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         BEFORE THE ILLINOIS POLLUTION CONTROL BOARD
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    IN THE MATTER OF:
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    CLEAN CONSTRUCTION OR DEMOLITION
                                      ) R06-19
    DEBRIS FILL OPERATIONS UNDER
                                        )
                                          (Rulemaking-Land)
     PA 94-272 (35 ILL. ADM. CODE
                                        )
 6
    PART 1100)
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              Report of proceedings had at the hearing in
     the above-entitled cause at 100 West Randolph Street,
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     Suite 16-503, Chicago, Illinois commencing at 1:00 p.m.
     on the 26th day of January, A.D., 2006.
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1 MS. ANTONIOLLI: Good afternoon and
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- 2 welcome to the Illinois Pollution Control Board Chicago
- 3 hearing on Docket R06-19.
- 4 The Board encaptions this
- 5 rulemaking "In the Matter Of: Clean Construction or
- 6 Demolition Debris Fill Operations Under P.A. 94-272
- 7 (35 Ill. Adm. Code 1100)" and, as I mentioned, docketed
- 8 as R06-19. And the Board amended the caption slightly
- 9 only to highlight the authorizing Public Act from when
- 10 it was originally filed.
- 11 My name is Amy Antoniolli, and I'm
- 12 the assigned hearing officer in this rulemaking. In
- 13 this proceeding, the Agency is seeking to add a new
- 14 Part 1100 which would allow and regulate the use of
- 15 clean construction or demolition debris as fill
- 16 material in current and former quarries, mines, and
- 17 other excavations. This rulemaking was filed on
- 18 November 21st, 2005, by the Illinois Environmental
- 19 Protection Agency. The Board accepted the proposal for
- 20 hearing on December 1st, 2005.
- 21 Today's the first hearing, and the
- 22 second hearing is scheduled for March 1, 2006. These
- 23 are the only two currently scheduled hearings. The
- 24 second hearing will take place at 10:00 a.m. at the

- 1 Illinois State Museum in Springfield.
- 2 To my left is Member Nicholas
- 3 Melas, and he is the Board member assigned to this
- 4 matter. To the left of him is Chairman Girard, and to
- 5 the left of Chairman Girard is Member Thomas Johnson.
- 6 To my right are the two members of our technical unit,
- 7 Mr. Anand Rao and Alisa Liu.
- 8 If you'd like to testify today and
- 9 you haven't already told me, please let me know.
- Today's proceeding is governed by
- 11 the Board's procedural rules. All information that is
- 12 relevant and not repetitious or privileged will be
- 13 admitted into the record.
- 14 We will begin with the testimony of
- 15 our four witnesses that have prefiled testimony in this
- 16 matter: Ms. Joyce Munie, Mr. Paul Purseglove,
- 17 Mr. Christian Liebman -- Am I pronouncing that right?
- 18 MR. LIEBMAN: That's right.
- MS. ANTONIOLLI: Okay.
- 20 (Continuing.) -- and Mr. Thomas
- 21 Hubbard, all on behalf of the Illinois Environmental
- 22 Protection Agency. We will follow that with any
- 23 questions for the witnesses. Please note that any
- 24 questions posed by the Board members or staff are only

- 1 designed to help develop a more complete record for the
- 2 Board's decision and do not reflect any bias. After
- 3 that, anyone else can testify regarding the proposal.
- 4 Like all witnesses, those who wish to testify will be
- 5 sworn in and may be asked questions about their
- 6 testimony. We'll conclude today's hearing with a few
- 7 procedural items.
- And, Member Melas, before we begin,
- 9 would you like to add anything?
- 10 MR. MELAS: I'd just like to welcome the
- 11 representatives of the Illinois Protection Agency for
- 12 being here with us today and, as well, the members of
- 13 the public. And as the Hearing Officer just said,
- 14 we're here to develop a complete record, and we welcome
- 15 you all here. And we're very much interested to get
- 16 the input that you're going to give us today.
- 17 Thank you.
- 18 MS. ANTONIOLLI: Okay. And before we
- 19 begin, I'd also like to say that for the court
- 20 reporter, who's transcribing today's proceedings,
- 21 please, when you testify or ask questions, for that
- 22 matter, please speak up and don't talk over one another
- 23 so that we have a clear record.
- 24 And now I'll turn it over to the

- 1 proponents and Ms. Flowers.
- MS. FLOWERS: Good afternoon. My name
- 3 is Stephanie Flowers, and I'll introduce our panel
- 4 here.
- 5 This is Chris Liebman, who's
- 6 manager of the solid waste unit in the permit section;
- 7 Joyce Munie, who's manager of the permit section; Mike
- 8 Nechvatal, who's manager of the division of pollution
- 9 control; Thomas Hubbard is the permit writer; and Paul
- 10 Purseglove, who's the manager of field operations. And
- 11 we also have Kyle Rominger, who is also assistant
- 12 counsel with the IEPA.
- I just would like to let everybody
- 14 know that there are copies of the EPA filings out on
- 15 the table in the front, including the testimony.
- 16 Okay. First of all, there was a
- 17 legislation passed this fall that amended the new
- 18 sections to the -- in the Illinois Environmental
- 19 Protection Act that were added this summer under
- 20 94-272. The legislation passed this fall was assigned
- 21 into law last Friday, January 20th, and it is Public
- 22 Act 94-725. This Public Act was referenced in both our
- 23 testimony and the statement of reasons as Senate

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- 1 So at this time I'd like to file 2 Public Act 94-725 with the Board, and I guess that we'd like to mark it as Exhibit 1. MS. ANTONIOLLI: Sure. 5 Does anyone object to marking Public Act 94-725 as Exhibit 1? 6 And seeing none, I will enter this 7 into the record as Hearing Exhibit 1, and you can give 8 a copy to the court reporter. 10 (Hearing Exhibit No. 1 marked as 11 requested.) MS. FLOWERS: This legislation is also 12 out on the table in the back. 13 14 And now we'll do testimony, and I have a document I'd like Joyce to tell me what that is. 15 MS. ANTONIOLLI: And before you begin, 16 17 can we have your witnesses sworn in? 18 MS. FLOWERS: Yes. 19 (Witnesses sworn.)
- what the document is?

MR. FLOWERS: Joyce, can you let me know

MS. MUNIE: Yes. This is my prefiled

23 testimony in support of this rulemaking.

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- 1 accurate copy of what was filed before the Board?
- 2 MS. MUNIE: Yes.
- 3 MS. FLOWERS: Okay. If I could have
- 4 that entered as Exhibit 2 -- Oh, yes. I forgot to
- 5 mention there was a page missing in Joyce's testimony.
- 6 It was inadvertently omitted, and the testimony now
- 7 that has been entered does have page 11. And also, out
- 8 on the table, there's testimony that does include that
- 9 page as well.

- 10 MS. ANTONIOLLI: Okay. Does anyone
- 11 object -- Do I have any objections to entering the
- 12 testimony of Joyce Munie into the record as Exhibit 2?
- 13 And seeing none, I'll mark this as
- 14 Exhibit 2.
- MS. FLOWERS: And I do have copies for
- 16 all of you of the testimony so that we all have
- 17 page 11.
- 18 And if I could have Mr. Liebman
- 19 verify that document. Could you tell us what the
- 20 document is first?
- 21 MR. LIEBMAN: This is a copy of my
- 22 prefiled testimony.

- 23 MS. FLOWERS: And is it a true and
- 24 accurate copy of what was filed before the Board?

- 1 MR. LIEBMAN: Yes.
- MS. FLOWERS: And if I could have that
- 3 document marked Exhibit 3.
- 4 MS. ANTONIOLLI: Does anyone object to
- 5 marking the testimony of Mr. Liebman in support of the
- 6 EPA's proposal to adopt this rulemaking as Exhibit 3?
- 7 And seeing none, I will mark this
- 8 as Exhibit 3.
- 9 MS. FLOWERS: And, Mr. Hubbard, if I
- 10 could ask you to verify that document.
- 11 MR. HUBBARD: This is a copy of the
- 12 prefiled testimony I submitted to the Board.
- MS. FLOWERS: And is it a true and
- 14 accurate copy of what was submitted?
- MR. HUBBARD: Yes.
- 16 MS. FLOWERS: And if I could have that
- 17 document marked Exhibit 4.
- 18 MS. ANTONIOLLI: Okay. Is there any
- 19 objection to entering Mr. Tom Hubbard's prefiled
- 20 testimony into the record as Exhibit 4?
- 21 And seeing none, I'll enter this as
- 22 Exhibit 4.

