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1
         BEFORE THE ILLINOIS POLLUTION CONTROL BOARD
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 3
     PEOPLE OF THE STATE OF ILLINOIS,
 4
              Petitioner,
 5
          vs.
                                        No. PCB 95-091
 6
     BELL SPORTS, INC. and WASTE HAULING
     LANDFILL, INC., and WASTE HAULING, INC.,
 7
 8
               Respondents.
 9
          vs.
10
     WASTE HAULING LANDFILL, INC.,
11
     and WASTE HAULING, INC.,
12
               Cross-claimants,
13
          vs.
14
     BELL SPORTS, INC.,
15
               Cross-Respondents.
16
17
               Proceedings held on March 4, 1997 at 9:30
     a.m., continuing from March 3, 1997, at the
18
     Illinois State Library, Illinois Authors Meeting
19
     Room, 300 South Second Street, Springfield,
     Illinois, before the Honorable Michael L. Wallace,
20
     Hearing Officer.
        Reported by: Darlene M. Niemeyer, CSR, RPR
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                 CSR License No.: 084-003677
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2	WITNESS		PAGE NUMB	ER
3	Steven C. Townser	nd (cont.)	5, 9, 10	, 11
4				
5	Jeffrey S. Turner	r	14, 55, 66, 70	, 72
6				
7	Robert G. Krimme	1	77, 108, 109,	114
8				
9		EXHIBI	T S	
10	NUMBER	MARKED	FOR I.D.	ENTERED
11	People's Exhibit People's Exhibit		19 31	23 33
12		10	38 48	40 51
13	People's Exhibit People's Exhibit	12	86 (I.D. only) 100	
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1 PROCEEDINGS 2 (March 4, 1997; 9:30 a.m.) HEARING OFFICER WALLACE: Pursuant to 3 adjournment, I now call Docket PCB 95-91. 4 5 This is the matter of The People of the 6 State of Illinois versus Bell Sports, Inc., Waste 7 Hauling Landfill, Inc. and Waste Hauling, Inc. and 8 the counter complaint cross-claim of Waste Hauling 9 Landfill, Inc., Waste Hauling, Inc. versus Bell 10 Sports, Inc. 11 Show the same appearances as yesterday. 12 I see no new appearances. 13 Are there any preliminary matters, Ms. 14 Menotti? MS. MENOTTI: Nothing. 15 HEARING OFFICER WALLACE: Mr. Van Ness? 16 17 MR. VAN NESS: No. 18 HEARING OFFICER WALLACE: Mr. Taylor? 19 MR. TAYLOR: No. 20 HEARING OFFICER WALLACE: All right. Then we will recall Mr. Townsend to the stand. 21 Mr. Townsend, you are still under oath. 22 23 THE WITNESS: Okay. 24 HEARING OFFICER WALLACE: And you may

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begin your redirect. 1 2 MS. MENOTTI: Thank you. REDIRECT EXAMINATION 3 BY MS. MENOTTI: 4 5 Q Mr. Townsend, what is the general purpose 6 of a landfill? It is disposal of refuse by burial. 7 А 8 Have you had the opportunity -- in the 0 9 course of your contact with the Waste Hauling 10 Landfill, have you reviewed the permit for the contours of the landfill? 11 Yes, I have. For the permitted contours, 12 А 13 as the approved permit? 14 Correct. Q Yes, I have. 15 А 16 0 Does this permit show the boundaries, the 17 permitted boundaries of the landfill? 18 Yes, it does. А 19 Q Is the Waste Hauling Landfill constructed 20 within these boundaries? No, I do not believe it is. 21 Α 22 0 Could you please tell me where it is not constructed within the boundaries? 23 A Yes. It is higher than the permitted 24

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1 contours allow it to be. Well, starting on the 2 south end, if you wanted to go from there, it would 3 be higher. It goes upward where it shouldn't. And 4 along the northwest corner or the corner of the 5 landfill on the northwest part of fill area number 6 two, the higher area was also fill area number 7 two. It is too wide.

8 Q Have you ever seen refuse deposited in
9 these areas that you just mentioned?

10 Α Yes, I have seen refuse as late as Friday 11 on the vertical area. I have seen refuse along the west edge, I think, in 1987. That is the only time 12 13 I have actually seen exposed refuse there. I may have, but I don't recall seeing it any other time. 14 Have you ever, during the course of your 15 Q 16 inspection, cited unpermitted disposal as a 17 violation at this landfill? 18 А Yes. 19 Regarding the area to the west and Q 20 northwest, have you observed any leaks of leachate from this area? 21

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22 A From the northwest portion?
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23 Q From the west, northwest edge of the --24 A I have seen leaks along the western edge

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of the north slope, and the northern portion of the 1 2 west slope both. In general, what does a leachate leak --3 0 or a leachate seep indicate to you? 4 5 А Well, the leachate seep indicates to me 6 that there is a problem managing the liquid that 7 you would want to have contained or at least controlled by the landfill as it is leaking out. 8 9 Q What causes the buildup of leachate? MR. LATSHAW: I think I am going to have 10 to impose an objection. I think -- it is my 11 recollection, and maybe I am wrong, but I think we 12 13 have been through all of this, haven't we? MS. MENOTTI: I am sorry? I didn't 14 15 hear. MR. LATSHAW: I think we have been 16 17 through all of this yesterday with this gentleman's testimony. I don't see the point of revisiting 18 19 it. He has testified to those very things, I 20 believe, in some detail with regard to those 21 inspection reports. 22 MS. MENOTTI: I am sorry. I can't hear 23 him. 24 HEARING OFFICER WALLACE: He is objecting

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that this was all covered yesterday on his direct
 testimony.

MS. MENOTTI: I am just clarifying --3 trying to clarify for the record in response to Mr. 4 5 Latshaw's cross-examination yesterday, and I don't 6 think that this is the same questions that I asked 7 yesterday. We were not talking about the west edge 8 of the landfill at that point in time. 9 HEARING OFFICER WALLACE: Do you have a 10 lengthy series of questions concerning leachate? 11 MS. MENOTTI: I just have two more 12 questions. 13 HEARING OFFICER WALLACE: All right. 14 Then finish up with this line.

MS. MENOTTI: Okay. 15 16 Q (By Ms. Menotti) Mr. Townsend, I will 17 repeat the last question. What causes the buildup 18 of leachate? 19 А What causes the buildup of leachate? In 20 essence, leachate is water or liquid that soaks through what is buried, the refuse, and removes 21

22 some of what those constituents are, and it23 varies.

24 There are several factors. One is the

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amount of water that gets into the leachate. Two 1 would be the construction of the fill's management 2 system or a way of containing the leachate, as it 3 is constructed to either contain or remove and 4 5 control the leachate. 6 For instance, if there was a removal 7 system, you wouldn't have a buildup, like a 8 leachate well, for instance. Basically, it is 9 controlled by the liquid that comes in. That would 10 be the major factor that would control the volume. 11 MS. MENOTTI: Thank you. I have nothing 12 further. 13 HEARING OFFICER WALLACE: Nothing further 14 on redirect? MS. MENOTTI: Right. 15 16 HEARING OFFICER WALLACE: Re-cross? 17 MR. LATSHAW: One question, please. RECROSS EXAMINATION 18 19 BY MR. LATSHAW: 20 Q Mr. Townsend, are you aware that the -whether the permit of the Waste Hauling Landfill 21 22 requires a leachate retraction or extraction system 23 or removal system? 24 A I don't recall any in their permit.

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             MR. LATSHAW: Okay. Thank you. That's
2
    all I have.
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              HEARING OFFICER WALLACE: Mr. Taylor?
              MR. TAYLOR: No, no further questions.
 4
5
              MR. DAVIS: Excuse me just a moment,
6
    please.
                        (Mr. Davis and Ms. Menotti
7
8
                        confer briefly.)
9
              MS. MENOTTI: I just have one follow-up
    question, if that's all right.
10
              HEARING OFFICER WALLACE: What is it in
11
    regard to? I normally don't --
12
13
              MS. MENOTTI: In regard to Mr. Latshaw's
14
    question.
              HEARING OFFICER WALLACE: Go ahead and
15
16
    ask it. Go ahead and ask your question.
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             MS. MENOTTI: Okay.
18
                        FURTHER REDIRECT EXAMINATION
19
                        BY MS. MENOTTI:
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         Q Mr. Townsend, in response to Mr.
    Latshaw's question, you said that you were not
21
22
    aware of any requirement in the permit for a
23
    leachate system. Would this be a requirement for a
    closure or a post-closure care plan?
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1	MR. LATSHAW: I will object to the
2	question. I am not sure he is here to offer
3	testimony with regard to closure, post-closure
4	requirements. I am not sure that that is well,
5	it is certainly beyond the scope of my re-cross.
6	HEARING OFFICER WALLACE: Sustained.
7	MS. MENOTTI: That was the only question.
8	EXAMINATION
9	BY HEARING OFFICER WALLACE:
10	Q Mr. Townsend, before you get off, in your
11	response to Ms. Menotti's second to the last
12	question, I was a little confused.
13	Does leachate occur from water going from
14	the top down in the landfill? Is that what you
15	were trying to say?
16	A Not necessarily. Leachate occurs from
17	water entering the landfill and coming in contact
18	with the garbage. If the water is prevented from
19	entering the landfill, which is pretty much some
20	water is going to get in, unless you are using a
21	completely impermeable cover, which nobody I know
22	of uses. If water gets in, leachate can be
23	generated, because that is what happens, the water
24	comes in contact with the garbage.

Q All right.

1

A It could come in either from the top via rain or, for instance, if you had a flood it could come in from the side. It could also be if there is a lot of liquid in the waste there could be some generated just from that.

7 Q Then the extraction -- in an extraction
8 system, you put a well in to bring the liquid up
9 and then dispose of it?

10 Α Yes, that's done on a lot of the more 11 modern -- like a Subtitle D type site would have something like that. Older sites generally just 12 13 put additional cover down or something like that or recompact and recover areas, and then have a plan 14 to monitor and do that over again, if necessary. 15 16 0 What does the monitoring consist of? 17 Α The easiest way to do it would be in addition to a monitor well system, to determine if 18 19 anything is getting beyond the borders underground, 20 would be to have someone periodically, for instance, maybe once a quarter, go out and look at 21 22 the site and see if something is popping out of the 23 fill itself.

24

HEARING OFFICER WALLACE: All right.

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Thank you, Mr. Townsend. You may step down. 1 2 (The witness left the stand.) MS. MENOTTI: I was unable to reach Mr. 3 Turner last evening to tell him that the hearing 4 5 had been pushed back to 9:30 this morning, so he is 6 due to arrive shortly. HEARING OFFICER WALLACE: Okay. 7 MS. MENOTTI: He is the next witness that 8 9 the State intended to call. HEARING OFFICER WALLACE: All right. 10 11 Let's go off the record and wait for Mr. Turner, 12 then. 13 (Whereupon a short recess was 14 taken.) 15 HEARING OFFICER WALLACE: Back on the 16 record. 17 Please call your next witness. 18 MS. MENOTTI: The People call Mr. Jeff 19 Turner. 20 (Whereupon the witness was 21 sworn by Hearing Officer 22 Wallace.) HEARING OFFICER WALLACE: Speak clearly 23 and loudly so we all can here. 24

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1 THE WITNESS: Okay. 2 HEARING OFFICER WALLACE: You may begin. JEFFREY STEWART TURNER, 3 having been first duly sworn by the Hearing 4 5 Officer, saith as follows: 6 DIRECT EXAMINATION BY MS. MENOTTI: 7 8 Q For the record, could you please state 9 your name. 10 А Jeffrey Stewart Turner. 11 0 What is your educational background, Mr. 12 Turner? 13 А I have a Bachelor's Degree in Geology from the University of Illinois, and a Master's 14 Degree in Geology from the University of Missouri. 15 And who is your current employer? 16 Q 17 А The Illinois Environmental Protection 18 Agency. 19 How long have you worked for the Illinois Q 20 EPA? It will be ten years in October. 21 А 22 0 What is your current position? 23 А I am a regional geologist. Also, the title -- the payroll title is Environmental 24

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Protection Specialist with the Bureau of Land, the 1 2 Champaign Regional Office. 3 What does your position involve? 0 Inspecting various types of sites 4 А 5 including landfills, open dumps, RCRA facilities, 6 injection well facilities. 7 Q Okay. How long have you been in this 8 position? 9 It will be six years in June. Α 10 0 Did you hold any positions prior to that? 11 А Yes, I used to work in the Division of 12 Labs, also in Champaign. 13 Have you, during the course of your 0 14 employment with the Agency, participated or received any training? 15 16 А Yes, I have. 17 Q Could you please describe it? 18 I have received in-house training on А 19 various aspects of Bureau of Land programs. I have 20 also attended a number of seminars outside of the 21 Agency. 22 0 Could you generally describe your duties as a field inspector? 23 Basically I am assigned various sites to 24 А

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do inspections at by my supervisor. I determine 1 what the compliance requirements are for those 2 3 sites. It is basically a matter of what program the site is regulated under, whether it is a solid 4 5 waste landfill, a hazardous waste facility or 6 whatever. I go out and take a look at the site and 7 verify if it is complying with the appropriate Regulations and its permit, and generally then I 8 9 produce an inspection report that is submitted to 10 the Agency. 11 0 Is it your general practice to record 12 your observations that you make during a site 13 investigation for that report? 14 Α Yes. Do you record these observations while 15 Q 16 you are actually at the site or do you record them 17 after you complete your visit? 18 А I take some field notes during an 19 inspection which are later converted into the 20 inspection report. 21 Q What happens once you generate the 22 inspection report? 23 А It is submitted to my supervisor, who reviews it. It is then passed on to headquarters 24

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in Springfield, and depending on the content of the 1 2 report, some type of letter may be issued to the facility that is the subject of the report. 3 Do you keep a copy of the report for your 4 Q 5 own file? 6 Α Yes, we do. 7 Are these the type of reports that the 0 8 Agency has you prepare in the ordinary course of 9 your inspections of facilities? 10 А Could you run that by me again, please? 11 0 All right. The inspection reports that we have been talking about, are they the type of 12 13 reports that the Agency has you prepare in your 14 regular course of conducting inspections? 15 Α Yes. 16 0 Are these inspection reports something 17 that in the regular course of Agency business are 18 kept within the Agency files? 19 А Yes. 20 0 Mr. Turner, are you familiar with the Waste Hauling Landfill? 21 22 Α Yes. 23 Were you ever assigned to inspect it? Q 24 А Yes.

