EIB HEARING, 18-04(R), 9/28/18

BEFORE THE ENVI	TE OF NEW MEXICO IRONMENTAL IMPROVEMENT BOARD EIB 18-04 (R)	1 2 3 4		I N D E X ng Statement by Ms. Bannerman N SINGLETON	³
BEFORE THE ENVI	IRONMENTAL IMPROVEMENT BOARD	2		ng Statement by Ms. Bannerman	7
2 No. 3 4 5 IN THE MATTER OF:		3		-	7
3 4 5 IN THE MATTER OF:	EIB 18-04 (R)			-	
4 5 IN THE MATTER OF:			KLIMI		
4 5 IN THE MATTER OF:			1	Direct Examination by Ms. Bannerman	9
5 IN THE MATTER OF:				2 5 1% SANSEROO	
6 PROPOSED AMENDMENTS TO		5		Cross Examination by Mr. Holt	16
1	D 20.2.3 NMAC -	6	Closi	ng Statement by Ms. Bannerman	18
AMBIENT AIR QUALITY ST	TANDARDS	7			
7 AIR QUALITY BUREAU ENV	VIRONMENTAL	8		EXHIBITS	ADMITTED
PROTECTION DIVISION		9	NMED I	EXHIBIT:	
8		10	1. S	ingleton Resume	8
9		11		ingleton Written Testimony	8
10					
11 12		12		ext of Proposed Amendments	8
13		13	4. P	owerPoint Presentation from Public Meetin	igs 8
552	RIPT OF PROCEEDINGS	14	5. S	ign-in Sheet from Public Meetings	8
14		15	6. No	oninterference Demonstration Under 110(1)	8
15 BE IT REMEMB	BERED that on the 28th day of	16	7. A	ffidavits of Publication	8
16 September, 2018, this	matter came on for hearing before	17	8. L	etter to Small Business Regulatory Adviso	ry
17 the ENVIRONMENTAL IMPR	ROVEMENT BOARD, at the New Mexico	18	(Commission	8
	ge Museum, Room V1, 4100 Dripping	19	9. P	roposed Final Order and Statement of Reas	
	ces, New Mexico, at the hour of	20	model of 1	The second of Reas	
20 9:33 a.m.					
21 22		21			
23		22			
24		23			
25		24			
		25			
-	2				4
1 APPI	EARANCES	1		MR. HOLT: If you have come here for	the
2 For the Environmental	Improvement Board:	2	Senter	mber 28th meeting of the Environmental In	
3 MR. MATTHEW HOLT Hearing Officer		3		, you are going to be disappointed. We d	lo not have
4 Environmental Imp	provement Board	4	a quo	rum, so the Board will not be meeting.	
1190 St. Francis	Drive	5		we have set two hearings for today th	nat will
5 Harold Runnels Bu	The second of th	6	take p	place in the absence of a Board meeting,	and we are
Santa Fe, New Mex	X1C0 8/501	7	going	to proceed with those.	
Board Counsel:		8		The first matter I'm going to call to	oday is
7	-	9	EIB N	umber 18-04 (R).	
MR. GIDEON ELLIOT 8 ASSISTANT ATTORNE		10		Today is Friday, September 28th, 201	3 and T
, and a second second		11	show =	that it is 9:32 in the morning. This mee	20.
9 For New Mexico Environ	nment Department:				-
10 MS. KIM BANNERMAN	N	12		to be held in public at the Farm and Rar	ich Museum,
NEW MEXICO ENVIRO		13	in Ver	ntana Room Number 1, here in Las Cruces.	
11 OFFICE OF GENERAL		14		The purpose of today's meeting is to	take
Post Office Box 5 12 Santa Fe, New Mex		15	evider	nce regarding the proposed amendments to	20.2.3 of
(505) 827-2985	1100 01302	16	in NMA	AC, which pertain to Ambient Air Quality	Standards;
13 kim.bannerman2@st	tate.nm.us	17	corre	et?	
1 2		18		MR. SINGLETON: Correct.	
14				and a presentational Edit is TITA I THE !	
14 15 16		19		MR. HOLT: My name is Matthew Holt	
15 16 17		19	Vica 1	MR. HOLT: My name is Matthew Holt.	
15 16 17 18		20		Chair of the EIB, and I have been designa	
15 16 17	GOPY	20 21		Chair of the EIB, and I have been designated the chair of the EIB, and I have been designated the chair of th	ted to
15 16 17 18 19	COPY	20		Chair of the EIB, and I have been designa	ted to
15 16 17 18 19 20 21 22	COPY	20 21	presid	Chair of the EIB, and I have been designated the chair of the EIB, and I have been designated the chair of th	ted to
15 16 17 18 19 20 21	COPY	20 21 22	presid	Chair of the EIB, and I have been designate de over this hearing. I would normally be advised by Board	counsel,

