

PENNSYLVANIA DEPARTMENT OF AGRICULTURE

AMUSEMENT RIDE SAFETY DIVISION

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IN RE: AMUSEMENT RIDE SAFETY ADVISORY BOARD MEETING

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BEFORE: Walter Remmert, Bureau Director
Yvonne Brown, Member
Zaria Urrutia, Member
Joseph Filoromo, Member
Randall Arndt, Member
Stephen Swika, III, Member
James Spang, Jr., PA State Association of
County Fairs
John D. Makrias, Special Advisor
(via phone)
Robert A. DiDomizio, Jr., RAD Engineering
Corporation, (via phone)
Stephen Gorman, Waldameer Park (via phone)
Fred Strathmeyer (via phone)

HEARING: Tuesday, June 11, 2024
10:01 a.m.

Reporter: Jessica Ashman

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LOCATION: Pennsylvania Department of Agriculture
2301 North Cameron Street
Harrisburg, PA 17710

ATTENDEES: Gary Chub

In Person

Dan Wright, Treehouse World

Joseph Salinas, Treehouse World

Heather Baxter, Cozy Rest

Jay Crisler, Zamperla

David Riggs, Interactive Play

Leonard Adams, PA Department of
Agriculture Quality Assurance Inspector

Cherie Moy, Aqua Climb

Alex Salzman, Poolside Adventures

Russell Moy, Poolside Adventures

Justin Jones, Cozy Rest

Eve Adrian, PA Department of Agriculture

Present via Telephone

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OPENING REMARKS

By Walter Remmert

CERTIFICATE

E X H I B I T S

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NONE OFFERED

P R O C E E D I N G S

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2 -----
3 CHAIR: All right.

4 Good morning. The first thing I'd
5 like to address is to let folks online know who's
6 present in the room with us today at the Department
7 of Agriculture, at the appointed place, the appointed
8 time. I'm going to look to my right and see if this
9 was appropriately sunshined and advertised.

10 MEMBER: Yes.

11 CHAIR: And as we've given the
12 affirmation that it has been, so this is the
13 appointment place and the appointed time for the
14 Amusement Ride Safety Advisory Board Meeting. And I
15 want to take membership roll. In the room today with
16 me from the Advisory Board is Mr. James Spang, Mr.
17 Stephen Swika. I am present, representing the
18 Department on behalf of the Chair, Secretary Russell
19 Redding. I believe we'll see Fred Strathmeyer coming
20 here after his 10 o'clock commitment as soon as he
21 can.

22 I have recognized our Professional
23 Engineer on the board, Mr. Robert A. DiDomizio, Jr.,
24 is present. Any other members of the board joining
25 us online, please unmute yourself and identify

1 yourself.

2 We're checking our microphones.
3 Lenny, can you hear me this time? Lenny, can you
4 hear me?

5 MR. ADAMS: Yes, sir.

6 ---

7 (WHEREUPON, AN OFF RECORD DISCUSSION WAS HELD.)

8 ---

9 CHAIR: We're going to go back on the
10 record. For those of you who may not have heard when
11 our mics dropped out on our ends, I'm Walt Remmert.
12 I am here in person at the appointed place, the
13 appointed time. We have approved the sunshine
14 notice. I have acknowledgement that it was posted,
15 advertised properly and we were taking a ballot of
16 members in attendance.

17 In person, Mr. James Spang, Mr. Swika.
18 Online I heard Mr. DiDomizio. Actually, I saw him,
19 not heard him. And I believe I heard Mr. Steve
20 Gorman. Both of those gentlemen are in attendance.
21 Please identify yourself and any other board members
22 who are in attendance by phone or video conference.
23 Thank you.

24 MR. GORMAN: This is Steve Gorman, if
25 you can hear me.

1 CHAIR: I can hear you, Steve.

2 MR. GORMAN: I will stay on mute.

3 CHAIR: Thank you. I saw a hand from
4 Mr. DiDomizio.

5 MR. SPANG: James Spang. Can you hear
6 me?

7 CHAIR: Excellent. We can hear you.
8 Can you hear us?

9 MR. SPANG: Yes, indeed.

10 CHAIR: All right.

11 MR. SPANG: Hello, everybody.

12 CHAIR: We're off to the races, so to
13 speak. I believe Mr. Makrias might be online with
14 us. Are you here with us also, sir?