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1 Can you give me a span of time during Q 2 which you have conducted inspections of this landfill? 3 Do you want exact dates? 4 Α 5 Q If you know the exact dates. 6 Α I can produce them if I can look at my 7 records, my notes. 8 0 Before we get into exact dates, generally 9 when did you start inspecting it? Roughly it would be July of 1991 was the 10 А 11 first time that I was there, and then again in April of 1992, and twice in May of 1992, and once 12 13 in July of 1992, and once in September of 1992. 14 During the course of the inspections that Q you conducted at the Waste Hauling Landfill, did 15 you note conditions that existed at the landfill? 16 17 А Yes. 18 0 And did you, during the course of these 19 inspections, generally ever find violations at this 20 landfill? А 21 Yes. 22 0 Are these the types of things that you 23 would include in your inspection reports? 24 А Yes.

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1 Did you have the opportunity to visit the Q landfill specifically on July 15th, 1991? 2 Yes, I believe I did. 3 А 4 Did you generate a report regarding that Q 5 inspection? 6 Α Yes, I did. 7 Q If I showed you the report, would you be 8 able to identify it? 9 А Yes, I would. MS. MENOTTI: Would you mark this, 10 11 please. (Whereupon said document was 12 13 duly marked for purposes of 14 identification as People's Exhibit 8 as of this date.) 15 16 0 (By Ms. Menotti) Mr. Turner, I show you 17 what has been marked as People's Exhibit Number 8. 18 Would you please identify this document? 19 А Yes. That's my inspection report as a 20 result of my July 15, 1991 inspection. Did you personally generate this report? 21 0 22 А Yes, I did. Is this the type of inspection report 23 0 that you would generate for Agency files? 24

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A Yes, it is. 1 Is this the type of report that is 2 Q 3 ordinarily prepared in the regular course of Agency business? 4 5 А Yes, it is. 6 Q When you prepared this report, did you 7 prepare it contemporaneously with or shortly after 8 conducting the inspection of July 15th of 1991? 9 A It was within a number of months 10 afterwards. 11 Q Could you please look at the report and tell me if it appears to be a true and accurate 12 13 copy of the report you generated? By and large it is. It doesn't appear to 14 А have my site sketch, but it has the narrative and 15 16 the photo mount ups that I prepared. 17 0 I am sorry. What was the last part of your answer? 18 19 А It does have the narrative and the photos 20 that I prepared. It doesn't seem to have the 21 little map of the site that I prepared, or the 22 checklist, for that matter. 23 MS. MENOTTI: I apologize for the delay, Mr. Hearing Officer. The Attorney General's copy 24

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did not match the Agency's original copy. I would 1 ask that the original be attached to the exhibit, 2 for identification, and I will take it and show it 3 4 to opposing Counsel. 5 HEARING OFFICER WALLACE: All right. 6 What are you -- are there pieces missing? 7 MS. MENOTTI: The document that Mr. 8 Turner just looked at it was not included as part 9 of the Attorney General's files, and I have the 10 original, the Agency original. 11 HEARING OFFICER WALLACE: Okay. Why don't you -- how many are -- is that what he called 12 13 the site sketch and the checklist? 14 THE WITNESS: Yes. HEARING OFFICER WALLACE: Okay. Do you 15 wish to include that as part of People's Exhibit 16 17 Number 8? 18 MS. MENOTTI: Correct. That would be a 19 complete copy of the report. 20 HEARING OFFICER WALLACE: All right. Show the copies that you have or the documents that 21 22 you have to the opposing Counsel, and then let's 23 see if the witness has a complete inspection report 24 then.

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1	(Ms. Menotti showed the
2	documents to Mr. Taylor, Mr.
3	Latshaw and Mr. Van Ness.)
4	Q (By Ms. Menotti) Mr. Turner, I am going
5	to hand you the documents that you said did not
6	appear with the copies that I had marked. Could
7	you please look at them and tell me if that would
8	make your inspection report complete?
9	A (Witness reviewed documents.) I believe
10	it would.
11	Q Does this report reflect the observations
12	you noted during your inspection on July 15th,
13	1991?
14	A Yes, it does.
15	MS. MENOTTI: At this point, Mr. Hearing
16	Officer, I would ask that this be admitted as a
17	record of the Agency.
18	HEARING OFFICER WALLACE: Any objection?
19	MR. VAN NESS: No.
20	HEARING OFFICER WALLACE: I am sorry?
21	MR. VAN NESS: No. I am sorry.
22	HEARING OFFICER WALLACE: Mr. Taylor?
23	MR. TAYLOR: No.
24	HEARING OFFICER WALLACE: People's

Exhibit Number 8 is admitted into evidence. 1 2 (Whereupon said document was admitted into evidence as 3 People's Exhibit 8 as of this 4 5 date.) 6 MS. MENOTTI: Thank you. (By Ms. Menotti) Mr. Turner, could you 7 Q please summarize what you saw during your visit on 8 9 this date at the landfill? The site consists of what at that time 10 А 11 was an active landfill plus an older portion to the east of the active landfill. And along that older 12 13 portion a trench had been dug along the west side of it. There was leachate in the trench and there 14 15 was exposed refuse hanging in the wall of the 16 trench. 17 The main landfill, the active landfill at that time, had exposed refuse on it in various 18 19 places, as well. Also, the active landfill 20 appeared to be, as I later learned from the approved plans, it appeared to be quite a bit 21 22 larger than it should have been. In other words, 23 it was outside its permitted bounds. 24 Q In what respect --

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1 MR. LATSHAW: Again, if I may, just for 2 the record, I want to again interpose an objection to testimony with regard to leachate as being going 3 to the issues that are not alleged in Counts 5 and 4 5 6, and in order to -- I would like that shown as a 6 continuing objection to that line of questioning, 7 sir. HEARING OFFICER WALLACE: All right. I 8 9 will note for the record that a continuing 10 objection has been made to questions concerning 11 leachate. At this time I shall overrule the 12 13 objection, and you may continue to ask questions about the leachate. But keep in mind to save some 14 time we won't go through each and every question, 15 16 but an objection will be noted for each one. 17 MR. LATSHAW: Thank you. 18 MR. VAN NESS: Okay. Thank you. 19 (By Ms. Menotti) Can you characterize Q 20 what you -- specifically what you mean by unpermitted -- or disposal beyond the limits? You 21 22 said there was unpermitted disposal and that the 23 landfill appeared larger. Can you explain that? 24 According to the approved plans, if you А

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are entering the property from the access road on 1 2 the south, the approved slope and contours of the 3 landfill should cause the fill to slope downward toward the north, toward the river. If you are 4 5 standing at the south, at no point should you have 6 to look up to see the top of the landfill. That 7 was not the case, however. You would have to look 8 up from the south to see the top of it. 9 0 Did you cite that as a violation in your 10 report? 11 А I don't recall that I did on this first one. At the time that I made that inspection I 12 13 don't believe I was familiar with that 14 requirement. I knew there was an allegation that it was overheight, but I had not yet seen the 15 16 approved plans, and not knowing the details of it, 17 I didn't really know any way to ascertain on the overheight allegation at that time. 18 19 Do any of the photographs attached to Q 20 your report illustrate the violations that you had 21 just talked about? 22 Α Are you referring to the overheight or just in general? 23 24 In general, the violations that you just Q

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summarized, do any of the pictures depict those 1 2 violations? This picture here on roll number 11, 3 А photo number 9, depicts uncovered refuse. 4 5 0 Does it show -- indicate where the 6 picture was taken or what area of the landfill we 7 are looking at? 8 A Yes, this was in the trench that I 9 referred to that had been excavated, and that 10 particular photo -- I believe that this is it 11 here. Due to the xeroxing of it, my numbering for the photo has gone off the edge of the page, but I 12 13 believe that is it. MR. VAN NESS: Could we ask the witness 14 15 to hold it up so we can see it? We have quite poor 16 copies of the photos. 17 Oh, you are referring to the map, too. 18 Okay. Thank you. 19 HEARING OFFICER WALLACE: Would you also 20 hold the photo up that you are referring to? THE WITNESS: Yes, sure. It is the top 21 22 photo. 23 MR. LATSHAW: Does that have a page? 24 MR. VAN NESS: Does it have a page

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1 number?

2 THE WITNESS: No, it does not have a page number, but there is a number 14 beside the photo. 3 MR. LATSHAW: That's our problem, because 4 5 the copy is so bad we can't see the numbers. 6 HEARING OFFICER WALLACE: Mr. Turner, 7 could you hand me that report? THE WITNESS: Certainly. 8 9 MR. VAN NESS: Okay. Here it is. 10 HEARING OFFICER WALLACE: Let's go off 11 the record a minute. (Discussion off the record.) 12 13 HEARING OFFICER WALLACE: Back on the 14 record. All right. Please continue. 15 16 0 (By Ms. Menotti) Were there any other 17 photographs, besides the one that you just 18 mentioned? Yes, I believe there are. The one I have 19 А here numbered is number 18, and it was from my roll 20 number 12, the first photo of that roll. Again, it 21 22 shows uncovered refuse. That photo -- let me see 23 if I can identify that on the map for you. That one was taken here toward the southeast. 24

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1 MR. VAN NESS: Show the photo again, please, if I can find it. Okay. Thank you. 2 THE WITNESS: Uh-huh. My photo number 3 21, which was roll 12, exposure number 4, shows 4 5 exposed refuse on the south face of the main 6 landfill. It would also be inadequate depth of 7 final cover. That was taken in this area 8 (indicating). 9 HEARING OFFICER WALLACE: Would you 10 describe the area that you are pointing at, Mr. 11 Turner? THE WITNESS: It is the south face of the 12 13 active landfill at that time. (By Ms. Menotti) Mr. Turner, in your 14 Q opinion, do any of these violations have an impact 15 16 upon the environment? 17 MR. LATSHAW: I will object to the 18 question as being -- not stated in the form of the 19 proper standard. If this man is being offered as 20 an opinion witness, he certainly has to base his opinion upon a scientific basis. 21 22 MS. MENOTTI: I didn't hear the last 23 part. I am sorry. Mr. Latshaw's voice is getting lost. I am having problems hearing him. 24

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1 HEARING OFFICER WALLACE: Would you repeat your objection, please, sir. 2 3 MR. LATSHAW: My objection is that the question is framed in terms of the improper 4 5 standard. I believe he was disclosed to us as an 6 opinion witness and the opinions must be expressed 7 on a basis -- or a reasonable basis of scientific certainty, at least. 8 9 HEARING OFFICER WALLACE: Response? 10 MS. MENOTTI: The opinions -- excuse me. 11 The witness' opinion is based on his firsthand 12 observations at the landfill. I am asking if, in 13 his opinion, he saw any -- if he -- I am trying to think -- I don't remember what my exact word was, 14 but does he think there were any environmental 15 16 impacts as a result of the violations that he saw. 17 Based on his experience he should be able to give some kind of technical opinion as to whether or not 18 19 these things have any kind of impact. That's his 20 job. HEARING OFFICER WALLACE: The objection 21 22 is overruled. 23 Mr. Turner, please answer the question. 24 THE WITNESS: The uncovered refuse can

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create an attraction for disease factors, such as 1 birds or rodents, insects. Also by being exposed, 2 3 they present potential for the creation of contaminated runoff. 4 5 MS. MENOTTI: Before I move on -- we are 6 finished with that exhibit, Mr. Turner. 7 Just for the record, Mr. Hearing Officer, 8 I understand that opposing Counsel does not have 9 actual copies of these pictures, but I would like 10 to note that at all times they have had the 11 opportunity to pay for actual photographs to be made of the pictures that are attached to the 12 13 inspection report. The photocopies that were tendered during 14 discovery are the best that we could make by making 15 photocopies of them. And I just wanted that 16 17 reflected for the record. 18 HEARING OFFICER WALLACE: All right. 19 Thank you. 20 0 (By Ms. Menotti) Directing your attention to a different date, Mr. Turner, you indicated that 21 22 during May of 1992 you had the opportunity to visit the landfill? 23 24 А That's correct.