7 (17), 3/20/10

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The hearing will be conducted in accordance
 1
                                                                  1
                                                                               (Oath administered to Kerwin Singleton.)
 2
     with the Board's rulemaking procedures that are set out
                                                                  2
                                                                                MR. HOLT: Ms. Bannerman, your opening.
 3
     in 20.1.1 of NMAC.
                                                                               MS. BANNERMAN: Again, thank you,
 4
              And pursuant to those procedures, I will
                                                                  4
                                                                     Mr. Hearing Officer.
     conduct the hearing -- my attorney is here -- thank you
                                                                  5
 5
                                                                               The Department is here before you to request
 6
     -- so as to provide a reasonable opportunity for all
                                                                  6
                                                                      amendments to the Ambient Air Quality Standards found at
 7
     persons to be heard without making it unreasonably
                                                                  7
                                                                      20.2.3 NMAC. Specifically, the Department is requesting
 8
     lengthy.
                                                                  8
                                                                      the appeal of the New Mexico Ambient Air Quality
 9
              The Rules of Civil Procedure and the Rules of
                                                                  9
                                                                      Standards for total suspended particulate, otherwise
10
     Evidence do not apply in this matter, but I will make
                                                                 10
                                                                      known as TSP.
     whatever rulings are necessary in order to preserve a
11
                                                                 11
                                                                               The air qualities -- the standard for your
12
     quorum in this matter.
                                                                 12
                                                                      decision today -- under the Air Quality Act, the EIB is
13
              All testimony will be taken under oath, and
                                                                 13
                                                                      given the authority to enact, modify, or repeal
     all persons giving testimony will be subject to
14
                                                                 14
                                                                      regulations addressing air quality. And considering the
     cross-examination by any other person in attendance on
                                                                      proposed repeal of the TSP standards, the Board is
15
                                                                 15
16
     the subject of both their testimony and on matters
                                                                 16
                                                                      required by the act to give weight to the following when
17
     affecting credibility. I will however limit
                                                                 17
                                                                      considering the action: the character and degree of
18
     cross-examination as necessary to avoid harassment,
                                                                 18
                                                                      injury to or interference with the health, welfare,
19
     intimidation or repetition.
                                                                 19
                                                                      visibility, and property addressed by the proposal: and
20
              The hearing is being recorded and transcribed
                                                                 20
                                                                      the public interest, including the social and economic
21
     today by Hayley MacDonald of Russin Court Reporters.
                                                                 21
                                                                      value of the sources of the subject air contaminants
22
     You can obtain a copy of the transcript directly from
                                                                 22
                                                                      addressed by this proposal.
23
     the reporter if you want, but it will eventually become
                                                                 23
                                                                               The Department will demonstrate, through
24
    a public record viewable in the Board Administrative
                                                                 24
                                                                      Mr. Singleton's testimony, how these factors are met and
    office.
25
                                                                 25
                                                                      are exhibited through the -- today.
 1
              There will be an opportunity for comments by
                                                                  1
                                                                               Briefly, the current federal air quality
 2
    members of the public. If any members intend to
                                                                  2
                                                                      standards use PM10 particulate matter at 10 microns or
                                                                      less in diameter, and PM2.5 -- you'll be hearing that
     comment, please sign in on the register sheet that we
                                                                  3
 3
    have on the table immediately outside of this room so we
 4
                                                                      frequently probably today -- particulate matter at 2.5
 5
     can take into account the time needed for that.
                                                                      microns or less in diameter as the air quality standard,
              I understand that Kim Bannerman is going to
                                                                  6
                                                                      because the federal government determined these
 7
     represent the Environmental Department today.
                                                                  7
                                                                      indicators are better suited to address health concerns
 8
              If you would, please make your appearance and
                                                                  8
                                                                      than standards based on TSP.
     introduce your witnesses.
 9
                                                                  9
                                                                               As Mr. Singleton will testify, the Department
10
              MS. BANNERMAN: Thank you, Hearing
                                                                 10
                                                                      believes there is no longer a benefit to include TSP in
11
    Officer/Member Holt.
                                                                 11
                                                                      New Mexico's Ambient Air Quality Standards: thus, the
12
              My name is Kim Bannerman. I represent the New
                                                                 12
                                                                      standards should be repealed, and the repeal meet the
13
    Mexico Environment Department, specifically the Air
                                                                 13
                                                                      statutory burden addressed in the Air Quality Act.
14
    Quality Bureau.
                                                                 14
                                                                               For the reasons discussed in his written
15
              With me today is Kerwin Singleton, who is the
                                                                 15
                                                                      testimony and additional oral testimony today, the
    planning section chief for the Air Quality Bureau, and
16
                                                                 16
                                                                      Department -- the Department requests the Board grant
17
    he will be testifying --
                                                                 17
                                                                      this petition to amend the Ambient Air Quality
18
              MR. HOLT: Welcome.
                                                                      Standards.
                                                                 18
19
              Would you like to have your witness sworn?
                                                                 19
                                                                               At this time I would request the Board admit
20
              MS. BANNERMAN: I have an opening statement.
                                                                 20
                                                                      into the record the exhibits in the Environment
21
    Would you like me to start there or have him sworn
                                                                 21
                                                                      Department's notice of intent.
22
    first?
                                                                 22
                                                                               MR. HOLT: Are there any objections?
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23