- MS. FLOWERS: And if I could have
- 24 Mr. Purseglove verify this document.

- 1 MR. PURSEGLOVE: This is a copy of my
- 2 prefiled testimony.
- 3 MS. FLOWERS: And is it a true and
- 4 accurate copy that was filed before the Board?
- 5 MR. PURSEGLOVE: Yes.
- 6 MS. FLOWERS: And if I could have
- 7 Mr. Purseglove's testimony entered as Exhibit 5.
- 8 MS. ANTONIOLLI: Okay. Is there any
- 9 objection to entering Mr. Purseglove's testimony into
- 10 the record as Exhibit 5?
- 11 And seeing none, I'll mark this EPA
- 12 Exhibit 5.
- MS. FLOWERS: We're going to proceed,
- 14 with your permission, as if the testimony has been read
- 15 into the record.
- MS. ANTONIOLLI: Okay.
- 17 MS. FLOWERS: And I believe Joyce Munie
- 18 has a clarification on her testimony, and then the
- 19 panel would be open for questions.
- 20 MS. ANTONIOLLI: Okay. And before we
- 21 start, I'll ask if anyone else in the -- any other

- 22 member of the public would like a copy of this
- 23 testimony because it will be entered into the record as
- 24 if read.

- 1 So again, there's extra copies out
- 2 in -- just right outside the door.
- 3 And you can go ahead.
- 4 MS. FLOWERS: Okay. Joyce.
- 5 MS. MUNIE: Yes. There is a
- 6 clarification in regards to the exemption for the IDOT
- 7 specifications.
- 8 In my testimony, I discussed that
- 9 the IDOT specifications are specifically for Department
- 10 use. And the law itself has this exception in it where
- 11 it exempts someone following the Illinois Department of
- 12 Transportation's specifications -- are exempt from
- 13 these regulations.
- 14 The clarification I'd like to give
- 15 to my original testimony is the fact that it appeared
- 16 in my testimony that "Department," as defined in the
- 17 IDOT specifications, was only the Department of
- 18 Transportation. But the definition in the IDOT
- 19 specification stands on its own, and it is -- it does
- 20 go beyond the IDOT engineers themselves. It includes
- 21 the county board when the county is awarding authority

- 22 on specifications on a grant on a contract. It also
- 23 includes the council -- city council, president, board
- of trustees when the city, village, or town is the

- 1 awarding authority. It further goes on to include the
- 2 county or municipality and the Illinois Department of
- 3 Transportation when Illinois Department of
- 4 Transportation is the awarding agency and the county
- 5 and municipality is supervising construction.
- 6 So this is a reminder that although
- 7 the legislation exempts them from a permit, it does not
- 8 exempt them from the requirement of the Acts -- the Act
- 9 itself, but this just gives them exemption from the
- 10 permits that we are proposing in these regulations.
- 11 MS. ANTONIOLLI: Okay. Thank you.
- MR. RAO: Just a quick follow-up.
- MS. ANTONIOLLI: Sure. Do you have
- 14 something?
- MR. RAO: Yeah.
- 16 Does the rule also reflect your
- 17 position?
- 18 MS. MUNIE: Yes. The rule itself has
- 19 the exemption that comes out of the legislation, and
- 20 the rule and the law specifically goes to Illinois

- 21 Department of Transportation specifications. It
- 22 exempts someone who is following Illinois Department of
- 23 Transportation specifications, and the specifications
- 24 are a published document that are available to anyone.

- 1 And the definitions, specifically the definition I just
- 2 gave, comes directly out of the Department of
- 3 Transportation's specifications.
- 4 MS. ANTONIOLLI: Okay. Now, at this
- 5 time would you like to open your panel up for
- 6 questions?
- 7 MS. FLOWERS: Yes.
- 8 MS. ANTONIOLLI: Okay. And is there
- 9 anyone from the public who has questions for the
- 10 witnesses at this time?
- 11 MS. MANNING: Claire Manning on behalf
- 12 of the City of Chicago.
- 13 First of all, we'd like to thank
- 14 the Agency. The City of Chicago has been discussing
- 15 the rule with the Agency at great length just to ensure
- 16 that the City has an understanding, with all of the
- 17 excavations that it does on a daily basis and its
- 18 maintaining of its roads and its maintenance operations
- 19 and its various departments -- that it has a clear
- 20 understanding of how the rule will impact City

- 21 operations. And to that end, we have been discussing,
- 22 potentially, a section in the rules that we have been
- 23 working out and hopefully we'll get to the Board before
- 24 the March 1st meeting that will deal with an issue

- 1 regarding public ways and when excavations are in the
- 2 public ways.
- 3 But I do have a couple of
- 4 questions. Whether you want to answer them today or
- 5 not, that's fine with me. If you'd like to put it in
- 6 writing, whatever the Board's pleasure is in terms of
- 7 the questions; but we'd like some definition, I think,
- 8 on the -- The statute uses the word "excavation."
- 9 The City of Chicago, as an example,
- 10 probably has 17,000 digs a year where they have to call
- 11 Julie and make sure that that they understand where
- 12 they're digging.
- Their concern is: Will permits be
- 14 required in each of those kinds of excavations? And
- 15 what line of demarcation is there going to be in terms
- 16 of an excavation that actually is a fill operation,
- 17 therefore, under the confines of the Act, requiring a
- 18 permit?
- 19 I think we understand the big ones,

- 20 you know, and when those are going to require a permit
- 21 but the day-to-day kind of maintenance work that's done
- 22 on the part of the City ...
- 23 So I guess what I'd ask the Agency
- 24 is: In the context of that kind of work, has the

- 1 Agency really considered what is an "excavation," and
- 2 have you sort of talked about the idea of defining the
- 3 word "excavation"?
- 4 MS. ANTONIOLLI: And, again, that's
- 5 something you can answer now, if you feel comfortable,
- 6 and even add more later.
- 7 MS. MUNIE: Yes. The Agency has
- 8 discussed "excavation," and we were unable to come up
- 9 with a clear definition specifically during the time
- 10 frame that we had. We also didn't feel that it was
- 11 high on priority for us to put our time and effort, at
- 12 that point, in it.
- 13 However, we will continue to
- 14 discuss it before the next hearing, and we'll provide
- 15 at least a response as to what our opinion is to allow
- 16 the Board to consider that during their discussions.
- 17 MS. MANNING: Okay. How about the words
- 18 "fill operation"? Have you considered whether -- For
- 19 example, a maintenance project that takes part of a

- 20 sidewalk or part of a -- and the backhoe moves it
- 21 somewhere else and moves it to another area within
- 22 close proximity but what the Agency may traditionally
- 23 consider a different site, has the Agency talked about
- 24 or considered how it would deal with those kinds of

- 1 situations, whether there's a fill operation there or
- 2 not? What is a "fill operation"?
- MS. MUNIE: And I believe that the
- 4 response to the question on excavation, if we can get
- 5 you a definition of "excavation," that would answer
- 6 this question. I believe that's just the other end of
- 7 the coin in that question.
- 8 MS. MANNING: Okay. And then you're
- 9 willing to look at that and get a response to the
- 10 Board?
- 11 MS. MUNIE: Yes. We will get an opinion
- 12 and comments to the Board before the next hearing.
- MS. MANNING: Great. Thank you.
- MR. PURSEGLOVE: I have a follow-up,
- 15 Claire, on your first question.
- 16 Are you wondering -- Or is the City
- 17 wondering, if they do an excavation at one of these
- 18 17,000 digs a year, if this law would preclude them

- 19 from backfilling that hole?
- MS. MANNING: Yes.
- 21 MR. PURSEGLOVE: I don't think that
- 22 there's -- We will -- We can certainly follow up on
- 23 that. But I don't think that we ever envisioned
- 24 requiring a permit to backfill a sewer cut that the

- 1 City or any municipality might be doing. If you dig
- 2 out dirt, put in a sewer, and put that dirt back in the
- 3 hole, these rules are not applicable to that.
- 4 MS. MANNING: The question is when you
- 5 move it from one hole to another, potentially.
- 6 MR. PURSEGLOVE: Right.
- 7 MS. MANNING: Right. If the hole's down
- 8 the street or across the street or in a different
- 9 place, the City typically moves it from one place to
- 10 another. And it's a backfill, but it may not be in the
- 11 same location.
- MR. PURSEGLOVE: Right.
- MS. MANNING: That's the issue.
- MR. PURSEGLOVE: Okay.
- MR. RAO: Ms. Munie, just so I know --
- 16 you know, we also had the same questions about what an
- 17 "excavation" means or what would be a typical CCDD fill
- 18 operation. So, you know, whatever response that you

- 19 give would be helpful for us.
- MS. MUNIE: Okay.
- 21 MS. ANTONIOLLI: Further questions?
- MS. MANNING: Just a couple.
- 23 The question of clean construction
- or demolition debris and the word "clean" and the

- 1 statutory use of the word "uncontaminated," has the
- 2 Agency considered or -- the whole idea of what it would
- 3 consider to be -- in permitting this program and in
- 4 regulating this program, what it considers to be
- 5 "uncontaminated debris" and how it will make those
- 6 decisions?
- 7 MS. MUNIE: And the answer is: As far
- 8 as "uncontaminated," under this definition under the
- 9 statute and under these rules, this legislation did not
- 10 change the term "uncontaminated" --
- 11 MS. ANTONIOLLI: Ms. Munie, can I have
- 12 you --
- MS. MUNIE: Oh, sure.
- 14 MS. ANTONIOLLI: -- talk towards the
- 15 court reporter?
- 16 And I apologize --
- MS. MUNIE: That's okay.

