number. I'm just gonna say, from our end, this is my understanding. And again, it was what I was talking about before is there? Was that conservative Max that they were looking at? So

327

00:59:37.730 --> 01:00:04.920

American Gypsum PIH: they were looking to. They they base that off of manufacturing data, and that was the highest concentration. So I mean it. Just that's the highest it is. Now, that's not to say that that's what it's gonna be once they put the burner in tune it in. Get rid of the other equipment. That number, like we said is gonna drop. So it's so is it for sure gonna drop? I guess that's my question. Is that 700 based on

328
01:00:05.690 --> 01:00:14.799
American Gypsum PIH: that's not with the I thought that was with the new equipment, and I thought someone said that that the burner in the new equipment

329
01:00:14.870 --> 01:00:27.010
American Gypsum PIH: is not adequate, and that's why there's more Co emissions with the new burner. So what what happened was the original burner that was provided didn't perform adequately.

330
01:00:27.010 --> 01:00:47.489
American Gypsum PIH: so they had to go back and provide us a new burner, and when we put the original burner in. The manufacturer did not provide a guarantee on the Co. So calculation was done to come up with that number, and under the replacement with the new burner that the manufacturer came back and said, This is the level that they're willing to guarantee on emission. So that's what we had to permit for

331
01:00:47.490 --> 01:01:05.820
American Gypsum PIH: so once, like like Michael said once, the equipment is in an operational and tuned, then we'll know they're just guaranteeing. It'll be under that that level. Okay? But you're giving a permit based on that level. So I guess my question is, why can't there be any mitigation

332
01:01:05.830 --> 01:01:08.000
American Gypsum PIH: to reduce that level.

333
01:01:10.620 --> 01:01:13.149
American Gypsum PIH: We'll be taking out the old equipment

334
01:01:14.210 --> 01:01:31.089
American Gypsum PIH: and won't have those Co emissions right? But you're going to have. But the new burner has the likelihood of up to 700% more Co emissions. So why can't there be something required in the permit to

335
01:01:31.370 --> 01:01:36.050
American Gypsum PIH: capture some of those Co emissions instead of emitting them into the air.

336
01:01:37.670 --> 01:01:40.390
American Gypsum PIH: Well, they're not required to, because

337
01:01:40.500 --> 01:01:49.350
American Gypsum PIH: they meet the Nacs through the air dispersion modeling, and they have room so even at that increase.

338
01:01:49.520 --> 01:01:53.760
American Gypsum PIH: they still meet the the standards.

339

01:01:53.960 --> 01:01:57.660

American Gypsum PIH: and then they're also required to test.

340

01:01:57.820 --> 01:02:02.710

American Gypsum PIH: And and within 6 months after installing the new burner

341

01:02:02.840 --> 01:02:05.809

American Gypsum PIH: so they might test that you know, lower level.

342

01:02:06.270 --> 01:02:09.369

American Gypsum PIH: but but they don't need to mitigate.

343

01:02:09.760 --> 01:02:17.700

American Gypsum PIH: I mean, there's major sources in in the city that you know can emit more than 100 tons.

344

01:02:17.860 --> 01:02:24.390

American Gypsum PIH: but they're not there as long as they meet the standards. That's our measurement

345

01:02:24.520 --> 01:02:26.490

American Gypsum PIH: that they don't have to mitigate.

346

01:02:27.460 --> 01:02:36.730

American Gypsum PIH: And so what are those standards, because to me, if it was okay at the earlier level, and now it's 700 times greater.

347

01:02:37.090 --> 01:02:52.110

American Gypsum PIH: That's that's a pretty loose standard ran through the modeling the that's what the national ambient air quality and the New Mexico ambient air quality standards. They're set by. EPA

348

01:02:52.250 --> 01:03:20.250

American Gypsum PIH: and that's that's really our our measurement. That's our measurement. And then that's all we, you know. That's what we have to go by, and our regulations. If they did exceed, then they would be required to mitigate. If they did exceed the Max, or you know we wouldn't issue them a permit, because they wouldn't have passed. They would have exceeded those those limits. We wouldn't even issue a permit. If that was the case, and they would have to do, they would need to do something.