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1
               Did you have the opportunity on May 8th
          Q
 2
     and 12th to conduct an inspection of the Waste
 3
     Hauling Landfill?
          А
               Yes, I did.
 4
 5
          Q
               Did you generate a report with regard to
 6
     this inspection?
               Yes, I did.
 7
          А
 8
               Would you be able to identify it if I
          Q
 9
     showed you --
               Yes, I would.
10
          А
11
          Q
               -- the report?
               MS. MENOTTI: Could you mark this,
12
13
     please.
14
                         (Whereupon said document was
                         duly marked for purposes of
15
                         identification as People's
16
17
                         Exhibit 9 as of this date.)
18
               MS. MENOTTI: Did you gentlemen want to
19
     look at the exhibit?
20
               MR. LATSHAW: I beg your pardon?
               MS. MENOTTI: Would you like to look at
21
22
     the exhibit?
                         (Ms. Menotti showed Exhibit
23
24
                         Number 9 to Mr. Latshaw, Mr.
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1 Van Ness and Mr. Taylor.) 2 (By Ms. Menotti) I hand you what has been Q marked as People's Exhibit Number 9. Do you 3 recognize that document? 4 5 А Yes. 6 0 Could you please identify it for the 7 record? 8 А That is an inspection report that I 9 prepared based on inspections conducted on the 8th and 12th of May of 1992. 10 11 0 Is this a report that you personally 12 generated? 13 А Yes, it is. Is this the type of report that is 14 Q generated and maintained for Illinois EPA files? 15 Yes, it is. 16 А 17 Q Is this report the type of report that is 18 ordinarily prepared in the regular course of Agency business? 19 20 А Yes, it is. Was this report prepared 21 0 22 contemporaneously with or shortly after you 23 conducted your inspection at the landfill on May 24 8th and May 12th, 1992?

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1 А Yes, it was. 2 Could you look at the document and tell 0 me if it is a true and accurate copy of the report 3 that you generated for the inspection of those 4 5 dates? 6 А Yes, it is. MS. MENOTTI: The State moves to have the 7 document admitted into evidence as a business 8 9 record of the Agency. 10 HEARING OFFICER WALLACE: Any 11 objections? MR. VAN NESS: No objection. 12 13 HEARING OFFICER WALLACE: Mr. Taylor? 14 MR. TAYLOR: No. HEARING OFFICER WALLACE: People's 15 Exhibit Number 9 is admitted into evidence. 16 17 (Whereupon said document was 18 admitted into evidence as 19 People's Exhibit 9 as of this 20 date.) (By Ms. Menotti) Mr. Turner, could you 21 0 22 briefly describe what you observed at the landfill on these dates? 23 24 A On those dates the landfill was no longer

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KEEFE REPORTING COMPANY Belleville, Illinois accepting waste. It had begun activities to cover
 existing waste at the site and to close or seal the
 trenches that had been excavated that had been
 observed previously.

5 Q Do you recall citing any violations 6 during these two dates of inspection? 7 Yes, I did. Yes, I do recall. The А 8 landfill was still outside its permitted contours. 9 There was still uncovered refuse from previous 10 operating days. I believe there were still leachate flows. It did not have an approved 11 12 closure plan, post-closure plan, financial 13 assurance, or a groundwater monitoring system. Regarding the permitted boundaries, can 14 Q you explain what the violation was in detail? 15 16 А Well, the approved plans call for the 17 landfill to have a certain shape and extent. By extent I mean both laterally and vertically. You 18 19 know, based upon the approved plans, as I mentioned 20 before, you should not have had to look up to see 21 the top of the fill entering the property from the 22 south, yet that was the case. Also, there were 23 materials that had been deposited on the ground in areas away from the landfill. 24

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Are there any pictures attached to this 1 Q report that would illustrate the unpermitted 2 3 disposals, and if so could you identify them for the record? 4 5 Α Basically photos from roll 55, exposures 6 2, 3, 4, 5, 6, 7, 8 and 9, which were all taken 7 along the south perimeter of the landfill looking towards the north, are all looking up to show the 8 9 top of the landfill. Also on photos 6 and 7 of 10 roll 55, uncovered waste is visible. Also photo 11 number 9 and 8 of that roll, photo number 5 of roll 57 shows uncovered refuse. Photos number 8 and 9 12 13 of roll 57 show uncovered refuse. Photo number 12 of roll 57, photo number 14 1 of roll 58 show uncovered refuse. Photo number 7 15 16 of roll 58 shows uncovered refuse, as does photo 17 number 9 of roll 58. Photo number 8 of roll 58 shows waste piles that are out away from the main 18 19 landfill. Photo number 12 of roll 58 shows 20 uncovered refuse. In what area of the landfill was this 21 Q

22 uncovered refuse?

23 MR. LATSHAW: Again, for purposes of24 preserving the record, I need to interpose an

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objection that the testimony with regard to this 1 exhibit having to do with uncovered refuse or, 2 again, leachate, which do not -- are not material 3 to allegations of wrongdoing in Counts 5 and 6 and, 4 5 therefore, should not be permitted. The same 6 objection. HEARING OFFICER WALLACE: Well, in terms 7 8 of the leachate I will go ahead and note your 9 standing objection, and on the uncovered refuse, I 10 think that does go to Counts 5 and 6. 11 MS. MENOTTI: Okay. My response was just that not only was the landfill, according to Mr. 12 13 Turner's observations, already closed, it is -- it goes to the lack of closure activity that is cited 14 in Counts 5 and 6 of the complaint. 15 HEARING OFFICER WALLACE: Right, and that 16 17 part of the objection is overruled. 18 MR. LATSHAW: Okay. 19 (By Ms. Menotti) Mr. Turner, could you Q 20 please indicate what areas of the landfill you found this uncovered refuse? 21 22 Α Uncovered refuse was observed in scattered areas in the south part of the landfill. 23 There was a pile of uncovered refuse atop the 24

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landfill and another one toward the southwest 1 2 corner, and there was some uncovered refuse along the perimeter of the old cell to the east of what 3 had been the active landfill in the trench area 4 5 that was discussed previously. 6 Q The landfill -- was the landfill 7 operating on these dates when you visited it? 8 It was not accepting waste. А 9 Q Do you know when the landfill ceased 10 accepting waste? 11 А It ceased accepting waste on or about May the 6th of that year. 12 13 0 I will direct your attention to the date of July 9th, 1992. Do you recall visiting the 14 landfill on that day? 15 16 А Yes, I do. 17 Q Do you recall conducting an inspection of the landfill during that visit? 18 19 Α Yes, I do. 20 Q Did you generate a report regarding that 21 visit? 22 А Yes, I did. 23 Would you be able to identify the report 0 if I showed it to you? 24

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1	A Yes, I would.
2	MS. MENOTTI: Would you mark this,
3	please. Thank you.
4	(Whereupon said document was
5	duly marked for purposes of
6	identification as People's
7	Exhibit 10 as of this date.)
8	MS. MENOTTI: Would you gentlemen like to
9	review this first?
10	(Ms. Menotti showed People's
11	Exhibit 10 to Mr. Latshaw, Mr.
12	Van Ness and Mr. Taylor.)
13	Q (By Ms. Menotti) Mr. Turner, I hand you
14	what has been marked as People's Exhibit Number
15	10. Do you recognize this document?
16	A Yes, I do.
17	Q Could you please identify it?
18	A It is an inspection report that I
19	prepared as a result of my inspection on July the
20	9th, 1992.
21	Q Is this the type of report that is
22	generated and maintained for Agency files?
23	A Yes, it is.
24	Q Is this a type of report that is

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ordinarily prepared in the regular course of Agency 1 business? 2 А Yes, it is. 3 Was this report prepared 4 Q 5 contemporaneously with or shortly after you 6 conducted your inspection on this date? 7 А Yes, it was. 8 Could you please look at the report and 0 9 tell me if it is a true and accurate copy of the report you generated regarding this inspection? 10 11 А Yes, it is. MS. MENOTTI: At this point I would move 12 13 to admit this document into evidence as a business 14 record of the Agency. HEARING OFFICER WALLACE: Any objection, 15 16 Mr. Van Ness? 17 MR. VAN NESS: No objections but, again, 18 we might as well at this point note our continuing 19 objection to anything related to the leachate. 20 HEARING OFFICER WALLACE: All right. So noted. Any objection, Mr. Taylor? 21 22 MR. TAYLOR: No. HEARING OFFICER WALLACE: People's 23 24 Exhibit Number 10 is admitted into evidence.

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(Whereupon said document was 1 2 admitted into evidence as People's Exhibit 10 as of this 3 date.) 4 5 Q (By Ms. Menotti) Mr. Turner, could you 6 please tell me what you observed during your 7 inspection on this date? The landfill was still not accepting 8 Α 9 waste. It was making continued progress toward 10 covering exposed waste and consolidating waste from 11 around the site onto the -- onto what had been the active landfill, and making progress toward filling 12 in the trench that had been previously excavated 13 along the boundary of the old landfill. 14 Did you site any violations at the 15 Q landfill? 16 17 Α Yes, I did. 18 Could you summarize those? Q 19 Α Once again, the permit violations, due to 20 the unpermitted -- the deposition of waste in unpermitted parts of the landfill, due to being 21 22 overheight and out of bounds, uncovered refuse 23 remaining from previous operating days, inadequate 24 daily cover, no closure plan, no post-closure plan,

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no financial assurance, no groundwater monitoring
 program.
 Q You mentioned that you observed overfill,
 out of bounds, and too high. Could you please tell

5 me which areas of the landfill you observed these 6 violations? 7 А Could you repeat that, please? 8 You said that you cited violations for 0 9 unpermitted disposal, that the landfill was still 10 too high, and it was out of bounds? Okay. Yes. 11 А Could you tell me in which area of the 12 0 13 landfill you observed these violations?

Okay. Basically, once again, at the 14 А south of the landfill looking up to see the top of 15 it, would indicate it was above its permitted 16 17 contours. There was some amount of remaining scattered waste piles out away from the landfill 18 19 that were in the process of being consolidated at 20 the main landfill. Those were along the east side of the main landfill, what had been the active 21 22 fill.

23 Q Did you observe refuse that was not -- or 24 exposed refuse during this visit?

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Yes, I did. They were making progress 1 Α 2 toward filling in the trench that had been along the old cell. There was still some parts of that 3 that were open with exposed refuse. Also, in some 4 5 of the parts that had been filled in, there was 6 still some exposed refuse visible after the filling in of the trench. 7 Based on your knowledge, is there any 8 0 9 Regulation that addresses uncovered or exposed 10 refuse at a site? 11 А Yes, there are. 12 0 Can you tell me what those Regulations 13 require? Basically they require that all refuse be 14 А covered within certain time frames. Refuse should 15 be covered with a daily cover of at least six 16 17 inches of suitable material by the end of the operating day, the day in which it was received. 18 19 Based on your observations on this date, Q 20 you cited that there was no closure or post-closure plan. In your opinion -- well, let me ask you this 21 22 first. With regard to that, is the plan -- is there anything that distinguishes that the closure 23 and post-closure plan from actual -- I take that 24

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all back. Excuse me. I am going to start over. 1 2 That was going to be a confusing question. 3 During your visit, did you observe any activity that you would characterize as closure 4 5 care? 6 А Could you rephrase that possibly? 7 Well, let's start with this, then. The 0 observations that you made regarding some of the 8 9 waste being covered, would that be characterized as 10 a maintenance or operational step that the landfill 11 would take? What I observed were activities of 12 А 13 consolidating and covering the waste. I don't know that those could be necessarily construed as 14 closure activities, since there was no approved 15 16 closure plan to specify in details what activities 17 needed to be conducted. 18 Q All right. Did --19 MR. LATSHAW: I think I will object and 20 move to strike. It is unresponsive, and I think this witness can testify to what he observed the 21 22 activity to be, and the ultimate determination as 23 to what that is or is not is left to the trier of fact, I think. 24

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1 MS. MENOTTI: I believe that it is based 2 on his direct observation, and it is Mr. Turner's 3 job to observe conditions at a facility and decide 4 whether or not they are in accordance with the Act 5 and the Regulations. It is part of his normal job 6 description and his inspection report should 7 reflect this information.

MR. VAN NESS: Mr. Hearing Officer, if I 8 9 may, that is really not the question that Counsel asked this witness. I believe she is asking him to 10 11 characterize the activity and I am not sure, 12 frankly, what the question is, but it seems like 13 she is asking him to characterize whether the activity taken under the court order constitutes 14 closure, which sounds like, to me, a legal 15 16 conclusion. 17 Maybe I misunderstood the question, but it sounds like she is trying to extract a legal 18 19 conclusion from this witness. I think it is 20 objectionable on that grounds, as well. HEARING OFFICER WALLACE: Do you care to 21 22 rephrase your question? 23 MS. MENOTTI: I will rephrase, if you 24 would like.