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25

Hearing none, they are so admitted.

MS. BANNERMAN: May I move on with

(NMED Exhibits 1 through 9 admitted.)

23

24

25

MR. HOLT: I'll swear him and move on,

because, otherwise, I will forget about it.

MS. BANNERMAN: Okay.

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did not propose national Ambient Air Quality Standards
 1
    Mr. Singleton's testimony?
 2
              MR. HOLT: Please.
                                                                      for particulate matter until January 30th of 1971.
                                                                               These federal standards are shown in Table 2
 3
                        KERWIN SINGLETON
          after having been first duly sworn or affirmed,
                                                                     of NMED Exhibit 2.
 4
                                                                               Section 109 of the Clean Air Act Amendments of
          was examined and testified as follows:
 5
                                                                  5
                       DIRECT EXAMINATION
                                                                     1970 required EPA to propose primary and secondary NAAQS
                                                                  6
 6
 7
     BY MS. BANNERMAN:
                                                                  7
                                                                      for each pollutant for which air quality criteria had
              Mr. Singleton, please state your full name for
                                                                      been issued prior to the amendments. Primary standards
 8
         0.
 9
                                                                      are health based; while secondary standards are welfare
    the record.
                                                                 10
10
         A
              Kerwin Singleton.
                                                                      based.
              What is your employment position?
                                                                 11
                                                                               The final primary and secondary NAAQS were
11
         0.
12
              I'm the planning section chief with the Air
                                                                 12
                                                                      published with the federal register on April 30th, 1971.
13
    Quality Bureau.
                                                                 13
                                                                               Particulate matter was defined as any matter
              And how long have you been with the
                                                                      dispersed in the air, whether solid or liquid, in which
14
                                                                 14
    Environment Department?
                                                                 15
                                                                      the individual particles are larger than small molecules
15
16
              I have been with the Air Quality Bureau for
                                                                 16
                                                                      but smaller than 500 microns.
    over 14 years. Until recently, I was the manager of
                                                                 17
                                                                               Particulate matter can produce injury in the
17
    Control Strategies, and prior to that a permit writer.
18
                                                                 18
                                                                      respiratory tract. It may be cleared by transfer to the
                                                                      limb, blood, and/or gastrointestinal tract, producing
19
             And what is your educational background?
                                                                 19
20
             I have over 34 years of environmental
                                                                 20
                                                                      adverse effects elsewhere in the human body.
                                                                 21
                                                                               In July 1987, the EPA finalized and revised
    experience, primarily in air quality. I have worked in
21
22
     environmental consulting as a project manager in the
                                                                 22
                                                                      the PM standards and replaced TSP as an indicator for PM
     industry as an environmental engineer.
                                                                      with the new indicator of PM standards.
23
                                                                 23
24
              I hold a bachelor's degree in chemical
                                                                 24
                                                                               EPA's review of available scientific data
    engineering from the University of Missouri in Columbia.
25
                                                                 25
                                                                      demonstrated the need to protect sensitive individuals;
    And a copy of my resumé is included as NMED Exhibit 1.
                                                                      therefore, EPA staff recommended that the site-specific
 1
 2
             What is the purpose of your testimony today?
                                                                  2
                                                                      indicator include particles of diameters less than or
         A. Mr. Hearing Officer, I'm here to request that
                                                                      equal to a nominal 10 micrometer cut point, putting
                                                                  3
 3
    the Board adopt the Department's proposal to repeal the