- 18 MS. ANTONIOLLI: -- for this sort of
- 19 orientation --
- 20 MS. MANNING: That's okay. I can hear
- 21 her from the back.
- MS. ANTONIOLLI: Okay.
- MS. MUNIE: As far as the term
- 24 "uncontaminated" goes in this rulemaking and in the

- 1 legislation, it has not changed from the law for the
- 2 last 15 years. This law has been in effect and has
- 3 been used for 15 years, and the term "uncontaminated"
- 4 has always been in that law. So we did not feel that,
- 5 under these rules, there was a necessity to define that
- 6 term.
- 7 MS. ANTONIOLLI: Do you have any further
- 8 questions --
- 9 MR. RAO: I have a follow-up --
- 10 MS. ANTONIOLLI: -- Mr. Rao --
- 11 MR. RAO: -- on that --
- MS. ANTONIOLLI: -- on that point?
- MR. RAO: Yeah.
- 14 Ms. Munie, you just mentioned how
- 15 you have been implementing this program for the last
- 16 15 years.
- So how have you been, you know,

- 18 determining what is contaminated and what is
- 19 uncontaminated in your current program?
- 20 MS. MUNIE: Sure. And I didn't mean to
- 21 say that we've been implementing this law for the last
- 22 15 years because we have not been implementing the law.
- 23 The law stood on its own and allowed an exemption from
- 24 the term "waste" using the term "uncontaminated." It

- 1 was a matter of, we knew contaminated when we saw it.
- 2 It was an enforcement issue. And when the materials
- 3 were not meeting the definition of "clean construction
- 4 or demolition debris" as defined, which is very
- 5 specific materials that are not contaminated, then, if
- 6 it did not meet that law, we would enforce against it.
- 7 MR. RAO: Okay. More specifically, in
- 8 the definition of "clean construction or demolition
- 9 debris," there's also, you know, terms used there that
- 10 says -- talks about "uncontaminated soil," and it
- 11 prohibits any commingling of uncontaminated soil with
- 12 the CCDD.
- 13 So is there any specific
- 14 demonstrations that the Agency requires, or is it just
- 15 you go with the law as you just mentioned now?
- MS. MUNIE: We just go with the law as I

- 17 mentioned. The demonstration is that the soil is not
- 18 mixed with other clean construction or demolition
- 19 debris, and there's no -- It's not a prohibition
- 20 against mixing the two. It's just that if they are
- 21 mixed, then the soil, in addition to the clean
- 22 construction or demolition debris, becomes clean
- 23 construction or demolition debris.
- MS. ANTONIOLLI: And is that

- 1 determination made at the time that it arrives at the
- 2 fill site or when it leaves the site of origin?
- 3 MS. MUNIE: Under these rules, that's
- 4 determined at the point it comes into the fill site.
- 5 These rules are not -- are meant to regulate only the
- 6 fill site. It is the upstream end of this system.
- 7 It's not meant to be covered by these rules.
- MS. ANTONIOLLI: Okay. Thank you.
- 9 Does anyone have anything further
- 10 on this point?
- 11 And, Ms. Manning, would you like to
- 12 continue with questions?
- 13 MS. MANNING: Just so that I understand
- 14 the issue of -- And maybe that answer answers it, but
- 15 the issue of uncontaminated -- I understand that we've
- 16 been working with this law for a long time. But you

- 17 would agree, would you not, that the whole nature of
- 18 whether something's contaminated or clean has changed
- 19 with the outset of TACO and risk-based objectives on
- 20 soil cleanup; and, as a result of that, there may be
- 21 different levels of clean or contaminated for various
- 22 different uses in certain areas.
- MS. MUNIE: Actually, no, I would not
- 24 agree with that statement. TACO is the tiered approach

- 1 to cleanup objectives, and it is meant to be,
- 2 specifically, levels that are safe to remain at a site
- 3 when that specific site is being used in a specific
- 4 manner. It does not give levels of what clean soil is
- 5 or uncontaminated soil. It is a level -- risk-based
- 6 level of cleanup for already precontaminated sites.
- 7 MS. MANNING: So does that mean, then,
- 8 that the Agency's definition of "uncontaminated" means
- 9 pure, clean, absolutely made of virgin soil?
- 10 MS. MUNIE: The Agency's definition of
- "uncontaminated" comes from the term "uncontaminated"
- 12 which is a defined environmental term that means it is
- 13 not contaminated with something else.
- 14 MS. MANNING: That's all for now, I
- 15 think, with that.

- 16 If I might ask about the IDOT
- 17 specifications just briefly so that I understand,
- 18 Joyce, your testimony at the beginning and the
- 19 clarification.
- The statute, I think, talks about a
- 21 use consistent with IDOT specifications.
- You would agree with that as well,
- 23 that what you said earlier today if a municipality
- 24 uses -- their use is consistent with the IDOT

- 1 specifications, that exemption applies; is that
- 2 correct?
- 3 MS. MUNIE: And when you use the term
- 4 "consistent," I would agree that if a municipality uses
- 5 and follows the specifications, then it applies to the
- 6 municipality.
- 7 MS. MANNING: Okay. Thank you.
- 8 MS. ANTONIOLLI: Okay. Thank you,
- 9 Ms. Manning.
- 10 Is there anyone else that has any
- 11 questions at this point?
- 12 MR. GIRARD: Well, I have a question.
- MS. ANTONIOLLI: And we do. Please,
- 14 ask.
- MR. GIRARD: In looking at these

- 16 definitions, I have a question here and it deals with
- 17 the definition of "clean construction or demolition
- 18 debris, " and it says that it means uncontaminated
- 19 broken concrete without protruding metal bars.
- 20 So that means that you can have a
- 21 chunk of concrete and have rebar in it and it still can
- 22 be clean construction debris as long as it's not
- 23 protruding?
- MS. MUNIE: Yes.

- 1 MR. GIRARD: But if it's protruding half
- 2 an inch, does that mean that it's not clean?
- 3 MS. MUNIE: I will tell you that from a
- 4 practical standpoint, we look at really -- from an
- 5 enforcement standpoint, what the -- how close it could
- 6 get cut off, and that's based on equipment that is
- 7 used. And a half an inch of protruding rebar really is
- 8 about as close as they can get to the concrete to cut
- 9 it off.
- 10 MR. GIRARD: So at what point do you
- 11 enforce?
- MS. MUNIE: That's up to the field
- 13 office on a case-by-case basis, and it's one of those,
- 14 "You'll know it when you see it," but it's hard to

- 15 define as far as defining it with a de minimis level of
- 16 what that protruding rebar is.
- 17 MR. GIRARD: So to be safest, you either
- 18 have it flush or within half an inch or you just crush
- 19 it all up and pull the iron out?
- 20 MS. MUNIE: To be safe, you would crush
- 21 it all up and pull the iron out. That would be,
- 22 clearly, the safest.
- MR. GIRARD: Thank you.
- 24 MR. PURSEGLOVE: I might add that what

- 1 we're seeing in the field is very small, de minimis
- 2 amounts of concrete going into these kinds of fill
- 3 operations because there is a network of
- 4 concrete-recycling plants around the state. And people
- 5 who have large volumes of concrete deliver that
- 6 concrete to the crushers who crush it and then market
- 7 it as kind of a surrogate for aggregate. It's not that
- 8 the CCDD sites won't except some concrete, but the vast
- 9 majority of it is going to recycle as opposed to
- 10 disposal sites.
- 11 MR. GIRARD: Thank you.
- MS. ANTONIOLLI: Okay. And the Board
- 13 and the Board's technical unit have more questions for
- 14 the witnesses. We'll start with some general questions

- 15 and then try to go through the proposed rule section by
- 16 section.
- 17 So do any of the Board members have
- 18 questions at this time?
- 19 MR. RAO: Ms. Munie, I had some general
- 20 questions about -- just to get a handle on the CCDD
- 21 fill operations.
- How many of these, you know, I'd
- 23 say, fairly bigger fill operations are currently, you
- 24 know, operating in the state? Do you have a number or

- 1 estimate?
- MS. MUNIE: Under this law, there was a
- 3 first interim application that had to come to us and
- 4 notification that came to us, and there were 87 that
- 5 applied for that. We think, possibly, there might be a
- 6 few more out there that did not become aware of the
- 7 law. But there are at least 87 who wanted to continue
- 8 to operate under the new standards.
- 9 MR. RAO: And with these 87 or so
- 10 applications that you received, have you had an
- 11 opportunity to go through these applications and see
- 12 how big these facilities are, how much CCDD they are
- 13 taking in on an annual basis?