15 MR. MAKRIAS: Yes, I'm here as well.
16 I can hear you guys.

17 CHAIR: Are there any other board
18 members in attendance? Thank you all. We will take
19 an attendance of those online here in just a few
20 moments. A couple of housekeeping rules. When you
21 speak, if you could identify yourself with your first
22 name and spell your last name for our stenographer
23 and let us know who you are with, we will take roll
24 of who's here for what rides, and it will help us
25 move through our agenda quickly.

1 So at this point, in no particular
2 order, if you would come off of mute, identify
3 yourself by first name and spelling your last name
4 and providing us who you're here representing.
5 Ready? Go.

6 MR. WRIGHT: Hello. My name is Dan
7 Wright, W-R-I-G-H-T. I'm here representing Treehouse
8 World.

9 MR. SALINAS: Hi. This is Joe
10 Salinas, S-A-L-I-N-A-S, also with Treehouse World.

11 MS. BAXTER: Heather Baxter, B-A-X-T-
12 E-R. We're representing Cozy Rest.

13 MR. CRISLER: Jay Crisler, C-R-I-S-L-
14 E-R, representing Zamperla.

15 MR. RIGGS: David Riggs, R-I-G-G-S,
16 representing Interactive Play.

17 MR. ADAMS: Leonard Adams, A-D-A-M-S,
18 Pennsylvania Department of Agriculture, QA inspector.

19 COURT REPORTER: I can't hear who he's
20 from. I'm sorry.

21 MS. MOY: Cherie Moy, representing -
22 MOY, representing Poolside Adventures, the makers of
23 Aqua Climb.

24 MR. SALZMAN: Alex Salzman, S-A-L-Z-M-
25 A-N, also representing Poolside Adventures and the

1 Aqua Climb.

2 MR. MOY: Russell Moy, M-O-Y,
3 representing Poolside Adventures.

4 MR. JONES: Justin Jones, J-O-N-E-S,
5 representing Cozy Rest.

6 MS. ADRIAN: This is Eve Adrian, A-D-
7 R-I-A-N. I'm with Pennsylvania Department of
8 Agriculture.

9 CHAIR: Thank you, everyone. I
10 appreciate your time and your patience with us as we
11 get this meeting going. It gets much faster on the
12 back end, once we overcome our technical hurdles. An
13 agenda should have been sent to you and we did update
14 the meeting invite with an agenda attached to it. If
15 you don't have an agenda and would like one, we can
16 post one for you, but I will follow it and let you
17 know how the order of events off of the agenda goes.

18 We have five items to discuss and
19 whatever - in addition to whatever board members want
20 to bring up on today's discussion. I remind folks
21 that this is a working meeting, so we allow observers
22 to listen in, but they don't participate unless
23 they're invited to participate. You folks online who
24 are not board members have been asked to participate
25 and you will provide that opportunity at the time

1 when we will be doing your particular submission.

2 Questions are always allowed and
3 appreciated. Again, when you speak, if you would
4 just identify yourself again by first and last name
5 and who you're with, it will help the stenographer
6 keep the comments in order for those not present
7 here. So one at a time and as we go. So I'll move
8 down our agenda.

9 We already hit the call to order. We
10 do have enough members for a quorum, so we can ask
11 for consideration on each item rather than
12 informational at this point. I will ask to move on
13 to the approval of the March 31st, 2024 meeting
14 minutes. Board members should have received them and
15 been given an opportunity for corrections or
16 clarifications. At this point, is there any
17 discussion concerning the March 31st, 2024 meeting
18 minutes? For those of you wondering, I'm counting to
19 ten. Hearing no discussion, is there a motion for
20 the minutes?

21 MR. SWIKA: I'll make a motion.

22 CHAIR: Would you turn the microphone
23 on and speak into it? So push the button, make sure
24 it's green and get it done and turn it off.

25 MR. SWIKA: I'll make a motion to

1 accept the minutes.

2 CHAIR: Thank you, Mr. Swika. Is
3 there a second?

4 MR. SPANG: And I'll second it.

5 CHAIR: Thank you, Mr. Spang. We have
6 a motion to accept the minutes and a second. Having
7 not heard any discussion, all those in favor of
8 accepting the minutes as provided, please respond
9 with an aye.

10 ---

11 (WHEREUPON, THE AYES RESPOND.)