349

01:03:20.250 --> 01:03:40.979

American Gypsum PIH: But with the modeling that he saw. It's still below the sills again. The sills are down here. The knacks are way up here, and they didn't even surpass the sills. So they're not required to. There was because of those limits they're not required to mitigate. I guess I'm still concerned that it's 89%. That's not way below.

350

01:03:41.130 --> 01:04:06.800

American Gypsum PIH: Well, it's 89% of the sill which is below the Max Matt. The the next standard, which is the sales below the Max standard. So it isn't hasn't even met that the sill standard. It's 89% of that. But it is that which means it's not even close. And he was saying what the Max was like. 40,000, and the sill was only like

351
01:04:06.870 --> 01:04:14.960
American Gypsum PIH: 2, 2,000 so, and for the one that goes to 8 h there at 89%. I think that's 500 micrograms is the sill.

352
01:04:15.140 --> 01:04:32.299
American Gypsum PIH: 10,000 is the standard. Okay? And then that's in our Nmac to our regulation. That's also an EPA regulation nacs. If you you look it up, you can see the the table of Nacs, which I guess I should have included on the Nacs

353
01:04:32.520 --> 01:04:41.739
American Gypsum PIH: table for all the pollutants, you know, for Nox. So 2 Co. And Pm. 2.5 Pm. 10,

354
01:04:41.800 --> 01:05:03.230
American Gypsum PIH: and there's not really a nax for voc and so that's a table, you know, in the EPA regulations, in our regulations, in New Mexico education or New Mexico administrative code. Yeah.

355
01:05:03.733 --> 01:05:11.290
American Gypsum PIH: And for CEO I should say for CEO that the New Mexico standard is quite a bit lower than the national one

356
01:05:11.450 --> 01:05:16.930
American Gypsum PIH: especially, and when we're doing the standards and checking with modeling, we take whichever one is lower.

357
01:05:17.240 --> 01:05:25.770
American Gypsum PIH: So the and the New Mexico standard is a lower value, and it's also a more more stringent

358
01:05:26.080 --> 01:05:33.469
American Gypsum PIH: form of the standard. So the national standard, you basically take the second high result for the New Mexico standard is the 1st high.

359
01:05:33.720 --> 01:05:38.659
American Gypsum PIH: So it's a higher value out of the range, comparing to a lower standard, anyway.

360
01:05:40.530 --> 01:06:05.019
American Gypsum PIH: And then, my, could you just tell us the process after this? Because I know comments were supposed to be submitted by what September, October. And so that was by the deadline. I requested this meeting, and I think I got we got an email from you. Ex that now there's an extension until April second

361

01:06:05.230 --> 01:06:08.880

American Gypsum PIH: to issue and the permit.

362

01:06:09.350 --> 01:06:37.909

American Gypsum PIH: And so now, after this hearing, I think 30 days right? 30 days, you have to comment. Well, it's just 30 days for us to issue the permit now or not to issue or or whatnot we received, and address address those and give some information. Do we have a deadline for submitting comments? Actually, your comments are supposed to be submitted at this hearing.

363

01:06:39.290 --> 01:06:58.559

American Gypsum PIH: So this whole hearing is being recorded, and it'll all but it's part it's going to be. Now part of that. Their file record that a pi H happened, it's recorded, and that this pih is going to be part of the record. And so all your comments that we've recorded in here are going to be part of the record.

364

01:06:59.260 --> 01:07:01.489

American Gypsum PIH: But a couple of these parents.

365

01:07:01.600 --> 01:07:28.310

American Gypsum PIH: You sent them to other places where they could do some research, but it's too late for them to make comments. Yeah, because we had that 30 day comment, public comment period before. And then you asked for the pih. But we're required by regulation to have that. So? Yeah, I mean, that was the period to really put the public to have the comments in. And then this will be part of the record, too, and then we we won't issue

366

01:07:28.550 --> 01:07:50.859

American Gypsum PIH: the permit, at least for another 30 days. But that's to. What will happen is is we're gonna we'll continue to look at it. It's gonna get written, and then we will send a letter of it. Whether we do or not. It'll it'll say why we've issued the permit, though, and and what criteria bet for us to issue, or or what our final decision was. Let me put it that way.