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1 (By Ms. Menotti) While you were visiting Q 2 the site, on this date, was there any activity 3 occurring involving movement of waste? Waste -- some waste had been moved on to 4 А 5 the top of the landfill by this point. I don't 6 recall if I actually saw something physically being 7 moved at an exact moment, but some movement had occurred by this point. 8 9 Q Did you observe anyone placing any dirt 10 or soil or other material on top of any of the 11 exposed refuse? Some soil had been placed by this point. 12 А 13 If you want to know if I actually saw it happening at the time I was there, I would need to look at my 14 narrative for a moment to refresh my memory. 15 16 0 Please take a moment and see if you 17 directly observed that. (The witness reviewed document.) It does 18 Α not record that I observed it, so I would say that 19 20 I probably did not at that point observe it actually happening. 21 22 0 Directing your attention to what you referred to as the vertical overfill, are there any 23 pictures attached to the report that would 24

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illustrate the vertical unpermitted disposal of 1 waste that you cited? 2 I don't have any pictures from the south, 3 А which would really be the only ones that would show 4 5 it in an obvious manner for the layperson. 6 Basically any of the photos that do show the 7 landfill profile, though, you know, if you could generate a three-dimensional model of what the --8 9 of the permitted contours from that perspective, 10 that would show it was not meeting the permitted 11 contours. Is there a picture attached to this 12 Q 13 document that shows the uncovered refuse that you were referring to? 14 Roll 62, number 2, and roll 62, number 3, 15 Α 16 number 4 of roll 62, roll 62, number 5, roll 62, 17 number 6, roll 62, number 7 and 8, roll 62, number 18 9. 19 In your opinion, based on the violations Q 20 that you observed on this date, were there any impacts upon the environment as result of the 21 22 violations that you cited? The uncovered refuse would still have 23 А constituted an attraction, and the potential for 24

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contaminated runoff. Also, that the landfill was 1 2 not meeting its permitted limits would tend to 3 cause increased potential for erosion or for it to behave in a manner not necessarily considered 4 5 during the permitting process. 6 MR. LATSHAW: Again, let me note an objection to the question as being -- eliciting an 7 opinion without applying the proper standard. And 8 9 I move to strike the response. 10 HEARING OFFICER WALLACE: The objection is noted and overruled. 11 (By Ms. Menotti) Mr. Turner, I would like 12 0 13 to direct your attention away from that document. 14 Did you have the opportunity to visit the landfill again after this inspection? 15 Yes, I did. 16 А 17 Q Do you recall being at the site on 18 September 22nd, 1992? 19 А Yes, I do. 20 0 Did you conduct an inspection on this 21 date? Yes, I did. 22 А 23 Did you generate a report regarding this Q inspection? 24

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1 А Yes, I did. 2 Would you be able to identify that Q 3 report? 4 А Yes, I would. 5 MS. MENOTTI: Would you mark this, 6 please. (Whereupon said document was 7 8 duly marked for purposes of 9 identification as People's Exhibit 11 as of this date.) 10 MS. MENOTTI: I will show this to 11 opposing counsel. 12 13 (Ms. Menotti showed People's 14 Exhibit 11 to Mr. Latshaw, Mr. Van Ness and Mr. Taylor.) 15 (By Ms. Menotti) Mr. Turner, I will hand 16 Q 17 you what has been marked as People's Exhibit Number 18 11. Do you recognize this document? Yes, I do. 19 Α 20 Q Could you please identify it, for the record? 21 22 А It is the inspection report that I prepared as a result of my inspection on the 22nd 23 24 of September of 1992.

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And you personally generated this report? 1 Q А Yes, I did. 2 Is this the type of report that is 3 0 generated and maintained for Agency files? 4 5 А Yes, it is. 6 0 Is it the type of report that is 7 ordinarily prepared in the regular course of Agency 8 business regarding inspections? 9 А Yes, it is. Was this report prepared or generated 10 0 11 contemporaneously with or shortly after you conducted your inspection on this date? 12 13 А Yes, it is. Could you please look at it and tell me 14 Q if it is a true and accurate copy of the report 15 16 that you generated? 17 А Yes, it is. 18 MS. MENOTTI: At this point, Mr. Hearing 19 Officer, I would move to admit People's Exhibit 20 Number 11 into evidence as a business record of the 21 Agency. 22 HEARING OFFICER WALLACE: Any objection? 23 MR. VAN NESS: No, I have no objection, but I would note that we did not discover until a 24

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second ago that we were missing pages out of that. 1 2 We have a set in front of us now that is complete. HEARING OFFICER WALLACE: What part is 3 missing? 4 5 MR. VAN NESS: The first three pages. I 6 am sorry. The first two pages. 7 MR. LATSHAW: The first two pages of the 8 narrative. 9 MR. VAN NESS: It was not readily 10 apparent, because of the numbering system. So we were not able to tell, evidently, that there were 11 two pages missing of the narrative part of the 12 13 report. 14 HEARING OFFICER WALLACE: Was that not 15 disclosed? MS. MENOTTI: I believe that we sent 16 17 copies of everything we had. I didn't personally 18 send the document to Counsel for Waste Hauling, but 19 I have an extra copy right now, if they would like 20 it. To the best of my knowledge every bit of information we had has been disclosed to both 21 22 respondents regarding the inspection reports. HEARING OFFICER WALLACE: All right. Mr. 23 Taylor, do you have any objection? 24

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1 MR. TAYLOR: No, I don't. We did get the 2 first two pages of the narrative, but not the 3 pictures. 4 HEARING OFFICER WALLACE: All right. We 5 will admit People's Exhibit Number 11. 6 (Whereupon said document was admitted into evidence as 7 People's Exhibit 11 as of this 8 9 date.) HEARING OFFICER WALLACE: Let's go off 10 the record and take about a five-minute break. 11 (Whereupon a short recess was 12 13 taken.) HEARING OFFICER WALLACE: Back on the 14 15 record. Ms. Menotti, you may continue. 16 17 MS. MENOTTI: Thank you. 18 (By Ms. Menotti) Can you please summarize Q 19 what you observed during this inspection, Mr. 20 Turner? At this point, the site had completed 21 А 22 consolidating miscellaneous waste that had not been on the main landfill onto it. All waste had been 23 covered with approximately six inches of soil and 24

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the trenches near the old landfill had been filled 1 2 in. 3 Q During this inspection, did you note any violations at the facility? 4 5 А Yes, I did. 6 Q Could you please summarize what those 7 were? The landfill still did not conform to the 8 А 9 permitted contours. Final cover had not been 10 applied and had not been applied in the requisite 11 time. There was no groundwater monitoring program, 12 and there still was no closure, post-closure plans 13 or financial assurance. Regarding the first violation, could you 14 Q 15 describe what you observed regarding failure to 16 comply with the permits? 17 Α Sure. Basically, once again, the landfill was supposed to have a certain shape 18 19 sloping downward toward the north from a natural 20 grade downward, and that was not the case. It was 21 mounded up. 22 Q You are looking at a picture in your report. Could you please identify the picture? 23 24 А Sure.

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Q Could you tell me what it shows? 1 These are photos 76 -- roll 76, photos 2 А number 2 through 4. They show the mound of the 3 landfill. 4 5 0 Regarding the next violations that you 6 cited, can you please first describe what final 7 cover is? Final cover is a minimum of two feet of А 8 9 compacted suitable material. 10 0 Is that required by either the 11 Environmental Protection Act or a Regulation? A It is required by Title 35, Subtitle G, 12 13 807.305 C. Q Can you please tell me what you observed 14 15 that made you cite the violation for inadequate 16 final cover? 17 А There was not two feet of cover on the site. I mean, parts of the site had two feet, but 18 parts of it had less than two feet. 19 20 0 Okay. At what point was the landfill required to have this material covering the site? 21 22 А I don't recall the precise time frame, but it is either 30 or 60 days after final receipt 23 of waste that it should have final cover applied. 24

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1 Q Had that time period elapsed on the date
2 of this visit?

A Yes, it would have. It would have elapsed approximately three -- the receipt of -the last receipt of waste was more than three months -- actually, more than four months before the inspection, and the final cover still had not been applied.

9 0 Based on your observations on this date, 10 would you say that the violations you cited were 11 having any kind of effect upon the environment? Well, once again, the landfill was not 12 А built in the shape that it was planned and 13 permitted to be, so it can't be known how it will 14 behave, since it can't be known to behave the way 15 16 it would be modeled.

17 By not having final cover applied within the necessary time, the daily cover, which is only 18 19 six inches, has the potential to begin to erode 20 off. By not having the closure plan, which was specified in details for a vegetative layer over 21 22 the final cover, there is no provision there for the vegetation to be in place to stabilize and 23 protect the cover on the landfill. 24

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1
               MR. LATSHAW: Again, let me interpose an
 2
     objection that the question elicits an opinion
    without the appropriate standard, and I think it is
 3
    beyond the scope of his testimony.
 4
 5
              HEARING OFFICER WALLACE: Overruled.
 6
              MR. LATSHAW: And also move to strike.
7
     Excuse me.
              MS. MENOTTI: At this point, Mr. Hearing
8
9
     Officer, I have nothing further for this witness.
              Mr. Turner may need to be recalled when
10
11
     the hearing continues in April.
              HEARING OFFICER WALLACE: All right.
12
13
     Cross-examination, Mr. Latshaw, Mr. Van Ness? Are
14
    you flipping coins?
15
              MR. VAN NESS: We were flipping a coin
    here. I lost.
16
17
                         CROSS EXAMINATION
18
                         BY MR. VAN NESS:
19
         Q Mr. Turner?
20
         А
              Uh-huh.
              You began your inspections of the Waste
21
         Q
22
    Hauling Landfill in July of 1991, I believe you
23
    said?
         А
24
              That's correct.
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1 And turning your attention to People's 0 2 Exhibit Number 8, do you recall or do you see anywhere in that report any mention of a 3 conversation with Mr. Brad Brown? 4 5 А Since I interviewed Mr. Brown, there are 6 probably several mentions in here of conversations 7 with him or statements made by him. Do you need 8 specific examples? 9 Q Yes. For the sake of expediency, I 10 wanted to make sure you recalled that 11 conversation. Do you recall any conversation with Mr. Brown regarding the lateral boundaries of the 12 13 landfill? 14 On one of the inspections I believe I do. А I don't know if it was this particular one, 15 16 although I could review my report, if you would 17 like. 18 Would you please do so? Q 19 Α Sure. 20 Q I will represent to you that I believe it is that date. 21 22 Α (The witness reviewed document.) Yes, I have found a reference to it. 23 Q Okay. Would that be in paragraph number 24

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1 seven? 2 А Yes, it would. Thank you. Do you recall that 3 0 conversation now, sir? 4 5 А Pardon me? 6 0 Do you recall the conversation 7 memorializing that paragraph now? Very, very vaguely. I mean, this has 8 Α 9 been on the order of six years ago. 10 0 Do you recall that Mr. Brown represented 11 to you that perhaps the lines, as had been previously understood, were incorrect in terms of 12 13 the boundaries? 14 MS. MENOTTI: Mr. Hearing Officer, I would object. It appears that -- I am anticipating 15 the witness' answer, but it appears that the answer 16 17 is going to be hearsay. 18 MR. VAN NESS: I am sorry? Oh, hearsay. 19 MS. MENOTTI: It appears that you are 20 asking for an answer that --MR. VAN NESS: No, I am not asking -- Mr. 21 22 Hearing Officer, I am not asking for the witness to authenticate whatever Mr. Brown told him. I am 23 just asking him regarding the conversation, asking 24

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him if he recalls the conversation and the tenor of 1 2 that conversation. HEARING OFFICER WALLACE: The objection 3 is overruled. 4 THE WITNESS: I recall that the 5 6 conversation occurred. I don't recall in great 7 detail what was said. I mean, I only really know what I have in writing before me. 8 9 (By Mr. Van Ness) Have you read paragraph Q 10 seven? 11 А Yes. Okay. And is it fair to characterize 12 0 13 that Mr. Brown represented to you that the boundary line was in a different place than had been 14 previously understood? 15 16 А Yes, that's correct. 17 Q Okay. Is it fair to say that your report suggests that you had no means by which to 18 19 ascertain whether what he stated was true or not? 20 Α In regard to that particular instance of that boundary line, that is correct. 21 22 0 Did you ever obtain the means to 23 ascertain the boundary? 24 A On that particular score there, the issue

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of the boundary on the south limb of the site, no. 1 2 Now, turning your attention to your 0 inspection in May of 1992, and I believe that is 3 People's Exhibit Number 9. You agree that the 4 5 landfill was no longer taking in waste on that day? 6 Α That's correct. 7 0 And did you not conclude, sir, that the landfill was in the process of complying with the 8 9 court order? 10 Α That's correct. In your experience, sir, does it take 11 0 time for a landfill -- once out of compliance, does 12 13 it take time for a landfill to get in compliance? 14 А Depending on the nature and extent of how they were out of compliance, yes, it would take 15 16 some amount of time, you know, a short time, a long 17 time, dependent upon the nature of the violations. 18 All right. When we talked about Q 19 violations, we are talking about apparent 20 violations, are we not? We are talking about observations that I 21 А 22 saw that in my interpretation were not in accordance with the Regulations and/or the permit. 23 24 Q You characterize these in your report as,

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I believe, apparent violations; isn't that right? 1 2 А That's our standard terminology. Yes. 3 Thank you. Now, turning your attention 0 now to the People's Exhibit Number 10, and that's 4 5 the July 9, 1992 inspection. 6 Did you not conclude, sir, at that time 7 that the landfill had made great strides in 8 complying with the court order? 9 That is correct, I believe. Α 10 0 Okay. And is that -- was that an 11 accurate depiction of your impressions at that 12 time? 13 А Yes. Turning to People's Exhibit Number 11, 14 Q that is dated September 22, 1992; is that correct? 15 16 А That's correct. 17 Q And isn't it true that based on your observations you reported that the landfill had 18 19 essentially complied with the court order? 20 А That's correct. Okay. And isn't it true that on that day 21 Q 22 activity continued? On the day you arrived there, 23 was there not continuing activity underway at the 24 landfill?