12 ---

13 CHAIR: Any opposed with a nay. Thank
14 you.

15 Moving on to Chairman's remarks, I'll
16 reserve that for when Fred, Deputy Strathmeyer, is
17 able to arrive. I'll move to the Director's report
18 and remarks. We want to remind folks that we have
19 two additional upcoming meetings scheduled for this
20 year. Should be on your calendars, September 12th and
21 December 10th. Always here or online, meaning at the
22 Department of Agriculture, Room 309, where we are
23 today, starting at 10:00 a.m. We do schedule you all
24 day, so you get a reminder early enough to travel.
25 The meeting always starts at 10:00-ish. So just like

1 today, we hope to meet, attend, or depending on how
2 well or poorly you do with our technology.

3 I do want to offer an opportunity for
4 those in attendance and those online with us in
5 attendance to recognize the significance of a career
6 that was devoted to us by one of our members who
7 recently passed, Mr. William Hall, a charter member
8 of the Advisory Board, a stalwart, staunch gentleman.

9 Just an extremely magnificent human being. And we
10 recognize in the fullness of his life that he's left
11 a big hole on the Advisory Board and I can only
12 imagine on those that have known him and loved him.
13 So I would like to offer a moment of silence for the
14 passing of our board member hall, Mr. Hall. And then
15 if board members or anybody have any comments for the
16 record concerning Mr. Hall, that opportunity. So
17 please observe a moment of silence for Mr. Hall's
18 passing.

19 ---

20 (WHEREUPON, A MOMENT OF SILENCE IS HELD.)

21 ---

22 CHAIR: Thank you. Any comments for
23 the record from any board members. Not expected, but
24 if anybody wishes to say anything about Mr. Hall, now
25 is the time. Thank you, everyone.

1 We have no old business remaining on
2 our agenda that needs to be addressed here in this
3 forum today, so we'll move on to new business. And I
4 see that we have representatives here from all, so I
5 will take them in the order that they appear on the
6 agenda. So first up, Adventure Solutions. It is the
7 Ninja Warrior. So give us a moment to get our
8 technology up.

9 CHAIR: Do we have representatives
10 online from Adventure Solutions that would like to
11 describe their submission?

12 AUDIENCE MEMBER: So this is an event
13 for Adventure Solutions. It's the typical Ninja
14 Warrior course. Looking through, one of the items
15 we're missing, as I mentioned here, but we'll deal
16 with that and move forward.

17 BOARD MEMBER: So we're going to move
18 past this one while we move to the outdoor one that
19 has the actual continuous play. So there's another
20 one. There's the outdoor version with continuous
21 play. So we're going to move to Interactive Play.
22 ABC fiberglass play structure.

23 CHAIR: No, we're just going to go -
24 we're going to go to Interactive Play, by PPC
25 fiberglass. Do we have a representative online for

1 Interactive Play?

2 MR. RIGGS: Yeah, this is David Riggs.

3 CHAIR: That's Mr. Riggs. Would you
4 please describe the submission for us today?

5 MR. RIGGS: Yeah. It's an interactive
6 place structure, water play structure. So it's a
7 multilevel structure designed for interactivity with
8 kids and patrons. So multiple interactive water
9 element with them shooting water everywhere, dumping
10 water and also with multiple slides.

11 BOARD MEMBER: We've seen this.

12 CHAIR: Leonard, do you want to - you
13 were the one to take the onsite review of it. Would
14 you give us a little background, please?

15 MR. ADAMS: So I started going in last
16 year. We worked closely with the operators here for
17 - we know if we need it, and it matched the blueprint
18 that was provided to us. It has a shallow pool in
19 there. I didn't see any deficiencies. I believe
20 it's well built. I believe it meets all the
21 standards required.

22 BOARD MEMBER: What about lifeguards,
23 Leonard?

24 MR. ADAMS: I know the facility does
25 have lifeguards present because they have a swimming

1 pool right next to it. I don't know if they have a
2 dedicated lifeguard. That would be something I would
3 have to - check the facility.

4 BOARD MEMBER: Yeah. We recommend one
5 attendant at the top of the slide, and typically they
6 have a lifeguard or attendant floater that manages
7 the quick structure pool and the larger pool.

8 MR. ADAMS: The submission - okay.
9 The submission does mention, obey the commands of the
10 lifeguards, that if a drowning, as may occur, you're
11 required to have lifeguards. We need to make that
12 clear, that there will be a certified lifeguard at
13 the site. That is all.