                                                                      greater emphasis on controlling smaller particles than
 4
 5
    New Mexico Ambient Air Quality Standards for Total
                                                                      does the TSP indicator without completely excluding
    Suspended Particulates contained in Section 109 of
                                                                      larger particles from all control.
 7
    20.2.3 New Mexico Administrative Code, or in NMAC.
                                                                  7
                                                                               During the preparation for the 1988 hearing to
 8
              Are the Department's proposed amendments
                                                                  8
                                                                      adopt a State Implementation Plan, or SIP, to implement
    contained in Exhibit 3?
                                                                      the new federal PM10 standards, the Department chose to
 9
                                                                  9
10
         Α.
              Yes, they are.
                                                                 10
                                                                      retain the New Mexico TSP standard, not for health
11
              Did you prepare written testimony -- technical
                                                                 11
                                                                      concerns, but for welfare-based reasons, specifically to
12
    testimony in this matter?
                                                                 12
                                                                      protect the public from the soiling and nuisance effects
13
              Yes, in NMED Exhibit 2.
                                                                      of PM.
                                                                 13
         A.
              Do you adopt that testimony under oath today?
14
         0
                                                                 14
                                                                               Additional scientific research prompted the
15
              Yes, I do.
                                                                 15
                                                                      EPA to further revise the PM standards in 1997 to focus
16
              Do you have a brief summary of your testimony
                                                                      on PM2.5, in addition to the PM10 standards, to provide
17
    that you would like to give today?
                                                                 17
                                                                      the most effective protection from potential adverse
18
              I do.
                                                                      health effects.
         Α.
                                                                 18
19
              The State Ambient Air Quality Standards were
                                                                 19
                                                                               The NMED discontinued ambient monitoring for
20
    originally adopted in 1969 by the Department's
                                                                 20
                                                                     TSP in April 1998. Compliance with the New Mexico
21
    predecessor agency, New Mexico Board of Health and
                                                                 21
                                                                      standards have been determined by air dispersion
22
    Social Services.
                                                                 22
                                                                      modeling.
              These state standards are shown in Table 1 of
23
                                                                 23
                                                                               Despite the Department's proposed repeal of
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25

the TSP standards, there are many other rules that limit

and control emissions of PM, including PM10 and PM2.5.

24

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NMED Exhibit 2.

The Environmental Protection Agency, or EPA,

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There are mechanisms in the Air Quality Bureau's permitting program to address particulate matter emissions and air dispersion modeling is required by applicants to demonstrate that their operations will not violate any applicable Ambient Air Quality Standards.

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The New Source Review and Title V permitting programs have evolved over the years and now includes source-specific emission limits and stringent operating, monitoring, record-keeping, and reporting requirements designed to demonstrate compliance with applicable state and federal Ambient Air Quality Standards and to minimize fugitive dust emission both on and off-site.

The most prominent sources of fugitive or nuisance dust are the aggregate handling and construction industries; for example, sand and gravel operations, rock-crushing operations, asphalt batch plants, concrete batch plants, and mineral processing facilities, such as potash and humate mines, as well as solid waste landfills.

Permits issued by the Air Quality Bureau contain requirements for controlling these sources of fugitive dust, including conditions that limit emissions from storage piles, material handling, and processing and haul roads. Where necessary, permits may also

include a requirement for a facility to develop a fugitive dust control plan.

Additionally, the Board will shortly hear testimony in our proposal for a fugitive dust rule for certain sources of fugitive dust that fall outside of the permitting programs.

Permits containing conditions limiting TSP to comply with state standards will remain in force until the permittee requests a permit provision to remove those conditions. A request to provide permit conditions would need to provide a demonstration of complying with the federal standards for PM10 and PM2.5.

13 With respect to Exhibit 6, can you briefly 14 describe what those are?

> Α. Yes.