- MS. MUNIE: We have the statistics on
- 15 how much they take in on an annual basis on some major
- 16 categories. We have not had a chance to really go
- 17 through those statistics yet. And specifically, with
- 18 these interim applications or authorizations, it is
- 19 just more a locational-type application as opposed to
- 20 how large the facility itself is.
- 21 MR. RAO: Okay. Any information that
- 22 you may have regarding these facilities in terms of the
- 23 number of facilities and the size or where they're
- 24 located, if you could, you know, provide that

- 1 information into the record, that would be helpful.
- 2 MS. MUNIE: We will -- We'll provide
- 3 that information before the next hearing. We should be
- 4 able to develop a map for you, show you the locations,
- 5 and give you our statistics on it.
- 6 MR. RAO: That would be helpful.
- 7 And there are some other general
- 8 questions that I had related to the economic impact of
- 9 this rulemaking.
- 10 In your testimony -- or in the
- 11 statement of reasons, you have mentioned that one of
- 12 the costs that these facilities may face is going
- 13 through the permit process, and there's a mention that

- 14 it should not be unduly burdensome.
- 15 If it's possible for you to give us
- 16 some dollar estimate about how much it takes for
- 17 these -- one of these facilities to go through the
- 18 permit process and how much it may cost the Agency to
- 19 issue the permit, that will help us deal with the
- 20 economic impact of this rule.
- 21 MS. MUNIE: We'll try to develop
- 22 something before the next rulemaking [sic].
- 23 MR. RAO: Okay. And on page 2 of the
- 24 statement of reasons, you have provided a list of

- 1 persons who attended the Agency's outreach meetings.
- 2 Could you comment on whether this
- 3 list provides a good representation of the entities
- 4 being -- or that will be regulated under this rule?
- 5 MS. MUNIE: We believe it does provide a
- 6 good representation of the entities being regulated
- 7 under these rules. We had a couple of organizations
- 8 that were represented and then individual members from
- 9 within those organizations. We did minimal outreach
- 10 because of the time that we had available to us but
- 11 significant, considering the limited amount of time.
- MR. RAO: And in the applicability

- 13 section, 1100.101(a), the proposal sets forth that the
- 14 proposed rules do not apply to CCDD fill operations
- 15 permitted pursuant to 35 Ill. Adm. Code 807 or 811
- 16 through 814.
- 17 I realize that these are the
- 18 facilities permitted under the landfill rules. So is
- 19 the rationale here for this exemption that since they
- 20 go through the landfill permitting, those sites should
- 21 be okay to accept this CCDD?
- MS. MUNIE: Yes. The rationale is that
- 23 a facility that's permitted as a landfill -- a
- 24 municipal waste landfill, a chemical waste landfill, or

- 1 a putrescible waste landfill -- would be more
- 2 protective than the regulations we're proposing here
- 3 for these fill operations. And, in fact, those
- 4 facilities are allowed to accept construction and
- 5 demolition debris as part of their entire waste
- 6 treatment. It's part of a municipal waste stream, and
- 7 they have been and continue to accept those types of
- 8 materials.
- 9 MR. RAO: Can similar exemptions be
- 10 provided for landfills regulated under 816 and 817?
- 11 MS. MUNIE: Landfills that are regulated
- 12 under 816 and 817 would not be accepting these type of

- 13 material.
- 14 MR. RAO: All right. And I had one more
- 15 clarification about your IDOT exemptions -- the
- 16 specifications.
- 17 So any entity that follows the IDOT
- 18 specifications are completely exempted from this rule?
- 19 MS. MUNIE: No. It's quite the
- 20 opposite. Only the county boards, city councils,
- 21 municipalities, only the groups that are defined in the
- 22 IDOT specifications as the "Department" because the
- 23 specifications under IDOT are clear that they only
- 24 apply to the Department.

- 1 MR. RAO: Should that be made part of
- 2 our rules, too, to clarify, you know, the applicability
- 3 of the rules?
- 4 Because right now, when I read
- 5 this, it seems like, you know, as long as they're
- 6 following the -- you know, the use of CCDD complies
- 7 with IDOT specifications, that they're exempted.
- 8 So somebody has to go to the IDOT
- 9 rules to figure out who it applies to?
- 10 MS. MUNIE: Someone would have to know
- 11 what the IDOT specifications are to follow the IDOT

- 12 specifications, and the IDOT specifications only apply
- 13 to -- have a requirement that the Department approve
- 14 it.
- MR. RAO: Would it be acceptable to the
- 16 Agency if we provide a citation to the IDOT
- 17 specifications in the rules as far as, you know,
- 18 pursuant to whatever section of the --
- 19 MS. ANTONIOLLI: In addition to the Act
- 20 citation?
- 21 MR. RAO: Yeah.
- MS. MUNIE: Of course.
- MR. RAO: Okay.
- MS. MUNIE: Would you like us to provide

- 1 that?
- 2 MR. RAO: I think so. It would be
- 3 helpful.
- 4 MS. MUNIE: Yes. We will provide that
- 5 before the next hearing.
- 6 MS. ANTONIOLLI: Actually, I think that
- 7 is part of the testimony, too.
- 8 MS. MUNIE: It is part of the testimony.
- 9 MS. ANTONIOLLI: If you could just put
- 10 that into the rule language.
- MS. MUNIE: Okay.

- MS. FLOWERS: What are we clarifying?
- 13 We're clarifying the sections of which -- the Agency
- 14 sections of the IDOT specs that we think are
- 15 applicable?
- 16 MS. ANTONIOLLI: The exemption that's
- 17 part of this --
- 18 MR. RAO: We want a cross-reference to
- 19 the IDOT specifications.
- 20 MS. MUNIE: Okay. And our only concern
- 21 on that is that IDOT can change their specifications.
- 22 They can also change their numbering on the
- 23 specifications, okay. So it was a concern and really
- 24 why we did not do it to start with.

1 However, we will be glad to provide

- 2 that to you. And if you decide to do it, that's
- 3 entirely up to you.
- 4 MS. LIU: I think in a public comment,
- 5 too, Rockford Sand & Gravel had read the language and
- 6 tried to see how they could apply the IDOT
- 7 specifications, and I don't think they ran across the
- 8 same definition of "Department" you did. Otherwise,
- 9 they would have realized it, and it would have opened
- 10 things up for them.

11 Would it be helpful to provide a

- 12 Board Note that said that this would apply to
- 13 departments such as county boards and city councils and
- 14 municipalities rather than having someone completely
- 15 skip over it and think that they're not eligible for
- 16 that exemption?
- 17 MS. MUNIE: I think a Board Note could
- 18 provide better clarification. Again, the danger would
- 19 be IDOT could open their specifications and go beyond
- 20 municipality, county, and other groups.
- 21 However, under the -- the Board
- 22 Note being not really the regulation itself, it may
- 23 provide a little more -- provide the clarification
- 24 without the constraints.