14 MS. BAXTER: This is Heather Baxter
15 with WET Engineering. We did the engineering design
16 for the pool. The max depth is six inches, and they
17 do employ both certified and floating lifeguards at
18 the resort.

19 MR. ADAMS: Minimum requirement will be
20 shallow water.

21 CHAIR: Mr. DiDomizio, please. Mr.
22 DiDomizio?

23 MR. DIDOMIZIO: Question first
24 regarding lifeguards in attendance. Now, you said
25 attendants are going to be at the top of the slide.

1 So am I looking at three slides?

2 MR. RIGGS: The attendant, there's
3 three sets of slides with two larger slides and then
4 there's one small slide. They require - the
5 attendant will be at the top of the large slide and
6 basically making sure the runoff is clear before any
7 discharge. The small slides, we typically don't
8 recommend an attendant there just because they're so
9 small and you can easily see someone in front of you
10 before you go down the slide.

11 MR. DIDOMIZIO: So that would be
12 stopping them from going down one at a time?

13 MR. RIGGS: No, we can - yeah, the
14 smaller slides, we typically don't recommend it, but
15 I mean, some states we have had to check the small
16 slides. It will depend on the state requirement.

17 MR. DIDOMIZIO: Well, right now we're
18 talking about Pennsylvania.

19 Right?

20 MR. RIGGS: Yes.

21 MR. DIDOMIZIO: So how many attendants
22 will be at the top of the ride and how many
23 lifeguards will be at the bottom and where will they
24 be? So we recommend the one attendant at the top of
25 the big slide to make sure the big slides are clear

1 before they went down. And then there's typically a
2 floater that will manage the pool. That's the
3 minimum requirement that we recommend.

4 MR. DIDOMIZIO: So again, you said the
5 attendant on the top of the slide or plural, slides.
6 Are -?

7 MR. RIGGS: That's a two-part
8 question. Sorry.

9 MR. DIDOMIZIO: Two-by-five and a
10 large counter that the attendant will be facing.

11 MR. DIDOMIZIO: So one - so you got
12 one attendant on the ride and one at the bottom?

13 MR. RIGGS: Yeah. There's one
14 attendant at the bottom that manages the pool area.

15 MR. DIDOMIZIO: So one attendant is
16 going to take care of all - this ride?

17 MR. RIGGS: There's two large slides
18 and then one kiddies slide. This has two small
19 kiddie slides.

20 MR. DIDOMIZIO: Because, like, it
21 looks like what appears to be like a bar, something
22 across the - you know, the entrance to the slide, if
23 I'm looking at the right picture, on page six.

24 MR. RIGGS: Yeah, there's a railing at
25 the entrance to the slide.

1 MR. DIDOMIZIO: So they can go under
2 it, but nobody -

3 MR. RIGGS: Yeah.

4 MR. DIDOMIZIO: - nobody's watching
5 the kiddie slides?

6 MR. RIGGS: No. At this point,
7 there's no attendant - or we don't require an
8 attendant at the kiddie slides. The kiddie slides
9 are four foot vertical slides, so if the - we do not
10 recommend attendants there. The large slide -.

11 MR. DIDOMIZIO: Naturally behave, is
12 that your thoughts?

13 BOARD MEMBER: I think we're a little
14 - or a little context, this play structure is at a
15 campground facility that also requires that parent,
16 you know, they have - live at this park as well, I
17 think the assumption being that the kind of play
18 stuff like this, the parents are also heavily
19 involved.

20 BOARD MEMBER: You know that's just a
21 supposition. It doesn't really say that in any
22 warning placards or anything that says must be
23 accompanied by adult. Is that - on your application
24 you show no age restrictions? And you have height,
25 but you know, having grandchildren of my own that are

1 hired for 42, the last thing you do is listen to your
2 instructions, especially if they were not given by
3 the parents. So I don't know what's going to keep
4 them safe other than just - you know, bobbing that
5 section. And the one attendant, all the way up to
6 the proper tower, how can you tell us we watch
7 everything that's going on?

8 MR. RIGGS: Yeah, I think we would be
9 helped by the pool attendant with capture to manage
10 the small slide and then just keeping everyone, you
11 know, from climbing or running around, that would be
12 the pool attendant.