Act requirement.

Exhibit 6 is the Department's Noninterference Demonstration under 110(1) of the Clean Air Act. Because Section 109 and Part 3 is included in the New Mexico SIP, the Department is required to provide a demonstration that shows that the proposed repeal of the TSP standards will not negatively impact the attainment status of the state's particulate matter attainment areas or negatively affect the Anthony PM10 nonattainment area or interfere with any other Clean Air

What public notification was given for those revised provisions?

3 The Department published public notice in the New Mexico Register, the Albuquerque Journal, the Deming Headlight, and the Las Cruces Sun-News.

In addition, the Legislative Council Service, 6 7 New Mexico Sunshine Portal, subscribers to the Bureau's LISTSERV, tribes and pueblos were sent notice via

10 The affidavits of publication have been submitted as NMED Exhibit 7. 11

Prior to the official public notice hearing, the Bureau held public information meetings to inform stakeholders of our intent to repeal Section 109. These meetings were held in Deming, Las Cruces, and Santa Fe, from January 9th through 11th of this year.

The PowerPoint presentation from those information meetings is included as NMED Exhibit 4, and the sign-in sheet for each meeting are included as NMED Exhibit 5.

The Department did not receive any comment during the public comment period.

23 MS. BANNERMAN: Mr. Hearing Officer, I have no 24 further questions.

I do want to call your attention to two 25

additional exhibits.

2 Exhibit 8 contains a letter that was sent to 3 the Small Business Regulatory Advisory Commission. The Department does not believe that these rules and 5 provisions will have any affect on small business, but we want the letter to err on the side of full disclosure. We received no comments on that letter.

Also, Exhibit 9 is the Department's Proposed 9 Final Order and Statement of Reasons, when the Board determines if it can rule on this matter -- or when the Board determines that.

MR. HOLT: Thank you.

Anything further?

14 MS. BANNERMAN: No.

CROSS EXAMINATION BY MR. HOLT

16 MR. HOLT: Mr. Singleton, you said you had a 17 public hearing in Las Cruces, Deming, and Santa Fe?

MR. SINGLETON: Public meetings.

19 MR. HOLT: Was there anyone in attendance for

20 those?

21 MR. SINGLETON: Yes, there were. A number of 22 people attended each meeting. The largest group was 23 actually in Santa Fe. It was comprised mostly of 24

industry concerns.