- 1 MR. RAO: We can list the entities that
- 2 we know now that are in the IDOT specifications
- 3 (inaudible) "during but not limited to," that kind of
- 4 language in there.
- 5 And I have one more follow-up about
- 6 an earlier topic we talked about, the uncontaminated
- 7 soil. There was a public comment filed by the
- 8 Aggregate Producers. In that comment, they had
- 9 requested that the Board ask the Agency to confer with
- 10 them to come up with a definition for "uncontaminated

- 11 soil."
- 12 So my question is: Has the Agency
- 13 already, you know, done something with Aggregate
- 14 Producers or in the process of ...
- MS. MUNIE: The Agency, as part of our
- 16 outreach, did consult with Aggregate Producers, and
- 17 this was an area where we were unable to come up with
- 18 any consensus.
- 19 MR. RAO: Okay. Under Section 1100.201,
- 20 it specifies the prohibitions. 201 subsection (c)
- 21 prohibits CCDD operations within a potable water supply
- 22 well setback zone and that protection area is
- 23 designated by USEPA.
- 24 Could you clarify whether these

- 1 prohibitions addressed regulated recharged areas
- 2 delineated by the Board under Section 17.4?
- 3 MS. MUNIE: I don't believe they cover
- 4 those same areas.
- 5 MR. RAO: Do you believe a prohibition
- 6 should apply to regulated recharged areas?
- 7 MS. MUNIE: It was one that was not
- 8 provided for in the legislation, and therefore, we did
- 9 not go beyond what the legislation clearly put into it.

- 10 And we were not -- We were not willing to go beyond
- 11 what we thought the legislation allowed us.
- MS. FLOWERS: Basically that's just a
- 13 listing of what was in 3.160 of the Illinois EPA Act.
- MR. RAO: Okay. But --
- 15 MS. FLOWERS: We never really discussed
- 16 anything other -- I mean, we didn't really discuss the
- 17 issue. We just went ahead and put that in.
- 18 MR. RAO: Do you believe it's consistent
- 19 to protect regulated recharged areas the same way you
- 20 protect well setback zones?
- 21 MS. MUNIE: It would be consistent with
- 22 our landfill regulations. However, these are not
- 23 landfills.
- 24 MR. RAO: Okay.

- 1 MS. LIU: In that same section, I had a
- 2 question also.
- 3 1100.201(b) states, "CCDD fill
- 4 operations must not accept material other than CCDD for
- 5 use as fill." Does that mean that no other fill
- 6 material would be allowed?
- 7 MS. MUNIE: Correct, because anything
- 8 else would be contaminated or a waste. This is the
- 9 only material that is defined as not being a waste when

- 10 used in this manner.
- MS. LIU: Does that mean that someone
- 12 wouldn't be allowed to bring in a clean load of sand or
- 13 gravel to place in the same fill areas as CCDD?
- 14 MS. MUNIE: No, because that material is
- 15 not a waste. It's dirt.
- MS. LIU: So it wouldn't be allowed?
- MS. MUNIE: It would be allowed, yes.
- 18 MS. LIU: It would be allowed?
- 19 MS. MUNIE: It would be allowed, but if
- 20 it came from construction or demolition debris -- a
- 21 construction and demolition site, it would -- when
- 22 commingled with that CCDD, clean construction or
- 23 demolition debris, it would become clean construction
- 24 or demolition debris because it was, at that point,

- 1 commingled.
- MS. LIU: What if it was not commingled;
- 3 it was brought in separately?
- 4 MS. MUNIE: Then it's just dirt.
- 5 MS. LIU: And you could put dirt --
- 6 MS. MUNIE: You can put dirt in these
- 7 holes, yes.
- 8 MS. FLOWERS: It would not be a CCDD

- 9 fill operation at that point.
- 10 MS. LIU: Okay. That would be helpful
- if you could define "fill operation," then.
- 12 Is it -- Does it just apply truck
- 13 by truck, or does it apply to the whole site?
- 14 MS. MUNIE: Okay. And "CCDD fill
- 15 operation" is defined specifically as the use of CCDD
- 16 as fill material in a current or former quarry, mine,
- 17 or other excavation. So it's specifically the use of
- 18 clean construction or demolition debris as the fill.
- 19 MR. RAO: I guess -- You know what Alisa
- 20 is asking is -- correct me if I'm wrong -- the proposed
- 21 language says "CCDD fill operation must not accept
- 22 material other than CCDD." And I thought your reply to
- 23 her question was CC- -- that CCDD fill operations is
- 24 prohibited from accepting any waste, but they can

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accept other clean material.

- 2 Is that correct?
- 3 MS. MUNIE: That's correct. That's just
- 4 dirt.
- 5 MR. RAO: So in this proposed language,
- 6 should this read as "CCDD fill operations must not
- 7 accept other waste" or "material"?
- 8 MS. MUNIE: When it's talking about

- 9 this, it's saying for use as fill, okay, and it is just
- 10 the use as fill that the -- it could only be clean
- 11 construction or demolition debris. It's not the --
- 12 It's not the filling of the hole. It's for use as fill
- 13 within -- within this hole.
- 14 MS. LIU: I guess the way I read it, in
- 15 a very practical sense, is that it says if you've got a
- 16 fill operation for CCDD, then it's exclusive to CCDD.
- 17 I don't read into that statement that you can bring in
- 18 a clean load of sand or gravel that's not associated
- 19 with that demolition project.
- 20 MS. ANTONIOLLI: I think maybe -- Is it
- 21 the word "material" that you're actually ...
- MS. FLOWERS: We might need to propose a
- 23 clarification as to what the definition of "clean
- 24 construction or demolition debris" is because there is

- 1 a provision there that if anything is commingled with
- 2 CCDD, it becomes CCDD. And that is where you're saying
- 3 a load of sand, but if it's going in to be fill with
- 4 other CCDD, it is itself CCDD.
- 5 MS. ANTONIOLLI: But not anything;
- 6 something that's not otherwise a waste?
- 7 MR. RAO: Uncontaminated.

- 8 MS. ANTONIOLLI: Yeah, uncontaminated.
- 9 MS. FLOWERS: Yes.
- 10 MS. LIU: So although it's not CCDD when
- 11 you bring it into the site to dump it, once you dump
- it, it becomes commingled; then it becomes CCDD?
- 13 MS. MUNIE: Yes. And that was the point
- 14 of the Board Note that we had there. So maybe a
- 15 clarification on the Board Note we have.
- MS. ANTONIOLLI: And the Board Note --
- 17 Yes, that might need a clarification because it doesn't
- 18 have the full definition there of what "uncontaminated
- 19 soil that is being placed as fill material" is.
- MS. MUNIE: Okay.
- 21 MS. ANTONIOLLI: So yeah, that would be
- 22 a good idea.
- MR. RAO: I think, in the Board Note,
- 24 you've got part of the definition there. I think the

- 1 next sentence that follows is where -- you know, "as
- 2 long as it's not commingled."
- 3 MR. RAO: On Section 1100.202, the
- 4 surface water drainage requirements, you have provided
- 5 requirements for runoff control from filled areas and
- unfilled areas. And in subsection (a) -- (a)(1) -- oh,
- 7 it's in (a)(2) -- it says, "All surface water control

- 8 structures must be operated until the final cover is
- 9 placed and the vegetative or other cover meeting the
- 10 requirements of 1100.208 of this Part provides
- 11 erosional stability."
- 12 Does this rule require surface
- 13 water control structures?
- MR. LIEBMAN: Yes.
- MR. RAO: Okay. I didn't see any design
- 16 criteria provided in this rule like you have done for
- 17 diversion of runoff from unfilled areas.
- 18 Is this something that, when the
- 19 facility goes through the NPDES permit, there will be
- 20 specified any additional requirements for surface water
- 21 control structures?
- MR. LIEBMAN: You mean beyond what our
- 23 bureau of water would ask for in a non-CCDD site?
- 24 MR. RAO: Yeah, or something -- No. On

- 1 what basis will they provide -- or construct surface
- 2 water control structures under this rule?
- I didn't see any part of the rules
- 4 that require them to do it. That's my question.
- 5 MR. LIEBMAN: I understand your
- 6 question, and I think it's something we'll need to

- 7 discuss internally and get back to you on.
- 8 MR. RAO: That would be great. Thank
- 9 you.
- 10 MS. FLOWERS: Maybe we ought to clarify
- 11 that.
- 12 Are you asking if we have any other
- 13 surface water control structure requirements in this
- 14 Part 1100 other than what NPDES permits would require?
- MR. RAO: Yeah. I wanted to know, you
- 16 know, whether, first of all, they're required to have
- 17 any surface water control structures because I didn't
- 18 see any requirement in there other than that it should
- 19 be operated. And my other question was whether that
- 20 would be required as a part of the NPDES permit since
- 21 it's not in the rule.
- 22 MS. FLOWERS: Right. And under
- 23 Section 1100.308, that's where we cover surface water
- 24 control, and it does -- does show that they need to

- 1 comply with the NPDES permit.
- 2 MR. RAO: But to me, it seems like
- 3 water -- surface water control structures are
- 4 measured -- will be a part of the NPDES permit under
- 5 309.
- 6 Is that correct?