367

01:07:50.930 --> 01:08:16.590

American Gypsum PIH: It just seems a little hard to expect a common citizen to understand that 220 page application, and be able to read it and submit comments within the 30 days that we got it. For I mean, that is what this meeting is supposed to kind of clarify some of the stuff that's in that application. It seems like there would be an extension for comments that we submitted.

368

01:08:19.330 --> 01:08:20.749

American Gypsum PIH: I guess that's a

369

01:08:21.729 --> 01:08:50.610

American Gypsum PIH: it's that. I mean, we go by what's written out in the regulation because it it tie. It tells us exactly how we proceed with the whole permitting process. And I don't know if that's something we could look into in the past in the future. But I mean, it's just it. It spells it out very clearly how we're supposed to go forward. And and it's I'm sorry. That's just the way it is right now. So there is only a certain period where we can get comments

370
01:08:51.155 --> 01:09:00.800
American Gypsum PIH: who issues that regulation. So that regulation is the Nmac. It's the net. It's the New Mexico administrative code. And if you, it's in

371
01:09:01.029 --> 01:09:06.369
American Gypsum PIH: 2011 41, and it talks about the whole permitting process.

372
01:09:08.200 --> 01:09:10.820
American Gypsum PIH: Oh, did. Okay. The airport issues it.

373
01:09:12.660 --> 01:09:17.159
American Gypsum PIH: the burn code, the Albuquerque Bernlio County Air board. Yes.

374
01:09:17.961 --> 01:09:34.289
American Gypsum PIH: so. But it in that 2011, 41. It'll explain it like literally, step by step, how we're supposed to proceed with the permitting action. And we have to follow those steps like to the team? Basically.

375
01:09:38.550 --> 01:09:45.869
American Gypsum PIH: Okay, Miss Armijo, do we have anybody else in the zoom? Waiting room with hands raise?

376
01:09:46.050 --> 01:09:48.930
American Gypsum PIH: No, sir, we do not all right.

377
01:09:51.430 --> 01:09:54.769
American Gypsum PIH: Yeah. Anything else from the audience.

378
01:09:57.420 --> 01:10:15.069
American Gypsum PIH: Alright. Well, I wanna thank everybody the panel both panels for their presentations. And and the audience both here in person and and on zoom for their good questions and comments here.

379
01:10:16.031 --> 01:10:21.954
American Gypsum PIH: as was explained, this is part of a a big picture process that

380
01:10:22.450 --> 01:10:41.389
American Gypsum PIH: that the agency goes through whenever one of these permits is requested, and and and the opportunity for public comment is necessary and appreciated. And it's part of what makes the process work. So

381
01:10:41.390 --> 01:10:56.540
American Gypsum PIH: those of you here in person and those of you on Zoom, who took the time out of your busy days to come here and study this ahead of time and provide your input. It's greatly appreciated.

382
01:10:57.140 --> 01:11:01.149

American Gypsum PIH: and with that I think we can be adjourned.

383
01:11:01.868 --> 01:11:11.150
American Gypsum PIH: Unless there's anything procedurally that I'm missing that needs to be covered before we go off the record.

384
01:11:11.500 --> 01:11:23.579
American Gypsum PIH: I don't think so. Okay, that's 1 reason this is just a an informational hearing. It's not very technical. So thank you all for your time, and we'll be adjourned this evening.

385
01:11:28.636 --> 01:11:38.290
American Gypsum PIH: Thank you.

386
01:11:39.170 --> 01:11:57.949
American Gypsum PIH: and I'll just. I'll get. I know I'm going to need the 2022 modeling from you whenever you get that to to whatever. Thank you for interpreting for us tonight, you and Leonel, you're good to go. Hi, yeah, thank you for coming. Yeah, yeah, we appreciate you coming and asking.