13 MR. DIDOMIZIO: All right. So the one
14 word you muss is going to be - and I'd like to see
15 somewhere where there's going to be permanent
16 attendance. And in the forensic work I do, I've seen
17 this happen where there's no attendant where they're
18 supposed to be. You can recommend it, but now I'm
19 questioning, you know, where should that person be?
20 I agree that there should be one at the bottom of the
21 kiddie slide, better placed at the top, if they can
22 manage it.

23 The person at the top of the big size,
24 okay, one person could watch both of them. Now, but
25 there's - so your application said there's no age

1 restriction. It does say 42-inch height. And I know
2 age restriction is something that's hard to imagine,
3 but if I look at other amusement rides, they do put
4 an age restriction on when it has to be accompanied
5 by an adult. So is this the case where it would be -
6 even if you're going down the big slide and there's
7 no age restriction, then it should have some kind of
8 signage that says must be attended with an adult.

9 MR. RIGGS: Yeah. So the height is
10 based on how we - the height restriction - I mean, if
11 you're - as long as they're 42 inches tall, then you
12 are able to go on the slides.

13 MR. DIDOMIZIO: Unattended?

14 MR. RIGGS: Well, there's an attendant
15 on - for manning the large slides and then the
16 attendant for the small slides would be in the pool.

17
18 MR. DIDOMIZIO: It says all children
19 under the age of six must be supervised by an adult,
20 but it doesn't say on your application. You're
21 right, a brittle standard, it doesn't mention
22 anything about any age restriction, but your
23 operation and maintenance manual does. Now, the
24 general public's not going to see that.

25 MR. RIGGS: So they're getting -.

1 MR. DIDOMIZIO: So they're getting
2 eight - it says signage, but -.

3 MR. RIGGS: Yeah, there's signage that
4 lists all the slide rules at each of the slides that
5 would give you the guidelines for the height.
6 There's a weight limit, too, and that would be listed
7 at the entrance, clearly listed at the entrance to
8 each slide. I think right now it's attached to the
9 railings right by the slides.

10 MR. DIDOMIZIO: Is there a picture
11 what those placards look like in your application?

12 MR. RIGGS: No. We actually took a
13 picture after those were installed. They are in the
14 manual, the guide - or the signage requirements. And
15 I do believe that there was permanent signs being
16 manufactured. We just quickly made some metal ones,
17 but we're making some fiberglass ones that will be
18 sent to the park and attached permanently.

19 MR. DIDOMIZIO: So the appendix here
20 for signage, Appendix D, am I seeing an Appendix D?
21 Help me out here.

22 MR. RIGGS: Yeah, it should be. I'm
23 looking at it, too. I can tell you what page it is.
24 So it's page 140 - 139 it starts. I think you're
25 looking at our manual.

1 MR. DIDOMIZIO: Yeah, I'm looking at
2 the Interactive Play Manual.

3 MR. RIGGS: Yeah. So page 139 out of
4 187 is where the signage recommendations start. And
5 the slide entry area signs, which is on page 141.

6 MR. DIDOMIZIO: Okay.

7 Look, how does that translate to the
8 pages in the PDF?

9 MR. RIGGS: Not sure which -.

10 MR. DIDOMIZIO: Trying to find -
11 there's a bunch of information. You have
12 manufacturer, LG - LVM.

13 MR. RIGGS: Yeah, it's after the -
14 yeah, that's in - it's the max tonnage right after
15 that.

16 MR. DIDOMIZIO: So it says suggested
17 signage. All signs for play structure and size, for
18 local guidelines and codes. You see, this is where
19 it has to be more than just assumed. So we're just -
20 you're going to assume that the operator of the -
21 whoever owns this ride has to do this - has to supply
22 these signs? They're not going to come with the
23 ride? You got six different signage here that
24 suggested. They need to require more than just
25 suggestions.

1 MR. RIGGS: Yeah. Specifically with
2 the Yogi Bear Campground, they have a franchise sign
3 that they use that has all these requirements on it
4 with - in their - you know, in their colors and their
5 logo and everything. And that's what they use in
6 these parks.

7 MR. DIDOMIZIO: they do not tell them
8 what to put on it?

9 MR. RIGGS: No, that's what they put
10 on it. They copy that. But I can get a picture of -
11 like I said, we put in some ones that we had made
12 temporarily and we have the permanent one. I don't
13 know - Justin, you might know if they're installed
14 yet. But when the permanent ones are installed, I
15 can get some pictures of those.