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1 А I don't recall. I can review my notes, my report here, if you would like. 2 3 Q Okay. Would you turn to your report, please, and let's take a look at -- you probably --4 5 let me back up. 6 Do you recall seeing whether there was 7 any equipment being utilized at that time? 8 А Not off the top of my head. I don't 9 recall. Okay. Would your report note that in any 10 0 11 wav? It might be noted in the narrative. 12 А 13 There may be photos that depict it. Let's take a quick look through it and 14 Q see if you see anything that jogs your memory in 15 16 there? 17 А Okay. Short of reading every word right now, which I am sure we don't want to do, I don't 18 19 see any ready reference to other people on site, other than Mr. Brown and myself. 20 Okay. Did you understand that Mr. Brown 21 0 22 was performing the work there at the site? 23 А Meaning that he was operating the equipment himself? 24

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1 Q Right. 2 А I know he was overseeing the operation. I don't recall if he had actually done any of the 3 work himself. I believe he had a heart condition, 4 5 so I don't know. 6 Q Okay. Without belaboring the point, 7 could you turn to photo number 9 on roll 76? 8 А Okay. 9 0 I see what appears to be two pieces of 10 equipment there. They look like they may be 11 operating. Does that jog your memory? No, it doesn't jog my memory. 12 А 13 0 Okay. I don't want to beat a dead horse 14 here. Let's turn our attention to the weather conditions on September 22, 1992. It looks like it 15 16 was pretty sunny. 17 А It was a beautiful day. 18 Do you recall making a note in your Q 19 report of that date that it hadn't always been that 20 way? I know I made a note in one of the 21 А 22 reports. It may be this one. 23 Let me turn your attention to paragraph 0 number one of your narrative. Do you see your 24

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1 narrative? 2 А The introductory paragraph? 3 Q Paragraph number one. Oh, item number one. Okay. 4 А 5 Q Yes, item one. 6 А Okay. 7 0 Isn't it true that you make note there, 8 sir, that July of 1992 was the wettest month on 9 record in this area? 10 А That's correct. 11 0 And did you report the amount of rainfall that had fallen in that area? 12 13 А Yes. Do you consider it feasible for a 14 Q landfill operation to be conducted when there is 17 15 inches of rain coming down? 16 17 А I don't know. 18 Q Would you agree it would have an impact? 19 А It would tend to make the soil more 20 difficult to work with due to becoming muddy. Did you have an occasion to visit the 21 0 landfill later in 1992? 22 Later after September 22nd? 23 А 24 Q Yes.

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А 1 No. 2 So you don't know for a fact that the Q entirety of the landfill was not ultimately covered 3 with two feet of material; is that correct? 4 5 А I do not know the current condition of 6 the site. 7 Q Okay. Now, it has been your opinion throughout that the landfill exceeded its vertical 8 9 boundary, and I guess I would call it the horizontal boundary; is that correct? 10 11 Α That's correct. Did you ever undertake any measurements 12 Q 13 to confirm that? 14 On the -- let's separate that into the Α vertical and lateral. On the vertical, according 15 to the approved plans, the maximum elevation should 16 17 have been natural grade, natural topography at the 18 sound end of the landfill and sloping downward from 19 that point. 20 I did not actually measure, but if you stand at south of the landfill you have to look up 21 22 to see the top of it. Therefore, it could not have 23 been sloping continuously down from grade toward 24 the river.

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1
              On the lateral issue, I personally did
 2
     not undertake any type of measurement to ascertain
     that, although I believe it was done by another
 3
     member of the Agency.
 4
 5
          Q But not by you?
 6
          А
              But not by me personally, no.
              MR. VAN NESS: Okay. Thank you. Nothing
 7
 8
     further.
              HEARING OFFICER WALLACE: Mr. Taylor?
 9
10
              MR. TAYLOR: We have no questions for the
11
     witness.
              HEARING OFFICER WALLACE: Redirect?
12
13
              MS. MENOTTI: Can we take a couple minute
14
     break?
              HEARING OFFICER WALLACE: All right.
15
16
                         (Whereupon a short recess was
17
                         taken.)
18
              HEARING OFFICER WALLACE: Back on the
19
     record. Any redirect?
              MS. MENOTTI: Yes. Can I have one
20
     moment, please, to confer.
21
22
              HEARING OFFICER WALLACE: Yes.
                         (Mr. Davis and Ms. Menotti
23
24
                         confer briefly.)
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1 MS. MENOTTI: Can I proceed? HEARING OFFICER WALLACE: Pardon me? 2 MS. MENOTTI: Can I proceed now? 3 HEARING OFFICER WALLACE: Yes. 4 5 REDIRECT EXAMINATION 6 BY MS. MENOTTI: 7 I just have a couple of questions to Q clarify the record. First, I would like to talk a 8 9 little bit about Agency procedures. Is it part of your job description to conduct inspections of 10 11 facilities? Yes, it is. 12 А 13 0 And is it also part of your job to make observations during those inspections? 14 Yes, it is. 15 А 16 Q Do you document those observations? 17 А Yes, I do. 18 And in what format do you document them? Q Field notes, which are later transformed 19 Α into an inspection report, and by photos and other 20 form of documentation. 21 22 0 And as part of those inspection reports, 23 do you note if you find any violations at the 24 facility?

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А Yes, I do. 1 2 Q In your experience with the Agency, does 3 the Agency depend on your observations and reports in assessing whether or not a violation may exist 4 5 at a particular site? 6 Α Yes, it does. MR. LATSHAW: I think I will object to 7 that. It is beyond the scope of cross. It is 8 9 certainly calling for an opinion about what might 10 or might not occur within the thinking processes of 11 certain people inside the Agency, which that is --HEARING OFFICER WALLACE: This does seem 12 13 to be beyond the scope of cross-examination. 14 MS. MENOTTI: This line of questioning is in response to Mr. Van Ness' questions regarding 15 16 the citations in the inspection report as to 17 whether they were apparent violations or 18 violations. I just wanted to clarify how the 19 Agency treats these inspection reports in regard to 20 whether or not they are -- the violation exists or 21 are apparent. 22 MR. VAN NESS: I think the witness has 23 already given his testimony on this point, Your

24 Honor. I don't see what this adds to it. It is

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1 argumentative.

2 HEARING OFFICER WALLACE: All right. The 3 objection is sustained. 4 MS. MENOTTI: The other questions that I 5 have for Mr. Turner are regarding Mr. Van Ness' 6 questions regarding the court order. Q (By Ms. Menotti) Do you know what the 7 8 terms of the court order closing the landfill 9 required? In general I do. If you would like them 10 А 11 specifically recounted I would like to refer to one of my reports where I have them enumerated, so I 12 13 don't misspeak. You have the conditions of the court 14 Q order cited in one of your reports? 15 16 А Yes. 17 0 Could you please indicate which report 18 that is? 19 А That would be in, I believe, all the ones 20 after the order was entered, so the reports of May, July and September of 1992. 21 22 0 I would direct your attention to the 23 inspection reports dated May 8 and May 12th, 1992. 24 А Yes.

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1 In that document do you make any notation 0 as to what was required -- what kind of activity 2 3 was required at the landfill by the court order? 4 А Yes, I do. 5 0 Could you please summarize those for the 6 record? 7 А To cease and desist all operations of the 8 landfill. To close the trench that had been 9 excavated on the site and prevent leachate from 10 entering waters of the State of Illinois. And to 11 immediately cover all existing waste or refuse with at least six inches of suitable material, defined 12 13 by law. Did you observe any of those activities 14 Q on that date occurring? 15 16 А Yes, those activities were begun. 17 Q The six inches of cover that was required by the court order, how does that compare to what 18 19 is required by the Regulations for closure 20 activities? The six inches of suitable material is 21 А 22 equivalent to daily cover, the type of cover that 23 is supposed to be in place over waste by the end of each operating day. The Regulations also require 24

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final cover of two feet additional suitable 1 2 material beyond what is required by daily cover. MS. MENOTTI: Okay. Thank you. I have 3 nothing further. 4 5 HEARING OFFICER WALLACE: Re-cross? 6 MR. VAN NESS: Yes. RECROSS EXAMINATION 7 BY MR. VAN NESS: 8 9 Q Does the daily cover requirement include compaction, sir? 10 11 А Pardon me? Does the daily cover requirement include 12 0 13 compaction? 14 I am a little -- it has been quite awhile А since I have worked on a solid waste site. I am a 15 little hazy on that. But it is generally perceived 16 17 as being six inches of compacted soil, and I don't 18 recall exactly where that is stated. I believe the 19 Regulations say suitable material, but it is 20 generally held as compacted soil or clay. In all events, when you stated in your 21 0 22 report of September 22, 1992, that --MS. MENOTTI: Objection, Mr. Hearing 23 Officer. I don't think we have discussed the 24

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1 September report during redirect.

2 MR. VAN NESS: Well, Mr. Hearing Officer, Counsel for the People have introduced the subject, 3 and I am simply trying to --4 5 HEARING OFFICER WALLACE: Well, wait just 6 a minute. Why don't you finish your question 7 first. MR. VAN NESS: Thank you. 8 9 Q (By Mr. Van Ness) In your conclusion on September 22, 1992, that it appeared that the 10 11 landfill had eventually complied with the court order, in the course of reaching that conclusion, 12 13 did you take any samples or measurements to 14 ascertain the depth of cover? HEARING OFFICER WALLACE: All right. Do 15 16 you still object to that? 17 MS. MENOTTI: The last part was to the 18 depth of cover? 19 MR. VAN NESS: Yes. 20 MS. MENOTTI: I would still -- never mind. I will withdraw the objection. 21 22 HEARING OFFICER WALLACE: All right. Mr. 23 Turner --24 THE WITNESS: No, I did not take any

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KEEFE REPORTING COMPANY Belleville, Illinois 1 measurements.

2 Q (By Mr. Van Ness) So it could have been six inches, it could have been two feet? 3 A Mr. Brown, the operator, stated that 4 5 there were at least six inches or approximately six 6 inches, as the case may be. 7 Q (By Mr. Van Ness) You had no other 8 information to go on besides your personal 9 observation? 10 А It would have only been my personal 11 observations, or the statements made by Mr. Brown. MR. VAN NESS: Thank you. 12 13 HEARING OFFICER WALLACE: Any questions? MR. TAYLOR: No. 14 15 EXAMINATION BY HEARING OFFICER WALLACE: 16 17 Q Mr. Turner, you mentioned something called the old cell. Is that more -- is there a 18 19 more descriptive term than old cell? 20 А It is, I believe, formerly -- it is formerly referred to as the McKinney number one 21 22 landfill. Okay. Is it a joint determination 23 0 between the Agency and the landfill as to when the 24

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last waste is accepted, or is that completely a 1 landfill decision? 2 A I don't know. I mean, in this 3 specific --4 5 Q You made a statement that the landfill 6 had ceased accepting waste. How did you know that, 7 then? It was ordered by the court to cease 8 А 9 accepting waste, and by the point at which we first went to the site after the order was entered, we 10 11 did not observe any waste entering nor did local residents. To the best of our knowledge no waste 12 13 entered the site after the order was entered. 14 Q In your reports that you testified to you cited closure, post-closure and financial plan 15 16 citations? 17 А (Nodded head up and down.) 18 0 Is that correct? 19 А That's correct. 20 0 Are these documents required to be kept at the landfill site? 21 22 Α I believe that they would be required to 23 be kept there. Generally anything pertaining to the permitting or operation of the landfill 24

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monitoring and so forth, are supposed to be kept on
 site.
 Q Or is that a citation that you checked

4 after returning to your office?

5 A It was one that I checked when I
6 completed the report. It was cited at that time,
7 checked at that time.

8 Q Then would you walk through, one more 9 time, how you can tell the vertical overfill by 10 looking up? You have mentioned that two or three 11 times.

Okay. There is a natural grade or 12 А 13 topography to the property, as there is to any property, and in this case it is a property 14 bordering the Sangamon River, and it is going to 15 16 tend to slope downhill toward the river. The 17 approved plans for the site called for that slope 18 to be filled in, but the new slope, the slope of 19 the fill compared to the existing topography, it 20 should still go downhill from the point -- from the furthest south -- the south limit of the fill. 21 22 So if you are standing up here away from 23 the landfill to the south, at no point should you 24 have to look up to see the top of the landfill. It

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should slope down, not as gradually as it used to, 1 but it should still slope down towards the river. 2 3 However, when you come into the property from the south, you have to look up to see the top 4 5 of the landfill. So it has been filled definitely 6 above the existing grade, and it should not have 7 been, according to the approved plans. 8 0 How do you know that you are at grade? 9 Because I am standing on it. I guess I Α 10 don't understand your question, sir. 11 Well, you said that at grade it should 0 12 slope downward, and you are saying that you look 13 upward? 14 А At no point when you enter the property from the south should you have to look up to see 15 16 it, but at any point you look up to the see the top 17 of the landfill. As a matter of fact, it is 18 visible from some distance around. 19 Well, what do you base your conclusion on Q 20 that as you enter the landfill from the south that you should not have to look up to see the landfill, 21 22 but rather should be looking down? 23 А The approved plans show a final contour 24 topography that at its highest elevation at the

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1 south end of the site is less than the original grade south of the area covered by the landfill. 2 HEARING OFFICER WALLACE: All right. I 3 4 thank you, Mr. Turner. You may step down. 5 You are subject to recall at the later 6 portion of this proceeding. (The witness left the stand.) 7 8 HEARING OFFICER WALLACE: Let's go off the record. 9 10 (Discussion off the record.) HEARING OFFICER WALLACE: We will break 11 12 for lunch and be back at 12:40. 13 (Whereupon a lunch recess was taken from 11:35 p.m. to 12:40 14 p.m.) 15 16 17 18 19 20 21 22 23 24

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1
                     AFTERNOON SESSION
 2
                 (March 4, 1997; 12:40 p.m.)
              HEARING OFFICER WALLACE: Back on the
 3
     record. We will recommence for the afternoon.
 4
 5
              All right, Ms. Menotti.
 6
              MS. MENOTTI: The People would like to
     call Robert Krimmel.
7
              HEARING OFFICER WALLACE: Mr. Krimmel, if
8
9
    you will take a seat over here, please.
10
                         (Whereupon the witness was
11
                         sworn by Hearing Officer
                        Wallace.)
12
13
              ROBERT G. KRIMMEL,
    having been first duly sworn by the Hearing
14
    Officer, saith as follows:
15
                        DIRECT EXAMINATION
16
17
                        BY MS. MENOTTI:
18
         Q For the record, could you please state
19
    your full name.
             Robert G. Krimmel.
20
         А
             And, Mr. Krimmel, what is your current
21
         0
22
     occupation?
              I am a consulting engineer with the firm
23
         А
    of SKS Engineers, Incorporated, in Decatur.
24
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1 Could you please tell me a little bit Q about your educational background? 2 I have a Bachelor of Science Degree in 3 А Civil Engineering from the University of Illinois. 4 5 Q Do you have any other certifications? 6 А I am a Registered Professional Engineer in the State of Illinois and in the State of 7 8 Indiana, and I am also a Registered Professional 9 Land Surveyor in the State of Illinois. Mr. Krimmel, are you familiar with the 10 0 11 Waste Hauling Landfill? 12 А Yes, I am. 13 Q In what capacity are you familiar with 14 it? I have been the engineer of record for 15 А the landfill since approximately 1980. 16 17 Q As a consulting engineer, what services 18 do you perform for the landfill? 19 А For Waste Hauling Landfill, my services 20 were primarily related to IEPA permitting requirements, and I also assisted Mr. Camfield in 21 22 preparing engineering documents for a siting 23 hearing for the possible expansion of the 24 landfill.