- 7 MS. FLOWERS: Yes.
- 8 MR. RAO: Okay.
- 9 MS. FLOWERS: I shouldn't answer.
- 10 MR. LIEBMAN: Yes.
- 11 MR. RAO: All right.
- MS. LIU: In Public Comment No. 1, the
- 13 Illinois Association of Aggregate Producers suggests
- 14 adding some language to proposed Section 1100.204(h)
- 15 regarding the final fill elevation. The proposal would
- 16 allow filling higher than the existing elevation for a
- 17 site development or reclamation as long as there is
- 18 Agency approval. And I was wondering if the Agency
- 19 would comment on the Agency's position regarding that
- 20 proposal.
- 21 MR. LIEBMAN: Well, I believe, in this
- 22 comment, they were suggesting that a permit could
- 23 perhaps be issued whereby CCDD material could be used
- 24 to go above the surrounding grades, and that would not

- 1 be consistent with the definition of "clean
- 2 construction or demolition debris" and how it can be
- 3 used such that it's not a waste. So we would not
- 4 support that idea.
- 5 MS. LIU: If the site was intended for

- 6 some sort of future development, how would they get the
- 7 type of grading that they would need if they didn't use
- 8 CCDD --
- 9 MR. LIEBMAN: Using materials other than
- 10 clean construction or demolition debris.
- 11 MS. ANTONIOLLI: As a part of that same
- 12 section, 204, the section immediately before that, (g),
- on noise control, there was also a comment about that
- 14 first sentence under "Noise Control." And I'm
- 15 wondering what the Agency's idea is of how a facility
- 16 is designed to minimize noise that would be audible
- 17 outside of the site or if it would be -- or if you'd
- 18 consider eliminating that first sentence and just going
- 19 with the Board's -- as long as it is in compliance with
- 20 the Board's noise regulation provisions.
- 21 MR. LIEBMAN: I don't believe our intent
- 22 was to make these regulations more stringent than the
- 23 Board's standards.
- MS. ANTONIOLLI: Okay. Are there any

- 1 other questions on that section, 204?
- 2 MR. RAO: I had just a general kind of a
- 3 suggestion to the Agency in that under the operating
- 4 standards for the various provisions that you have, the
- 5 proposed language includes phrases like "safe manner,"

- 6 "proper design," and things like that. It would be
- 7 helpful if you could, you know, be a little bit more
- 8 specific in the proposed language that way we can
- 9 address deeper concerns. It would be a little bit more
- 10 easier for us to deal with them because, a lot of
- 11 times, we get those questions of what it means and I'll
- 12 know where this language is coming from. But it would
- 13 be helpful.
- 14 MR. LIEBMAN: We'll see what we can do.
- MR. RAO: Yeah.
- 16 MS. FLOWERS: Is that only under the
- 17 operating standards?
- MR. RAO: Yes.
- MS. FLOWERS: We'll just come up with
- 20 some different language --
- 21 MR. RAO: Yeah.
- MS. LIU: Mr. Purseglove?
- MR. PURSEGLOVE: Yes.
- MS. LIU: In Public Comment No. 1, the

- 1 Illinois Association of Aggregate Producers also makes
- 2 another suggestion regarding training for
- 3 load-checking. They propose that a mining industry
- 4 would pay for the training program but that there would

- 5 be Agency oversight to ensure continuity and
- 6 consistency. I was wondering if the Agency could
- 7 comment on how they feel about that.
- MR. PURSEGLOVE: Yes, we can. We are --
- 9 We are not supporting such a proposal. We don't have
- 10 the resources to run a training program. There are --
- 11 We anticipate that there will be people operating CCDD
- 12 fill operations who are not necessarily members of the
- 13 Aggregate Producers Association. We don't want to be
- 14 in a position of training and then retraining people.
- 15 The rules as proposed are, we feel, fairly
- 16 straightforward. They do not require a lot of
- 17 training, nothing similar to what it might require for
- 18 Certified Subtitle B, landfill operations.
- 19 MS. FLOWERS: And if I could just
- 20 interject. We did talk with IAAP yesterday or the day
- 21 before about the same issue, and they are comfortable
- 22 with us just providing -- maybe having us come and
- 23 speak at something that they themselves develop the
- 24 training program.

- 1 MS. ANTONIOLLI: Okay.
- MS. FLOWERS: And we're okay with that.
- We just -- We do not want to have the burden of
- 4 developing a program and providing it for everyone.

- 5 MS. LIU: Would it need to be an
- 6 Agency-approved training program?
- 7 MS. FLOWERS: No.
- 8 MR. JOHNSON: What are you -- Are you
- 9 talking about using the PIDs and the FIDs, that
- 10 training? Is that what you're referring to, Alisa?
- 11 MS. LIU: I guess I was just trying to
- 12 establish some sort of minimum training guidelines that
- 13 people would be able to adhere to so that there would
- 14 be some sort of consistency.
- 15 MS. FLOWERS: I think they're wanting
- 16 somewhat of our guidance. I don't really want to say,
- 17 though, whether there would be an approval.
- 18 MS. MUNIE: And I believe what Stephanie
- 19 was stating earlier, about us providing speakers for
- 20 their programs, we do this, typically, on every other
- 21 program where we provide technical expertise and allow
- 22 an organization such as the Aggregate Producers to put
- on training, and we provide the technical part of it.
- 24 The problem with creating an approved program is that

- 1 there are a lot more resources that we have to put into
- 2 it, and we don't have those resources at this time.
- 3 The problem with putting a Board

- 4 regulation where it allows a group such as the
- 5 Aggregate Producers to be -- to provide training that
- 6 is required in these regulations is the Aggregate
- 7 Producers, first of all, may decide that they only
- 8 offer it to their group. Someone has to be a member of
- 9 their group. Also, there is the problem that if
- 10 someone left or their trained person left, the
- 11 Aggregate Producers would have to offer this training
- 12 quite frequently throughout the year, and they may not
- 13 be willing to do a formal training that -- as
- 14 frequently as they -- They realize that they might not
- 15 have to -- They may not realize how frequently it has
- 16 to happen. It's just, in our experience, it has to
- 17 happen quite frequently, and it's just something that
- 18 we don't think we have the resources to put into right
- 19 now.
- MR. RAO: Just a related question.
- 21 Under the recordkeeping requirements that you propose,
- 22 you require these facilities to maintain, you know,
- 23 written provisions for load-checking, load-rejection
- 24 notifications, and training required under 1100.205.

- 1 So if the Agency goes on an
- 2 inspection and they find that whatever information they
- 3 have in their files doesn't, you know, meet your goal

- 4 or standard, then would that be an opportunity for the
- 5 Agency to say, you know, "You should have a better
- 6 training procedure"?
- 7 MS. MUNIE: That would definitely be an
- 8 opportunity for the Agency to assist the company to do
- 9 better training. We would also envision that this
- 10 information would come to us in an application and that
- 11 we would be able to assist them during the application
- 12 process on what -- all they need to do to train their
- 13 employees.
- MR. RAO: Okay.
- MS. LIU: Mr. Purseglove, another
- 16 question following on the suggestion by IAAP about
- 17 Section 1100.205(a) and (b). They suggest some
- 18 language about calibration of instruments, and I was
- 19 wondering what the Agency's position was on that.
- 20 MR. PURSEGLOVE: I need to see that.
- Do you have the response that we
- 22 prepared for IAAP?
- 23 (Document tendered.)
- MR. PURSEGLOVE: Did you submit this to

- 1 them?
- MS. MUNIE: No. That's for us.

- MR. PURSEGLOVE: We feel that these
- 4 instruments should be calibrated with pure air which is
- 5 specified by the manufacturers. It's called a zero gas
- 6 as opposed to zeroing them with air in the atmosphere.
- 7 That would be the proper way to calibrate an instrument
- 8 so that when you turn it on and it reads zero, it is,
- 9 in fact, based on a calibration from zero-gas air.
- 10 MS. LIU: Do you think that there needs
- 11 to be any revision to the language the Agency proposed
- 12 to reflect that?
- 13 MR. PURSEGLOVE: I don't think our
- 14 language needs to be revised. We can look at it again.
- 15 if you think that -- having read it, you think you're
- 16 unclear as to what is required.
- 17 Instrument manufacturers provide
- 18 all that documentation about how to zero and calibrate
- 19 an instrument. Those are the procedures the Illinois
- 20 EPA follows when we use these instruments.
- MS. FLOWERS: Would you suggest a
- 22 clarification, then?
- MS. LIU: I guess IAAP thought there
- 24 should be a clarification. That's why I just wanted to

- 1 follow up with you.
- MS. FLOWERS: Okay.