MR. HOLT: And no -- no voiced opposition to

25

_	LIB FILANING,	10-0	4(11), 3/20/10
	17		19
1	the proposal?	1	MR. HOLT: Fair enough.
2	MR. SINGLETON: No.	2	I understand that no one else has submitted a
3	There was some confusion at the meeting in	3	notice of intent to submit technical testimony.
4	Deming. They thought we were there about a proposed	4	Is there anyone here that wishes to comment on
5	mining operation. There were concerns that this	5	this matter, offer testimony on this matter at all?
6	operation was going to take out the Florida Mountains,	6	Hearing none.
7	so we had to explain that this was a separate issue.	7	Is there any reason to leave the record open?
8	MR. HOLT: Fair enough.	8	Then the record in this particular matter is
9	Can you tell me the difference between an	9	closed.
10	attainment and nonattainment area?	10	(Hearing was concluded at 9:53 a.m.)
11	MR. SINGLETON: An attainment area is one that	11	* * * * * * *
12	is in attainment of all national Ambient Air Quality	12	
13	Standards for the criteria pollutant.	13	
14	MR. HOLT: Why is Anthony a nonattainment	14	
15	area?	15	
16	MR. SINGLETON: Anthony is a nonattainment	16	
17	area due to PM10. It is one of the areas of the state	17	
18	that experiences high wind dust events, so there is	18	•
19	little that the Department can do to control high wind	19	
20	dust events. Although, the next proposal on fugitive	20	
21	air will address some of those issues.	21	
22	MR. HOLT: Fugitive dust control?	22	
23	MR. SINGLETON: Yes.	23	
24	MR. HOLT: Other than deleting Section 109	24	
25	dealing with TSP, you are not proposing any changes to	25	
	18		20
1	this particular regulation; correct?	1	REPORTER'S CERTIFICATE
2	MR. SINGLETON: Correct.	2	I, HAYLEY P. MacDONALD, CSR, RPR, NM CCR #140, DO
3	MR. HOLT: What effect will it have on	3	HEREBY CERTIFY that on September 28, 2018, the
4	industry? Will it require anything additional of them	4	proceedings in the above-captioned matter were taken
5	to delete Section 109?	5	before me, that I did report in stenographic shorthand
6	MR. SINGLETON: No. It will actually be less	6	the proceedings set forth herein, and the foregoing
7	of a burden, because they won't have to model for TSP,	7	pages are a true and correct transcription to the best
8	so it would be easier for them to get a permit.	8	of my ability.
9	MR. HOLT: And their obligations to comply	9	I FURTHER CERTIFY that I am neither employed by
10	with PM10 or 2.5 is only a matter of federal law?	10	nor related to nor contracted with (unless excepted by the rules) any of the parties or attorneys in this case,
11	MR. SINGLETON: It is, but the state	12	and that I have no interest whatsoever in the final
12	implements the federal standards through our rules.	13	disposition of this case in any court.
13	MR. HOLT: Fair enough.	14	·
14	I have no other questions.	15	
15	Does anyone here have any questions?	16	
16	Hearing none.	17	
17	Ms. Bannerman, anything further?	18	
1 to 1	ms. Baimer man, anything runther:		HAYLEY MacDONALD, RPR
18	MS. BANNERMAN: No, that's it.		
	STORM A TRANSPORTER TRANSPORT A MANAGEMENT AND A MANAGEME	19	Certified Court Reporter #140
18	MS. BANNERMAN: No, that's it.		Certified Court Reporter #140 License Expires: 12/31/2018
18 19	MS. BANNERMAN: No, that's it. MR. HOLT: Any closing remarks?	20	
18 19 20	MS. BANNERMAN: No, that's it. MR. HOLT: Any closing remarks? MS. BANNERMAN: Oh, well, at this time we	20 21	
18 19 20 21	MS. BANNERMAN: No, that's it. MR. HOLT: Any closing remarks? MS. BANNERMAN: Oh, well, at this time we would yes. Thank you, Mr. Hearing Officer.	20 21 22	
18 19 20 21 22	MS. BANNERMAN: No, that's it. MR. HOLT: Any closing remarks? MS. BANNERMAN: Oh, well, at this time we would yes. Thank you, Mr. Hearing Officer. At this time we the Department respectfully	20 21 22 23	
18 19 20 21 22 23	MS. BANNERMAN: No, that's it. MR. HOLT: Any closing remarks? MS. BANNERMAN: Oh, well, at this time we would yes. Thank you, Mr. Hearing Officer. At this time we the Department respectfully requests that the Board adopts the Department's proposed	20 21 22	

#	5	14:3 address [3] - 8:7,	Anthony [3] - 14:23, 17:14, 17:16	Board [17] - 2:2, 2:4, 2:6, 4:3, 4:4, 4:6,
#140 [2] - 20:2, 20:19	5 [2] - 3:14, 15:20	13:2, 17:21 addressed [3] - 7:19,	appeal [1] - 7:8 appearance [1] - 6:8	4:22, 5:24, 7:15, 8:16 8:19, 10:4, 10:21,
1	500 [1] - 11:16 505 [1] - 2:12	7:22, 8:13 addressing [1] - 7:14	applicable [2] - 13:5, 13:11	14:3, 16:9, 16:11, 18:23
	5469 [1] - 2:11	administered [1] -	applicants [1] - 13:4	Board's [1] - 5:2 body [1] - 11:20
1 [5] - 3:10, 4:13, 8:24, 10:1, 10:23 10 [2] - 8:2, 12:3 109 [6] - 10:6, 11:5, 14:18, 15:14, 17:24, 18:5	6	7:1 Administrative [2] - 5:24, 10:7 admit [1] - 8:19 ADMITTED [1] - 3:8 admitted [2] - 8:23,	apply [1] - 5:10 April [2] - 11:12, 12:20 area [5] - 14:24, 17:10, 17:11, 17:15, 17:17	Box [1] - 2:11 brief [1] - 10:16 Briefly [1] - 8:1 briefly [1] - 14:13 Building [1] - 2:5
	6 [3] - 3:15, 14:13, 14:16			
110(1 [1] - 3:15	7	8:24 adopt [3] - 10:4,	areas [2] - 14:23, 17:17	burden [2] - 8:13, 18:7
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