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```
1
         Q Let's talk about the siting petition that
 2
    you just mentioned. Do you know when the siting
    petition was filed?
 3
              Sometime in 1989 or 1990.
 4
         А
 5
         0
              And at what point did you become involved
6
    with the preparation of that?
              We were involved with the engineering
7
         А
8
    documents from the very beginning.
         Q At what point in time? What year did you
9
10
    begin preparing the engineering plans for that
11
    document?
         A Well, approximately a year --
12
13
    approximately a year ahead of the time that the
14
    document was --
         Q Do you recall what the purpose of that
15
16
    siting petition was?
17
         А
              It was to expand the landfill.
18
              And was the expansion of the landfill
         Q
19
    intended to be vertical, lateral, vertical and
20
    lateral? How would you characterize the expansion?
              In relationship to the existing
21
         А
22
    landfill?
              Correct.
23
         0
              It was both a vertical and lateral
24
         А
```

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1 expansion.

2 Did it involve an expansion onto areas Q 3 that were not already permitted? That's correct. 4 А 5 0 Which direction, with regard to the 6 lateral expansion, was the petition seeking? 7 А The petition was seeking a lateral 8 expansion generally to the west and southwest. 9 0 And was that based off of -- the expansion was based off the -- was it based off of 10 11 the existing contours of the landfill? I am sorry. I don't understand your 12 А 13 question. 14 Was the expansion -- I guess a better Q phrase is was the expansion intended to be 15 16 contiguous from the contours of the landfill as 17 they existed at the time of the petition, or was it 18 intended to be a completely separate portion? 19 А The expansion was to be contiguous with 20 the existing landfill. Did the petition involve any expansion to 21 0 22 areas of the landfill that already existed? 23 А Yes. Could you please indicate what area of 24 Q

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1 the landfill that was?

2 А The final contours that were in the -- of the expanded landfill that were shown in the siting 3 document showed the final landfill in the vicinity 4 5 of the existing landfill to be somewhat higher and 6 maybe a minor lateral expansion to the north, not very much, as I recall. 7 8 0 Okay. 9 Most of the lateral expansion, again, was Α 10 to the west and to the southwest. 11 0 With regard to the expansion of the existing area, do you recall what the vertical 12 13 elevation sought in the siting petition was? 14 I am sorry. I don't understand. А You said that the portion of the landfill 15 Q 16 already in existence was what the siting 17 addressed. I am asking do you recall what the requested maximum elevation with regard to the 18 19 vertical level of the fill requested was? 20 А I believe it was somewhere in the vicinity of elevation 700. 21 All right. 700, is that in feet? 22 0 23 А Mean sea level. 24 HEARING OFFICER WALLACE: I am sorry.

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Would you state your answer again, please? 1 2 THE WITNESS: It was in the vicinity of the -- I believe that she asked me what the 3 proposed final elevation was to be in the vicinity 4 5 of the existing landfill, and my answer was I 6 believed, to the best of my knowledge, I remembered 7 it to be about elevation 700 mean sea level. HEARING OFFICER WALLACE: Are you saying 8 9 700 mean sea level? THE WITNESS: 700, yes, mean sea level. 10 11 Elevation 700, based on mean sea level. (By Ms. Menotti) Was this height for the 12 0 13 existing fill areas as well as in the new expanded 14 contiguous area? 15 Α No. Did it address -- actually, let me show 16 Q 17 you what has been marked as People's Exhibit Number 18 1. Do you recognize this document? 19 А Yes, I do. 20 0 Did you have any involvement with its 21 preparation? 22 А Yes, I did. 23 Could you describe your involvement? Q This is a topographic map that was made 24 А

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from an aerial survey, and we arranged for the 1 2 aerial survey, and we also did what is known as the ground control for this aerial survey. 3 4 Q Okay. And when was this survey 5 conducted? 6 Α The survey was based on a flight that was 7 made over the site, as it says on the face of the survey, on April 14th, 1988. 8 9 What does, in general, the survey show? 0 10 Α It shows the contours of the Waste Hauling Landfill. 11 Okay. Was this document used at all to 12 0 13 prepare drawings or was it incorporated at all in the siting petition we have been discussing? 14 Yes, this document was used as part of 15 Α 16 the information within the siting petition. 17 Q I will refer back to the question I was asking regarding the vertical elevation. Could you 18 19 indicate which area on the map the 700 mean sea 20 level elevation first siting was sought? I don't recall exactly, but it would have 21 А 22 been somewhere in the vicinity of what is now shown as the high point of the -- I am sorry -- what was 23 shown as the high point of the western most fill 24

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area of this landfill at the time that this survey 1 2 was made. Can you identify what the number or the 3 0 mean sea level vertical height that the aerial 4 5 survey indicates the landfill was at, at this point 6 in time? Which vertical height? 7 А 8 Of the fill area that you were just 0 9 talking about? Well, the fill area varies in elevation 10 А 11 from somewhere around 620 to -- elevation 620 to a high point of 678.5. 12 13 At the time of -- at the time that this 0 14 survey was flown, were you aware of the permitted contours of the landfill? Let me be more 15 16 specific. 17 Were you aware of the contours that were 18 permitted by the Illinois EPA for the landfill? 19 А Under what permit? 20 Q The operating permit, the developing and operating permit that was, I believe, transferred 21 22 to Mr. Camfield when he became the owner of this 23 facility? A Yes, I was. 24

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Could you tell me, to the best of your 1 0 2 recollection, what you remember the mean sea level elevation contours to be at its highest point? 3 A To the best of my recollection, the 4 5 highest point that is shown on the permitted 6 contours is elevation 640. Q I would like to ask you if you remember 7 drafting a letter on behalf of Mr. Camfield and the 8 Waste Hauling Landfill. Have you ever prepared any 9 notification forms? Let me back up. 10 11 Have you ever prepared any notification forms on behalf of Waste Hauling Landfill? 12 13 А I have drafted several letters and prepared many documents on behalf of Mr. Camfield. 14 Have you ever submitted any of those 15 Q 16 types of letters to the Illinois EPA? 17 А Many of the letters that I drafted on behalf of Mr. Camfield went to the EPA. 18 19 Do you recall drafting a letter regarding Q 20 a notification letter regarding the landfill in March of 1991 at all? 21 22 A I may have. 23 If I showed you the letter, would you be 0 able to identify it? 24

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1 А I should be able to. 2 Under the assumption that you had drafted Q it and submitted it? 3 4 А Yes. 5 MS. MENOTTI: Could you mark this, 6 please. Thank you. (Whereupon said document was 7 8 duly marked for purposes of 9 identification as People's Exhibit 12 as of this date.) 10 11 MS. MENOTTI: Do you want to see this first? 12 MR. TAYLOR: I would like to see it. I 13 14 am not sure what it is. (Ms. Menotti showed People's 15 Exhibit 12 to Mr. Latshaw, Mr. 16 17 Van Ness and Mr. Taylor.) 18 (By Ms. Menotti) Mr. Krimmel, I hand you Q 19 this document. Do you recognize it? Yes. It is on stationery from my firm. 20 А It appears to be signed by me. 21 22 0 Would that be a document that you would have generated if you signed it? 23 24 А Yes.

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1 Q I would direct your attention to page two 2 of the document. Is there anything on that page that indicates if the landfill exceeds its 3 permitted contours? 4 5 A Yes. 6 0 Could you please tell me what that information entails? 7 A Roman numeral 1A6 asks the question, have 8 9 any areas been filled beyond the current permitted boundaries? 10 0 And --11 A And parenthetically it says include 12 13 vertical and final contour boundaries as well as 14 lateral boundaries. 15 Q And what was --It is checked yes, with the caveat the 16 А 17 vertical boundaries. 18 Q Thank you. HEARING OFFICER WALLACE: I am sorry. 19 20 With the caveat what? THE WITNESS: It said vertical 21 22 boundaries. HEARING OFFICER WALLACE: Excuse me. 23 What is the date on that letter? 24

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1 THE WITNESS: March 14th, 1991. 2 (By Ms. Menotti) Just for the record, Mr. Q Krimmel, who was this document submitted to? 3 It is addressed to the Illinois 4 А 5 Environmental Protection Agency, Division of Land 6 and Noise Pollution Control, Number 24, Planning & 7 Reporting Section Compliance Unit. The salutation 8 is to Mr. Eastep. 9 0 Was this submitted for the Waste Hauling 10 Landfill? 11 А Yes. In your contact, in your capacity as a 12 Q engineer regarding the landfill, do you know if 13 14 there were ever any problems or violations regarding overfill or extension beyond the lateral 15 16 boundaries that were not permitted? 17 Α I have a recollection that there was a citation made concerning the overheight. I don't 18 19 recall if there were ever any citations about 20 extension of lateral boundaries beyond the limits. Mr. Krimmel, do you recall giving a 21 0 22 deposition in your office on January 24th, 1997? 23 А Yes. 24 Do you recall reviewing a copy of the 0

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testimony that you gave? 1 2 A Yes. Yes, I did. 3 MS. MENOTTI: Do you gentlemen want to see the copy that I am going to use? 4 5 MR. LATSHAW: I don't know. Is this an 6 attempt to impeach the witness or what? 7 MS. MENOTTI: I am just going to use this 8 to see if we can refresh his recollection regarding 9 the last question. I just want to know if you want 10 to see this before I refer to it. MR. LATSHAW: Yes. May I see it, 11 12 please? 13 I think we need to interpose an objection to the document you have marked as People's Exhibit 14 12. That is not on your list. 15 MS. MENOTTI: I am not offering it. 16 17 MR. LATSHAW: I don't think it should be 18 appropriate, for the record, to examine the witness 19 regarding that exhibit once you have marked it. 20 That's not on your list. I would strike the 21 testimony with regard to the exhibit. 22 MR. VAN NESS: What are you asking him to look at? 23 24 MS. MENOTTI: The question regarding the

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1 lateral fill.

2 MR. VAN NESS: Okay. Right here? MS. MENOTTI: Yes. 3 MR. VAN NESS: Okay. 4 5 (Ms. Menotti showed the 6 document to Mr. Latshaw, Mr. 7 Van Ness and Mr. Taylor.) HEARING OFFICER WALLACE: Ms. Menotti, do 8 9 you wish to respond to the objection? 10 MS. MENOTTI: I am sorry. Was the 11 objection to --HEARING OFFICER WALLACE: The objection 12 13 and motion to strike the use of the testimony 14 concerning this document, because it was not 15 included on your list. MS. MENOTTI: My exhibit list? 16 17 MR. VAN NESS: That's right. We have 18 looked and we have not found it either among the 19 things provided or on the list provided in response 20 to discovery. 21 MS. MENOTTI: I would submit, Mr. Hearing 22 Officer, I may have inadvertently left off this document. It was tendered by the Waste Hauling 23 24 respondents through this witness during the

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discovery process. They certainly have had access
 to it.

I don't intend to admit it into the 3 record as evidence, and I do not know of any 4 5 Regulation that precludes us from discussing 6 testimony that is -- or precludes us from 7 discussing evidence that is not listed in the 8 exhibit list. It was my impression that the 9 exhibit list was for convenience, not as a 10 preclusion to what we could or could not bring into 11 evidence at this hearing. HEARING OFFICER WALLACE: All right. You 12 13 are not offering that into evidence? 14 MS. MENOTTI: I am not offering the document into evidence. I had it marked for 15 identification, so it would go to something to 16 17 reference it. I do not intend to offer it as 18 evidence. 19 HEARING OFFICER WALLACE: The motion to 20 strike is denied. MS. MENOTTI: Thank you. May I 21 22 continue? HEARING OFFICER WALLACE: Yes. 23 Q (By Ms. Menotti) Mr. Krimmel, regarding 24

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the question regarding lateral overfill, I believe 1 we discussed it during your deposition in January 2 3 of this year, and I would like you to look at page 17 of what I am handing you here, and I will give 4 5 you the line number, and see if that refreshes your 6 recollection at all regarding the status of -- your knowledge of the status of the lateral overfill. 7 8 We are at lines 10 through about 22. 9 MR. TAYLOR: Excuse me. What lines, 10 Maria? 11 MS. MENOTTI: I am starting at -- the question starts at line 10 that I asked him to 12 13 review. 14 MR. VAN NESS: What page? 15 MS. MENOTTI: Page 17. 16 MR. VAN NESS: Okay. Page 17. Thank 17 you. 18 MR. TAYLOR: You asked him to review 19 lines 10 through 22? MS. MENOTTI: Right, regarding his 20 testimony at the deposition. 21 22 (The witness reviewed 23 document.) (By Ms. Menotti) Have you had a chance to 24 Q

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1 read that?

2 А Yes. 3 Does that refresh your memory at all 0 regarding information of the lateral overfill 4 5 violations? 6 Α Yes. Would you like to tell me if you recall 7 0 8 any violations regarding the lateral overfill? 9 No. I answered in that deposition as А best as I could recall. The citations for 10 11 overheight and lateral expansion were addressed in the siting action in the early 1990s. Had the 12 13 siting action been successful, then problems would 14 have been taken care of. Thank you. What was the ultimate 15 Q disposition of the application for siting? 16 17 Α It was denied by the Macon County Board, 18 and I believe there was also an appeal made and 19 that was also subsequently denied. 20 0 While this siting process was occurring, to the best of your knowledge, was the landfill 21 22 still open? 23 А Yes. And to the best of your knowledge, was 24 Q

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```
the landfill still receiving waste?
1
 2
         А
               Yes.
               Did you have any discussions with Mr.
 3
          0
     Camfield regarding the landfill after that request
 4
 5
    was denied?
 6
          А
               Yes.
 7
          Q
               Did you, at any point, discuss the height
     of the landfill?
8
 9
          А
              After the siting was denied?
10
          0
               Yes.
               I don't recall specifically whether we
11
          А
    did or did not.
12
13
          0
               Did you have any discussions regarding
     the continuation of the receipt of waste at the
14
     landfill?
15
               To the best of my knowledge, I don't
16
         А
17
    believe we discussed that.
18
               Once the petition was denied, to the best
          Q
19
     of your knowledge, did the landfill remain open?
20
          А
               Denied at what point?
               When it was denied by the Macon County --
21
          Q
22
    by the Macon County Board?
23
         А
               Yes.
24
         Q Did the landfill remain open?
```