- 3 MS. ANTONIOLLI: Well, I think what
- 4 their -- Their suggestion was, actually, to change the
- 5 language affirmatively to, "to measure background
- 6 noises as included in the prohibitions." So I think
- 7 the Agency's position is that they're sticking with
- 8 their original -- I don't want to put words in your
- 9 mouth, but I think that's just what he said.
- 10 MR. PURSEGLOVE: That is correct, right.
- MS. LIU: We have a series of questions
- 12 relating to 1100.209, the postclosure maintenance.
- 13 Mr. Liebman, based on your
- 14 experience, once a quarry or a mine or an excavation
- 15 has completed fill activities using CCDD, what are some
- of the final uses of those sites?
- 17 MR. LIEBMAN: Well, the use that the
- 18 Aggregate Producers keep telling us about is a big box
- 19 store.
- 20 MS. LIU: So some type of a building or
- 21 a structure?
- MR. LIEBMAN: Yes.
- MS. LIU: Homes? Would you see homes on
- 24 these types of sites?

- 2 store is something like a Walmart.
- 3 MR. MELAS: That's a common
- 4 nomenclature.
- 5 MS. LIU: But not necessarily a
- 6 commercial-type building; it could be any type of a
- 7 building?
- 8 MR. LIEBMAN: Yes, or open space.
- 9 Essentially anything, I believe.
- 10 MS. LIU: From a geotechnical
- 11 perspective, what makes CCDD well-suited for something
- 12 like that?
- MR. LIEBMAN: Well, it can be very
- 14 stable as opposed to putrescible waste.
- 15 MS. LIU: Since CCDD is comprised of
- 16 concrete and other types of very rigid materials, does
- 17 the placement of it tend to create void spaces?
- 18 MR. LIEBMAN: I would say, as a general
- 19 rule, that would not be a problem.
- 20 MS. LIU: In terms of what?
- 21 MR. LIEBMAN: In terms of having large
- 22 voids that later collapse and cause the surface to
- 23 settle differentially.
- MS. LIU: That's what I was trying to

- 2 You don't see situations where
- 3 those large voids are created by --
- 4 MR. LIEBMAN: I don't think that would
- 5 be a common occurrence.
- 6 MS. MUNIE: If I can clarify. A large
- 7 majority of what we see going into these quarries is
- 8 soil-type materials, and it is not so much the truly
- 9 large chunks of concrete. As Paul testified earlier,
- 10 most of that really goes into making CA-6, a rock-type
- 11 material and aggregate which is then used again in
- 12 concrete -- or reused in concrete or used in
- 13 road-building materials, road building, things like
- 14 that.
- 15 So between that and the weight in
- 16 the material and the materials themselves, as they're
- 17 being placed, they're going to go to a natural grade.
- 18 We're just not seeing the large voids as an issue.
- 19 Someone is going to maximize the space and -- to the
- 20 point where they can run a compactor over material, run
- 21 a piece of equipment if they start seeing voids. They
- 22 want to be able to put as much material on the ground
- 23 as they can.
- 24 MS. LIU: Even given that, do you see a

- 1 propensity for these sites at all to exhibit shifting
- 2 and settling?
- 3 MR. LIEBMAN: I'm not aware of that
- 4 being a common problem.
- 5 MS. LIU: Are you aware of how this type
- 6 of fill material might respond in a seismic event since
- 7 it's an unconsolidated-type material; it's not in need
- 8 of soil?
- 9 MR. LIEBMAN: No, I'm not aware of -- Or
- 10 I don't -- I have not done any research into how this
- 11 material may respond differently from unfilled areas.
- MS. LIU: I know this kind of goes
- 13 beyond what's being allowed in the proposal. But from
- 14 a geotechnical-engineering standpoint or
- 15 foundation-engineering standpoint, just to improve the
- 16 structural properties of a fill area, could CCDD
- 17 filling operations benefit from the introduction of
- 18 other types of compatible materials?
- MR. LIEBMAN: Perhaps.
- MS. MUNIE: But that would not be
- 21 consistent with the law.
- 22 MR. HUBBARD: I'd just like to say that,
- 23 as Chris mentioned, they normally are -- or Joyce, I
- 24 meant. Sorry. They normally are using very large

- 1 equipment to place this, so they tend to compact as
- 2 they go just with the weight of all this equipment
- 3 running back and forth on them.
- 4 MR. RAO: Is that one of the reasons for
- 5 why the Agency has picked a fairly short postclosure
- 6 maintenance period of one year for these
- 7 specifications, that there's not much settling or any
- 8 other kinds of problems --
- 9 MS. MUNIE: In addition to where we do
- 10 not expect much settling, it's also not putrescible
- 11 waste; meaning, it does not decompose. Specifically,
- 12 it cannot be that type of material. Usually a large
- 13 postclosure care period is needed when you expect the
- 14 materials to change inside the fill boundaries
- 15 themselves. We expect that once this material is
- 16 placed in the fill, it's just there. It's not going to
- 17 change its characteristics.
- 18 MR. RAO: Thank you.
- 19 I have just one more clarification
- 20 question. This is for the recordkeeping requirements
- 21 under 1100.210.
- This provision doesn't state how
- 23 long the records should be maintained. I realize,
- 24 under load-checking, the Agency has proposed a

- 1 three-year time period.
- 2 Should the same three-year time
- 3 period apply to recordkeeping requirements --
- 4 MR. HUBBARD: Generally --
- 5 MR. RAO: -- for maintenance of records
- 6 outside?
- 7 MR. HUBBARD: Generally we'd like them
- 8 to keep all -- a copy of all their permits and permit
- 9 applications.
- 10 MR. RAO: All the -- From the time the
- 11 facility starts operating, you want --
- MS. MUNIE: Until the completion of
- 13 postclosure care, yes, right, with the exception of the
- 14 load-checking, which -- because we expect that to be a
- 15 large volume of paper, which is why there's less time
- 16 requirements. The rest of the papers, we do not expect
- 17 to be quite as significant, and we would expect them to
- 18 know what they've applied for throughout the life of
- 19 the facility.
- MR. RAO: Okay. That's all I have.
- 21 Thank you very much.
- MS. ANTONIOLLI: I have one more
- 23 organizational question. This rulemaking is addressing
- 24 Public Act 94-272. But just out of curiosity, if the

- 1 Agency foresees any other material that could be used
- 2 as fill in the future, would you consider entitling the
- 3 Part, Section 1100, something more general and then
- 4 having the CCDD material rules be, I guess, in the
- 5 environment of the 1100s for now and in the future
- 6 potentially have that section apply to other fill
- 7 materials that may be used?
- 8 MS. MUNIE: We -- I don't think that we
- 9 can envision something that could also be used as fill
- 10 in this manner simply because this is one of the few
- 11 exemptions in the Act where a material being used as
- 12 fill is not a waste.
- MS. ANTONIOLLI: Right. That's --
- MS. MUNIE: Everything else --
- MS. ANTONIOLLI: -- the new section?
- 16 MS. MUNIE: Right. Any other fills, we
- 17 would expect to be a landfill and would be more
- 18 suitable to fit into the 800 series or the 700 series,
- 19 depending on whether or not it's hazardous waste or
- 20 nonhazardous waste.
- 21 MS. ANTONIOLLI: Okay. Thanks for your
- 22 opinion.
- 23 MS. FLOWERS: I just have a couple
- 24 questions. As far as the IDOT specifications, I

- 1 believe that at some time it was said that "do they
- 2 just need to be consistent with, " and I would just like
- 3 to -- I guess I'll have Joyce testify to whether --
- 4 what that exactly is not consistent with, what that
- 5 actually says if you could.
- 6 MS. MUNIE: Yes. In fact, I believe my
- 7 response to the question made it clear that I did not
- 8 agree with the term "consistent with." They have to
- 9 follow the specifications laid out in the IDOT
- 10 handbook. IDOT specifications are very clear and very
- 11 specific as to what steps must be taken, what tests
- 12 have to be made, and what procedures have to be
- 13 followed.
- 14 MS. FLOWERS: And if I could just have
- 15 you read what that says.
- MS. MUNIE: Specifically the Act allows
- 17 that this subsection does not apply to the use of clean
- 18 construction or demolition debris as fill material in
- 19 an excavation other than a current or former quarry or
- 20 mine if this use complies with Illinois Department of
- 21 Transportation specifications. And it specifically
- 22 uses the words "complies with."
- MS. FLOWERS: And the other thing I'd
- 24 just like to mention is that -- just for the Board's

- 1 information, is that we have worked very closely with
- 2 the IAAP on this matter. They do represent a large
- 3 portion of what we -- who we think are going to be
- 4 subject to these regulations, and we -- we still now
- 5 talk with them about what's going on. They know all
- 6 their issues. What they submitted as comments, we have
- 7 heard before. We have also given them our views on the
- 8 matter. They do want to, of course, present them for
- 9 the record. But we have had a very open communication
- 10 with them, and I would just like to let you know that
- 11 that's still going on.
- MS. ANTONIOLLI: Okay.
- MR. JOHNSON: And the two main areas
- 14 that you identified in your statement of reasons here,
- 15 the extent of the notification procedure and the
- 16 requirement of a professional engineer to certify, are
- 17 still your two big areas of disagreement? Or have you
- 18 developed more?
- 19 MS. FLOWERS: No. I -- Yeah. They were
- 20 at the -- They were at the time that we submitted our
- 21 proposal, but I guess they're -- whatever they
- 22 submitted as comments would be -- And I don't
- 23 believe -- I believe one of those issues is in their
- 24 comments, the notification. So ...