16 CHAIR: If I may intervene for a
17 moment, Mr. DiDomizio? Thank you.

18 MR. DIDOMIZIO: Please.

19 CHAIR: An excellent set of
20 discussion. I'm not interrupting because it's
21 absolutely valid. I will offer this for Mr.
22 DiDomizio and for the manufacturer. So the
23 manufacturer suggests to owner operator that it would
24 be good for them to have this. We as a regulator
25 mandate what they're required to have. And we would

1 identify the required signage by adding that to the
2 approval as part of the additional requirements and
3 restrictions.

4 Lenny, you were out at that location.
5 Do they have signage available yet for that, that you
6 recall/

7 MR. ADAMS: They did have - when I was
8 there, they did have a bunch of the general signage
9 in with rules relating to the park. I did not
10 compare apples to apples, what's in the owner's
11 manual to what was on the sign, but it was a general
12 basic requirement sign as PA requires.

13 CHAIR: So to agree with Mr.
14 DiDomizio, the suggested versus actual, we at the
15 Department, when we go out to review these in
16 operation, look for signage that clearly describes
17 who's allowed to be on this. As Mr. Filoromo has
18 related to you earlier, that we always require an
19 attendant at the top and a life-saving person at the
20 bottom for where they come off of the slides into the
21 pool. Typically, the four-foot slides are not
22 something we would manage with a top or bottom
23 attended alone. That can be viewed by the general
24 pool lifeguard as part of the process and utilize the
25 whistle and the verbal skills if there's people bum

1 rushing the dual purpose four-foot slides. We've
2 seen that in a lot of places that have allowed that
3 general pool operation to exist with the proviso that
4 they have an attendant at the top of the big slides,
5 or if there's multiple entrances to the big slides,
6 one at the top of each local entrance, if they're not
7 on top of each other or next to each other, along
8 with somebody at the bottom for when they're clear.
9 So I think we're all circling around what we have
10 expected. What will satisfy you, Mr. DiDomizio, that
11 they will meet the requirements, because that's what
12 we'll be looking for and offering as an approval.

13 MR. DIDOMIZIO: Mr. Remmert, I agree
14 100 percent. That's what I was looking for, was some
15 agreement that there needs to be some additional
16 information. So the planning crews have not been
17 enough. You're making that clear to me. And I'm
18 perfectly happy knowing that you guys will be on top
19 of it.

20 I'm going to offer one more thing.
21 There's two sets of electrical drawings in here, one
22 for 240 - 230 volts and one for 480. Pick one.
23 Which one goes with the application?

24 MR. RIGGS: Is that a reference to the
25 compressors or the pumps?

1 MR. DIDOMIZIO: Control panels. The
2 control panels the stems from -.

3 MR. RIGGS: The control - the
4 compressor is three phase. That - I'm not sure if
5 it's 480 or 230, but it's three phase.

6 MR. DIDOMIZIO: Well, no, that's not
7 the question. The question is, are there are two
8 sets of documents here, one based 230 - 230 volt and
9 the other one is 460 volt. You got to choose. It
10 can't be both.

11 MR. RIGGS: Yeah, the compressor, it
12 can be wired either way, so that's why they have -
13 they show both in their manual. That's what we have
14 to - in this case, we had a two phase, so I believe
15 it is three phase, 480 volt.

16 MS. ADRIAN: Yeah, it's 480, Dave.
17 It's 480. The pumps were all spec, 480 as well.

18 MR. DIDOMIZIO: Okay.

19 So the incoming power that shows on
20 the first page of schematics, so you're using the one
21 that's for 480?

22 MR. RIGGS: Correct.

23 MR. DIDOMIZIO: So we could pull the
24 other ones out that are not - don't apply to - that
25 do not apply to a 460 volt system.

1 CHAIR: We're taking notes right now,
2 Mr. DiDomizio, so we'll -.

3 MR. DIDOMIZIO: There's some errata in
4 here, so take a close look at that, because if you're
5 going to say the 460 is fine, but then it also makes
6 reference to incoming supplies to 230. So things
7 like this are bound to come back to bite you if you
8 don't pay attention to them. But that concludes my
9 advice.

CHAIR: Thank you, Mr.
10 DiDomizio. Mr. Filoromo has some comments.