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1 А It remained open. Did it continue to receive waste? 2 0 Yes, it did. 3 А Did Mr. Camfield ever indicate to you 4 Q 5 when he intended to cease accepting waste at the 6 site? 7 А At what point? At any time? Did he indicate how long he 8 0 9 intended to keep receiving waste at the fill? 10 А Well, if he had gotten his expansion, he 11 would have stopped receiving waste when that landfill was full. And after the siting was 12 13 denied, it was his intent to continue operation 14 until October of -- sometime in October of 1992, which was a milestone date in the 811 Regulations. 15 That is when the 807 landfills had to close by in 16 17 order not to come under the 11 Regs. 18 Okay. I would like to direct your Q 19 attention to what has been previously marked as People's Exhibit Number 3. Do you recognize that 20 document? 21 22 А Yes, I do. 23 Do you recognize that document? 0 24 Yes, ma'am, I do. А

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Is it a document that you generated? 1 Q It was generated in my office partially 2 Α by me and partially by people working under my 3 direction and supervision. 4 5 0 Okay. Can you briefly summarize what 6 this document is, for the record? 7 А This document is a letter on my firm's stationery dated March 21st, 1996, addressed to Mr. 8 9 Edwin C. Bakowski, Manager, Permit Section, Bureau 10 Land, IEPA, and it is referred to their log number 11 of 1991-136, and it is a list of -- it is some 12 response -- the letter, as a whole, are responses 13 to some potential denial points that had been directed to me for a pending supplemental permit at 14 the Agency, and the denial points had come to a 15 16 letter -- come to me in a letter dated November 17 4th, 1991, and it was signed by Larry Eastep. When you were preparing this document, 18 Q 19 did you base it on information that you believed 20 was accurate? 21 А Yes, ma'am. 22 Q And to the best of your knowledge, did 23 this -- did the information you included reflect

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the condition at the Waste Hauling Landfill or at

24

the time it was submitted? 1 2 A I am not sure I understand exactly your 3 question. 4 The information that you -- that was used Q 5 to generate this, was it based on information and 6 knowledge you had regarding the landfill at that 7 time? Yes, but there was some information that 8 A 9 was included that reflected the conditions at the landfill at earlier times. 10 Q Okay. I would like to direct your 11 attention to the Attachment C of this document. 12 13 A Okay. 14 Could you please tell me what this Q attachment is entitled? 15 Attachment C, and the title page of the 16 А 17 document is, "Revised Closure, Post-Closure Care 18 Plan." 19 Q Could you turn to the fourth page of the 20 attachment, please? 21 А Okay. 22 0 I am sorry. I said -- can you go to the 23 fifth page? 24 A The fifth?

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That's the page right there, the fourth 1 Q page of the text after the -- turn to the next 2 3 page. I am looking for the page that starts with the narrative across the top of it. 4 5 А Okay. 6 Q Can you, please, for the record, read the 7 caption across the top of the page so everybody 8 knows what we are looking at? 9 The narrative across the top of the page Α 10 reads, "Narrative/Comment, Closure, Post-Closure 11 Care Plan, Decatur/Waste Hauling Landfill, site number 1158010001, April 1991, revised March 1996." 12 13 Is there anywhere on this page that 0 indicates what the elevation of the active area of 14 the -- or what the elevation of the area that had 15 16 been active in 1992, what the elevation was there? 17 А Item number 6, fill area number two, and item C under that lists the top elevation as 700 18 19 plus. 20 0 Could you tell me how that number 21 compares with the permitted contours that you 22 testified to earlier? 23 А Some 60 feet higher. 24 At that point in time, Mr. Krimmel, to Q