- 1 MR. JOHNSON: Okay.
- MS. ANTONIOLLI: And, Ms. Flowers, I
- 3 have one more question for you on -- I'm looking at
- 4 the -- your motion-for-acceptance proposal and
- 5 statement of reasons, and attached to it, you did
- 6 attach P.A. 94-272.
- 7 MS. FLOWERS: Right.
- 8 MS. ANTONIOLLI: There is a new section
- 9 of Section 42 of the Act, and it's Section i-5. And
- 10 Section i-5 talks about one basis for the Agency to
- 11 deny an interim authorization or permit for this type
- 12 of fill and that it's based on activities at the site
- 13 that may have caused or allowed contamination unless
- 14 such contamination is authorized under any permit
- 15 issued by the Agency. And the responsibility is also
- on the owner or operator to provide this information.
- 17 Do you think that's something that
- 18 should be part of the permit application content
- 19 requirements? I guess that would be subpart (c) of the
- 20 proposed rule?
- 21 MS. FLOWERS: Joyce, do you want to --
- 22 This is a form that we -- It is required --
- MS. ANTONIOLLI: I guess it would be
- 24 implicit, but ...

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1 MS. FLOWERS: It's mentioned in the --
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- 2 somewhere.
- 3 MS. MUNIE: Are you referencing
- 4 Section 39(i-5), the new Section 39(i-5)?
- 5 MS. ANTONIOLLI: Yes, 39(i-5). I think
- 6 I mentioned 42, but it's 39(i-5).
- 7 MS. MUNIE: And this is regarding what
- 8 we commonly called a bad Act or clause but is in the
- 9 Act. This provision itself is something that we deal
- 10 with procedurally, separate from the standard
- 11 applications and outside each individual regulation,
- 12 because 39(i) applies to all permits issued.
- MS. ANTONIOLLI: Okay.
- MS. FLOWERS: We do require, though --
- 15 Under 1100.307, we mention that they have to provide
- 16 certifications that comply with 39(i) and 39(i-5).
- 17 MS. ANTONIOLLI: Okay. It's in there.
- MS. FLOWERS: And it is submitted as
- 19 part of the permit application, right?
- 20 MS. MUNIE: Yes. It's just a separate
- 21 form in and of itself.
- MS. ANTONIOLLI: Okay. Thank you.
- 23 Are there any other questions at
- 24 this time?

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1 MR. RAO: I've just got a quick one.
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- MS. ANTONIOLLI: Go ahead.
- 3 MR. RAO: So has the Agency developed
- 4 forms for CCDD landfill operations?
- 5 MS. MUNIE: We have for the interim, but
- 6 we have not yet completed ones for the landfill -- fill
- 7 operations. And that's mostly because these
- 8 regulations, as we're proposing, are not as solid as we
- 9 normally would do when we propose to the Board. It
- 10 takes us usually a lot longer to develop them. And so
- 11 usually we would have the forms available for the Board
- 12 to review, but I don't know that we would be able to do
- 13 that until we actually see what your final rules are
- 14 going to be.
- MR. RAO: Okay.
- MS. ANTONIOLLI: Okay.
- 17 MR. HUBBARD: I have copies of the
- 18 interim form if you'd like them. I don't know if
- 19 that's ...
- 20 MS. ANTONIOLLI: Is that something that
- 21 you'd want to enter into the record?
- MS. FLOWERS: I don't think it's
- 23 applicable -- I don't really think it's applicable to
- 24 this regulation.

1	MS. ANTONIOLLI: Okay. Thank you.
2	Any further questions?
3	And if not, then I want to thank
4	you all for being here today and for the testimony that
5	you've provided.
6	Is there anything further?
7	MS. MANNING: Just as a matter of
8	clarification.
9	MS. ANTONIOLLI: Sure.
10	MS. MANNING: Would the Agency be
11	answering the questions within a certain period of time
12	prior to the next hearing?
13	MS. ANTONIOLLI: Agency, would you like
14	to respond to that?
15	We have I want to remind you
16	that we do have a prefiling deadline scheduled already,
17	as it was scheduled in the notice of hearing, and that
18	would be February 17th.
19	Agency, would you like to say
20	whether you could meet that deadline or whether you'd
21	like to set a separate one?
22	And we'll go off the record for a
23	second.
24	(Discussion off the record.)

- 1 MS. ANTONIOLLI: And we're still
- 2 discussing the Agency's response to a question we had
- 3 earlier about what the definition of an "excavation"
- 4 is. So the Agency has agreed to provide us sort of a
- 5 clarification on that topic approximately a week before
- 6 our next scheduled hearing on March 1st.
- 7 MS. MANNING: And that's acceptable.
- 8 And what I just wanted to say to
- 9 make it easier for the Agency, we could continue the
- 10 dialogue, number one; but, number two, we're not
- 11 looking for a specific definition as much as a
- 12 clarification. And I think there was quite a bit of
- 13 clarification already provided today. So I'm not
- 14 looking necessarily for a piece of language that goes
- 15 into the rules that you're asking the Board to put in
- 16 the rules so much as I'm looking for a clarification of
- 17 applicability, if that helps.
- Thank you.
- 19 MS. ANTONIOLLI: Okay. Anything further
- 20 at this point?
- Okay. Again, thanks, everyone, for
- 22 being here today and, Proponents, for all of your
- 23 testimony that you've provided.
- 24 The Board has scheduled, as I

- 1 mentioned, a second hearing in this matter for
- 2 March 1st, 2006, and that will be in Springfield at the
- 3 Illinois State Museum. That hearing will begin at
- 4 10:00 a.m. And any person who wishes to prefile
- 5 testimony for that next hearing should do so by
- 6 February 17th, 2006. And please contact the Board for
- 7 a copy of the service list if you wish to prefile that
- 8 testimony.
- 9 We will post the transcript of
- 10 today's hearing on our website, which is
- 11 www.ipcb.state.il.us. There, the transcript as well as
- 12 the Agency proposal and all of the Board's orders
- 13 throughout this proceeding will be viewable and
- 14 downloadable at no charge. Alternatively, you can
- 15 order a copy of the transcript from the Clerk of the
- 16 Board at 75 cents per page.
- 17 Also, I'd like to remind everyone
- 18 that you can file public comment in this proceeding.
- 19 Again, please note that when you file a public comment,
- 20 please serve all of the people on the service list with
- 21 a copy of the public comment. Today, we'll have
- 22 sign-up sheets just outside the room for the service
- 23 list and the notice list.

L.A. REPORTING (312) 419-9292

1	to thank all of you for your comments and testimony,
2	again, and this hearing is closed. I will see you
3	again on March 1st.
4	Thank you.
5	(Which were all the proceedings had
6	in the above-entitled cause.)
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1	STATE OF ILLINOIS)
2) SS. COUNTY OF COOK)
3	Martina Manzo, being first duly sworn, on
4	oath says that she is a Certified Shorthand Reporter
5	doing business in the City of Chicago, County of Cook
6	and the State of Illinois;
7	That she reported in shorthand the
8	proceedings had at the foregoing Illinois Pollution
9	Control Board hearing;
10	And that the foregoing is a true and correct
11	transcript of her shorthand notes so taken as aforesaid
12	and contains all the proceedings had at the said
13	Illinois Pollution Control Board hearing.
14	
15	
16	WINDER WINES OF THE PROPERTY O
17	MARTINA MANZO, CSR
18	ggp 17 004 004041
19	CSR No. 084-004341
20	
	CUDGGD IDED AND CHODY TO
21	SUBSCRIBED AND SWORN TO before me this 7th day of February, A.D., 2006.

23		
	NOTARY PUBLIC	
24		