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your knowledge, was the 640 foot perimeter still
1
 2
     the permitted perimeter?
 3
          А
               Yes.
               MS. MENOTTI: One minute, please.
 4
 5
                         (Mr. Davis and Ms. Menotti
 6
                         confer briefly.)
 7
               (By Ms. Menotti) You can set that
          Q
8
     document aside. I just have one last area of
9
     questions.
               During your -- during your deposition a
10
11
     document was tendered from your file, and I
     would -- I am going to have it marked and show it
12
13
     to other Counsel, but my question first is would
14
    you be able to identify documents that you have
     generated -- a document that you generated
15
16
    regarding the Waste Hauling Landfill from your
17
     file?
18
         А
               I have to see it first.
19
          Q
               Let me have it marked, and we will see if
20
     you recall what this is.
         А
               All right.
21
22
               MS. MENOTTI: Could you mark this,
23
    please.
24
                         (Whereupon said document was
```

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duly marked for purposes of
1
 2
                         identification as People's
                         Exhibit 13 as of this date.)
 3
               MR. LATSHAW: Is this on the list?
 4
 5
               MS. MENOTTI: Yes.
 6
                         (Ms. Menotti showed People's
                         Exhibit 13 to Mr. Van Ness, Mr.
 7
                         Latshaw and Mr. Taylor.)
 8
 9
               (By Ms. Menotti) Mr. Krimmel, I am
          Q
10
     handing you what has been marked as People's
     Exhibit Number 13. Do you recognize that?
11
12
          А
               Yes.
13
          0
               Is it a document that you generated?
14
          А
               Not personally.
               Was it a document that was generated by
15
          Q
     your firm?
16
17
          Α
               Yes, it was a document that was generated
     by people in my employ under my supervision.
18
19
          Q
               Could you identify what this document is?
20
          А
               It is a copy of surveyor's field notes
     from October 18th, 1991, where we measured the
21
22
     height of some stakes or the elevation of some
23
     stakes that were placed at or near the top of the
     Waste Hauling Landfill, fill area number two.
24
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Q Could you please look closely at it and 1 2 tell me if it is a true and accurate copy of the document? 3 Yes, I believe it is. 4 А 5 0 This document regards only area two of 6 the fill? 7 А Yes. 8 Could you, based on this document, tell 0 9 me what the points of vertical elevation are and 10 the mean sea level? We show three points, stakes number one, 11 А 12 two and three, and the elevations are 681.8, 695.1, 13 685.4, respectively. 14 Q How do those numbers compare with the permitted elevation contours? 15 16 А They are higher. 17 Q Can you, for the record, tell me what the 18 date of the document is? 19 А October 18th, 1991. 20 Q Mr. Krimmel, excuse me for my lack of technical expertise, but if you would not mind, 21 22 would you, for the record, explain what the numbers in the first column on the left-hand side indicate? 23 A Could you be specific about the numbers? 24

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Q There are a bunch of numbers listed in
 the column with -- it appears to be degree marks
 and measurements.

A The numbers that you speak about are angles that we measured or recorded from the electronic survey device, and it is part of the process of locating the stakes that we had placed on top of the fill.

9 Did you indicate -- do these degrees and 0 10 measurements indicate which part of the landfill --11 would you be able to -- does that identify any 12 specific area on the landfill, on the map? I am --13 А I have nothing in front of me at this 14 point that tells me where these points were exactly on the landfill. 15

16 Q I guess, just for my own understanding, 17 then, the first set of three numbers there indicate 18 degrees and angles that are used to indicate where 19 stakes have been placed at the landfill?

A When one uses electronic equipment of this type, you start from points -- from a known point, both horizontal and vertically, and you make what we call a back sight on some line that we know the azimuth or the bearing of, and we measure

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angles and distances from those known points and 1 2 known azimuths to determine -- well, it gives you the mathematical data that we need to compute the 3 location of other points. 4 5 Q Okay. 6 Α This was the process that was used in the 7 preparation of this document. 8 MR. DAVIS: Could we have a minute, 9 please. 10 HEARING OFFICER WALLACE: All right. 11 MR. DAVIS: Thank you. 12 (Whereupon a short recess was 13 taken.) HEARING OFFICER WALLACE: Back on the 14 15 record. 16 Please continue. 17 MS. MENOTTI: Thank you. 18 (By Ms. Menotti) Mr. Krimmel, can you Q 19 give me a description of how this survey was 20 generated, what the process was to generate this 21 data? 22 Α The survey crew would have gone into the 23 field and they would have located points that we would have established at an earlier time for other 24

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work. It is typical to place either permanent or
 semi-permanent monuments in and around these
 facilities, from which future surveys, such as this
 one, can be made.

5 It appears, from the document that we are 6 talking about here, that he based his survey on an 7 iron pin, which had an elevation of 600.7 plus or 8 minus, is what I believe it reads. I do not have 9 sufficient data in front of me to tell you where 10 that pin is or where that monument is on the map. 11 Okay. And from the reference point of 0 12 the iron pin, do the surveyors then take 13 measurements from that point?

А 14 It would appear that he used an iron pin and then a top of a protective casing that was 15 16 identified as B24, which was -- I am guessing that 17 that was a temporary or a permanent groundwater monitoring well that we would have installed to 18 19 collect data for preparation of the groundwater 20 monitoring plan. 21 Q And were those points used to gather data

22 to determine the elevation heights at various
23 points?

A Well, in surveyor's terms, we started

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with two points of known location, both 1 horizontally and vertically, and from that we could 2 3 take measurements to then give us mathematical data that we could compute other points, the horizontal 4 5 and vertical location of the other points. 6 Q Okay. 7 А Of other points. Is there any data on this survey that is 8 0 9 indicative of any lateral measurements or the lateral width of the landfill? 10 11 А No, there is not. In summary, and I am not certain if this 12 0 13 is a correct ascertation on my part. This is for clarification. The process of the survey done 14 establishes heights of elevation and was being 15 16 referred to as fill area two at the Waste Hauling 17 Landfill? 18 А Yes. 19 Q Am I incorrect in that ascertation at 20 all? I am asking for accuracy to make sure that it was correctly portrayed -- I am correctly 21 22 portraying this for the Board. 23 HEARING OFFICER WALLACE: Do you understand the question, Mr. Krimmel? 24

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1 THE WITNESS: No. 2 MS. MENOTTI: I am sorry. HEARING OFFICER WALLACE: Try again, Ms. 3 Menotti. 4 5 Q (By Ms. Menotti) I am sorry. Due to my 6 lack of technical expertise regarding surveying, my question is, in the way that we have been talking 7 8 about the surveying and what the results were, in 9 your opinion, is the information that we have been 10 talking about accurate? 11 А To the best of my knowledge it is 12 accurate, yes. 13 MS. MENOTTI: I don't have any further 14 questions regarding this survey document. At this point I would ask that it be 15 16 admitted as People's Exhibit Number 13. 17 HEARING OFFICER WALLACE: Any objection, 18 Mr. Van Ness? MR. VAN NESS: No. 19 20 HEARING OFFICER WALLACE: Mr. Taylor? MR. TAYLOR: No. 21 22 HEARING OFFICER WALLACE: May I see the exhibit, please? 23 24 Mr. Krimmel, what do the numbers to the

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right of the words stake one, stake two, and stake 1 2 three mean? THE WITNESS: I believe that those are 3 coordinates that refer to the coordinate system 4 5 that we established for the project. 6 HEARING OFFICER WALLACE: All right. 7 Thank you. People's Exhibit Number 13 is admitted 8 9 into evidence. 10 (Whereupon said document was 11 admitted into evidence as People's Exhibit 13 as of this 12 13 date.) HEARING OFFICER WALLACE: Do you have 14 further questions of Mr. Krimmel? 15 MS. MENOTTI: At this time that is all I 16 17 have for Mr. Krimmel. 18 HEARING OFFICER WALLACE: When you say 19 "at this time," do you anticipate recalling Mr. 20 Krimmel? MS. MENOTTI: We may need to recall this 21 22 witness for the second portion of this hearing. 23 HEARING OFFICER WALLACE: All right. 24 Cross-examination?

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1	MR. VAN NESS: Yes, just a couple
2	questions.
3	CROSS EXAMINATION
4	BY MR. VAN NESS:
5	Q Mr. Krimmel, for point of reference, I
6	notice that in People's Exhibit 13 you indicated
7	that there were three elevations; is that correct?
8	A We determined, yes, three new elevations.
9	Q Okay. And is it fair to say that none of
10	them reaches 700 feet?
11	A That's correct.
12	Q Okay. So notwithstanding what was in the
13	item number 6 for People's Exhibit 3, as you were
14	referred to by Ms. Menotti, where it stated 700
15	feet plus, you do not have information that
16	indicates that the actual conditions were at 700
17	feet plus?
18	A That is correct. We had no survey data
19	at that point.
20	Q And in point of fact, do you know today,
21	sir, what the elevation, the top elevation of that
22	landfill is?
23	A I do not.
24	MR. VAN NESS: Nothing further.

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1 HEARING OFFICER WALLACE: Mr. Taylor? 2 MR. TAYLOR: Yes, I do have several 3 questions. CROSS EXAMINATION 4 5 BY MR. TAYLOR: 6 Q To follow-up on that same point, while it is fresh in your mind, this survey, which I believe 7 8 has been marked as People's Exhibit 13, that was 9 prepared in 1991? Yes, it is dated October 18th, 1991. 10 А 11 Okay. And Exhibit 3, with reference to 0 the 700 plus elevation -- if you would like to look 12 13 at it --А Yes, I know. 14 That was prepared -- when did you prepare 15 Q 16 that? 17 А The closure, post-closure care plan was revised in March of 1996. I don't recall if that 18 19 particular elevation -- well, I don't recall if 20 that particular elevation was revised at that time or if it was a part of the original April 19, 21 22 1991. I will say I had no survey measurements to show that it was 700. 23 24 Q Okay. But you did write 700?

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А I did write 700, yes, sir. 1 Did you have a reason to believe that you 2 Q 3 needed to increase the estimate to approximately 700 feet? 4 5 А Honestly, I do not recall why I wrote 6 700. Okay. Also, just for purposes of 7 Q 8 clarification, Mr. Wallace asked the question 9 earlier referring to mean sea level. Are all of 10 the elevations that we have been discussing, the 640 permitted height, and the 695 from the survey, 11 all of those represent feet at mean sea level? 12 13 А Feet above --Okay. Feet above. 14 Q 15 А -- mean sea level. 16 0 Okay. I am sorry for speaking over you. 17 Are you familiar with the types of waste received at the landfill, at the Waste Hauling Landfill? 18 19 А Somewhat, yes. 20 Q Can you generally describe it? Mr. Camfield received household waste, 21 Α 22 municipal solid waste, I believe almost exclusively 23 from his own garbage routes that he had in and around the City of Decatur. And he took several 24

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special wastes, permitted special wastes from many 1 2 of the local industries in and around Decatur. To the best of your knowledge, when did 3 0 the landfill cease receiving waste? 4 5 А On the basis of the court order, I 6 believe it was May of 1995. No. 7 Q 1992? I am sorry. Yes, May of 1992. It was on 8 А 9 the basis of the Circuit Court order. I knew it was not in 1995. Is it your 10 0 11 testimony now that they ceased receiving waste, to the best of your knowledge, in May of 1992? 12 13 А Yes. 14 Okay. Have you prepared in the past Q various closure, post-closure care applications or 15 submittals to the Illinois Environmental Protection 16 17 Agency? 18 А For this landfill? Yes, for this landfill. 19 Q Yes. Three, to be exact. 20 Α Three. Do you remember the approximate 21 0 22 dates of those plans? We did one, I believe, in 1988 and one in 23 А 24 1989 and one in 1991.

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1 Okay. Was there an addendum to the 1991 Q 2 application? Yes, there was. 3 А Okay. Was that submitted? 4 Q 5 А Yes, it was. 6 Q Do you know the approximate date of that submittal? 7 March the 21st, 1996. 8 А 9 0 Okay. Have any of those plans for 10 closure, post-closure care been approved, to your 11 knowledge? No, they have not. 12 А 13 Q Would it be accurate to say that there is no approved design for the final cover cap of this 14 15 landfill? А 16 Yes. 17 Q Are you aware of any efforts by Mr. 18 Camfield to install cover material on top of the 19 landfill? MR. VAN NESS: Mr. Hearing Officer, I 20 guess I am going to have to object. I don't see 21 22 that this is within the realm of the direct 23 examination. It seems to be going beyond the range 24 of the direct examination. I understood this

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witness is available for cross at this time. 1 HEARING OFFICER WALLACE: Mr. Taylor? 2 MR. TAYLOR: We did not call Mr. Krimmel 3 as a witness for Bell Sports, because we were aware 4 5 that he was being called by the State and by the 6 Landfill. And it was our understanding that he 7 would be prepared to discuss his knowledge of the 8 landfill and its operations at today's hearing as 9 they relate to the solid waste issues, as opposed 10 to the hazardous waste issues. HEARING OFFICER WALLACE: In the scheme 11 of things I do believe your questions are beyond 12 13 the scope of the People's direct. Let's go off the record a minute. 14 (Discussion off the record.) 15 16 HEARING OFFICER WALLACE: Back on the 17 record. 18 We have had an extensive off-the-record 19 discussion concerning continued questioning of Mr. Krimmel. My ruling is that the questions appear to 20 be beyond the scope of the direct examination and 21 22 would be getting somewhat out of the order that we 23 have established in this case. With that in mind, if you have additional 24

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questions that would be within the scope, I will
 allow those.

MR. TAYLOR: No, I do not. I would just 3 like to further clarify that I think we agreed 4 5 during the off-the-record discussion that I would 6 be able to pursue these lines of appropriate 7 questions during the next proceeding some time in 8 April. 9 HEARING OFFICER WALLACE: Yes. Bell 10 Sports is not foreclosed from questioning Mr. 11 Krimmel at a later point in time, either at our next continued hearing or thereafter when the State 12 13 rests and Waste Hauling presents its case. Ms. Menotti, did you have any redirect? 14 MS. MENOTTI: No, I don't. 15 16 EXAMINATION 17 BY HEARING OFFICER WALLACE: All right. Mr. Krimmel, the iron pin 18 0 19 that you mentioned is a -- do you have a term for 20 that at all? Do you call it any name? 21 А An iron pin is basically probably a half 22 inch concrete rebar 30 to 36 inches long that is driven into the ground at some convenient spot out 23 of the way of traffic, and it is there as a 24

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semi-permanent monument as part of our surveys 1 2 around there. All right. Who puts the pin in? 3 Q The survey crew. 4 Α 5 0 And when do they put it in? 6 А They no doubt put this point in when they 7 did subsequent survey work down out at the site. This is one page out of several within a field 8 9 book. So he was no doubt referring to points --10 0 Well, let me back up, then. The iron 11 pin, you cannot say when it was put into the 12 ground? 13 А Not from the information that I have in front of me. 14 15 Q In the surveying language you call it a monument, then? 16 17 А Yes. 18 0 Now, is there any final report that was 19 made up from these field notes? 20 А I don't recall if I got any written report or not. 21 22 0 On the blueprint map there, the aerial survey, could you briefly describe how that process 23 works to arrive at that survey with the contours? 24

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Basic aerial photography -- are you 1 А familiar with the old -- or maybe not the old --2 3 but the 3-D, 35 millimeter cameras, like a View Master, that takes a view --4 5 0 Ms. Menotti and I have something in 6 common. I am not very technical, either. 7 Do you remember the View Masters we А 8 looked at when we were kids? 9 0 Yes. 10 Α You looked at two pictures and you could 11 see three-dimensions by looking at two pictures. 12 Okay. If you were in an airplane or at some high 13 altitude, if you take two pictures and look at them 14 through a stereoscope, you can then see it in three-dimension. 15 Now, in actuality, when these maps are 16 17 prepared, an airplane with a sophisticated camera will fly over this site at some elevation, 18 19 depending on what scale and what contour interval 20 you want, and it takes a series of overlapping 21 pictures. 22 So in the overlap, you have your two 23 pictures that you can then look at and see it in three-dimension. The negatives are then placed --24

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let me back up just a second. Well, I can go
 ahead.

3 The negatives are then placed in a sophisticated machine that can see this in 4 5 three-dimension, and then has the -- then by taking 6 points of known horizontal and vertical location on 7 the ground, then it can take measurements from 8 these pictures that you look at in stereo, and we 9 call this stereo, this pair of pictures, a model. 10 Now, before they set up the model and 11 after the flight, we do what is called ground control, which we go out and in the vicinity of the 12 13 area that we want mapped, we will locate what we call photo identifiable points. We will get what 14 we call X, Y and Z coordinates, which are the 15 horizontal location and the elevation or the 16 17 vertical location of these points. 18 Given the information from the ground 19 control, they can then establish their photo model, 20 and then the -- I don't recall the name of the 21 machine, but the machine then is able to measure X, 22 Y and Z coordinates from the photographs. And then they go -- then these maps are produced from that, 23

24 and there are several steps in between. But that

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1 is generally how it is done.

2 There is a big drawing board off to the 3 side and an operator looking through a scope and plots the points as they are read. Modern day 4 5 aerial photography is able to do this digitally and 6 the computer will print it and we can enter the 7 information into a computer and it will print it 8 out. 9 HEARING OFFICER WALLACE: All right. 10 Thank you. That was very helpful. 11 Thank you, Mr. Krimmel. We will probably 12 be seeing you again. 13 (The witness left the stand.) 14 HEARING OFFICER WALLACE: Anything further today, Ms. Menotti? 15 MS. MENOTTI: No. At this point the 16 17 State has no more testimony or evidence to present 18 regarding Counts 5 and 6 of the complaint. HEARING OFFICER WALLACE: All right. 19 20 Anything further? 21 MR. VAN NESS: No, nothing further. 22 HEARING OFFICER WALLACE: Mr. Taylor, 23 anything further from Bell Sports today? 24 MR. TAYLOR: I guess not today.

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1 HEARING OFFICER WALLACE: All right. Then we will stand adjourned to April 15th and 2 16th. Mr. Van Ness informed me earlier, and I 3 think he informed everyone else, that he has a 4 5 conflict on the 14th. 6 I am having a bit of a problem with 7 rooms, so I will have to let you know where we will 8 be. 9 MR. DAVIS: We have a large conference 10 room in our building. 11 HEARING OFFICER WALLACE: How large is it? 12 13 MR. DAVIS: It will seat 22 people around 14 the table. It is large enough for us. HEARING OFFICER WALLACE: Is there any 15 objection to that? If I can't find anything, then 16 17 Mr. Davis' offer might be a last resort. 18 MR. DAVIS: The acoustics are good and 19 the chairs are comfortable. 20 HEARING OFFICER WALLACE: For some reason April is not a good month for hearings around here. 21 22 I understand your objection to having the 23 hearing in the Attorney General's office. 24 MR. DAVIS: I don't.

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1 (Laughter.) 2 MR. VAN NESS: As a last resort I guess we have no objection. 3 4 MR. TAYLOR: I assume we will try to find 5 someplace else. HEARING OFFICER WALLACE: I will let 6 7 everyone know as soon as I can. All right. If there be nothing further, 8 9 we stand adjourned. Thank you. (Discussion off the record.) 10 11 HEARING OFFICER WALLACE: Back on the 12 record. 13 I told everyone we were adjourned, but we 14 are not off the record yet. We completed a short discussion on the 15 motion to amend the answer, which I did grant and 16 17 the motion to extend discovery, which I did grant 18 yesterday. I will follow-up with the written 19 Hearing Officer order. With that in mind, the extension on 20 discovery is limited to the Waste Hauling Landfill 21 22 doing very limited discovery in terms of tracking 23 down some lab employees of Westen (spelled phonetically) Lab and, again, limited 24

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interrogatories to Bell Sports concerning the new 1 2 amendment to the answer. MR. LATSHAW: Does that include the 3 request to produce? I would like the documents 4 5 used to answer the questions. 6 HEARING OFFICER WALLACE: I am sorry? 7 The documents they use to --MR. LATSHAW: Well, if they use -- in 8 answering the interrogatories, if they rely on 9 10 documents, I would like to have the copies of the 11 documents that they used to rely upon to answer the 12 questions. 13 MR. TAYLOR: We have no objection. 14 HEARING OFFICER WALLACE: All right. There is no objection. That would be included 15 16 also. 17 Now, is there anything else? 18 MS. MENOTTI: That was it. That was the 19 only outstanding issue, I think, that we had. 20 MR. LATSHAW: What is that? 21 HEARING OFFICER WALLACE: That was the 22 only outstanding issue we had. MR. LATSHAW: Yes. 23 24 HEARING OFFICER WALLACE: Okay. Then we

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1	stand adjourned to April 15th. Thank you.
2	(All hearing exhibits were
3	retained by Hearing Officer
4	Wallace.)
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STATE OF ILLINOIS 1 ) ) SS COUNTY OF MONTGOMERY) 2 CERTIFICATE 3 I, DARLENE M. NIEMEYER, a Notary Public 4 5 in and for the County of Montgomery, State of 6 Illinois, DO HEREBY CERTIFY that the foregoing 122 7 pages comprise a true, complete and correct 8 transcript of the proceedings held on the 4th of 9 March A.D., 1997, at the Illinois State Library, 300 South Second Street, in the Illinois Authors 10 11 Meeting Room, Springfield, Illinois, in the case of The People of the State of Illinois v. Bell Sports, 12 13 Inc. and Waste Hauling Landfill, Inc. and Waste Hauling, Inc. in proceedings held before the 14 Honorable Michael L. Wallace, Hearing Officer, and 15 16 recorded in machine shorthand by me. 17 IN WITNESS WHEREOF I have hereunto set my hand and affixed my Notarial Seal this 12th day of 18 19 March A.D., 1997. 20 21 Notary Public and 22 Certified Shorthand Reporter and Registered Professional Reporter 23 CSR License No. 084-003677 24 My Commission Expires: 03-02-99

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