11 MR. FILOROMO: Okay.

12 A couple things here. One - three
13 things. One, Pennsylvania has a Rider Responsibility
14 Act that requires you to have signage regarding that.
15 And you should have - you definitely need to have the
16 Rider Responsibility signage to back up the other
17 signage you're talking about. That kind of - it kind
18 of stresses the point and makes it clear that failure
19 to follow those rules results in liability of the
20 rider, not the owner.

21 Grounding. I'm assuming you've
22 already complied with the Pennsylvania requirement of
23 the grounding grid system testing. That goes, I
24 think, through Labor & Industry, if I'm not mistaken.

25 And then the other question is, this

1 is a campground. How is this secured after hours?

2 MR. JONES: Okay.

3 They're securing a property, part of a
4 larger pool complex that has - is shut down, I
5 believe, at 8:00 p.m. It's stacked up basically.
6 It's no nighttime swimming. So game five defense
7 line is another standard swimming pool. And then
8 this feature, and it's secured I believe by a 54-inch
9 fence. I'm sorry, a five-foot-high fence around the
10 perimeter.

11 MR. FILOROMO: Okay. Good.

12 If you need more information about the
13 Rider Responsibility Act, you can email me. Thank
14 you.

15 MR. ADAMS: This is Leonard Adams.
16 Joe, I already provided them a copy of the Rider
17 Responsibility Act post. And it is a self-locking
18 gate on the water complex. I did check that while I
19 was there.

20 CHAIR: All right. Thank you all.
21 Are there any other comments from board members at
22 this time?

23 MR. SPANG: I see the lifeguard
24 situation and their certified under - that cross
25 standards. The attendants that are at the top of the

1 ramp or the slides, are they at least given hearts
2 saver training so they could assist in the event of
3 an emergency?

4 MR. RIGGS: That would be the
5 discretion of the owner. A lot of them do have
6 general life - what do you call it, CPR training. I
7 don't know whether this installation will or not. I
8 would imagine if you have someone on site and an
9 alert existed to communicate if needed.

10 MR. SPANG: I say that as a friendly
11 suggestion because, in the event of an emergency,
12 signs step back trained guard with somebody who knows
13 how to operate lifesaving equipment. Thank you.

14 CHAIR: Thank you, Mr. Spang. As we
15 rely on board members for their experience and
16 expertise, Joe will again remind us that our law
17 stops at one point where it expects first aid
18 requirements or certain requirements for lifesaving.

19 And then this is in addition to, always appreciate
20 extra, right, on the behalf of your riding public.
21 So we describe minimum requirements, not maximum
22 requirements.

23 Having no other comments from board
24 members, Joe?

25 MR. FILOROMO: But we do - it's about

1 time for you to send a notice out, but we do
2 recommend all ride owners to add to their operative
3 training so that they can recognize someone in any
4 kind of distress and go to call EMTs when necessary.

5 Those moments are the important thing when
6 somebody's having a stroke or heart attack or any
7 other kind of injury. So we do try to point it in
8 that direction.

9 CHAIR: Thank you, Joe. Having heard
10 the discussion and understanding that we do require
11 specific signage and requirements at the location,
12 the operator's manual be updated to the actual
13 location requirements to include attendants and
14 lifeguards, is there any board member with a
15 recommendation concerning this submission? Having
16 heard nothing from board members, I will offer it.
17 Based on the discussion, I make a motion that we
18 recommend approval of this submission with the caveat
19 that we describe under the restriction of the
20 approval of the signage of attendant requirements for
21 the specific motion. Is there a second for discussion
22 on that motion?

23 MR. GORMAN: This is Steve Gorman, and
24 I will make a - I will second that motion.

25 CHAIR: Thank you. Mr. Gorman. Is

1 there any further discussion now that there's a
2 second? Hearing none, I ask for the vote.

3 MR. DIDOMIZIO: Mr. Chairman?

4 CHAIR: Yes. Go ahead, Mr. Di -.

5 MR. DIDOMIZIO: Sorry, Mr. Chairman. I
6 had my hand raised. Sorry. I just wanted to ask to
7 amend that because Bill brought up some points that
8 weren't included there, like the grounding and the
9 address security and such. So there were those
10 issues other than just signage, like electrical
11 drawings and that stuff. If you can just - I would
12 ask respectfully that you amend your motion to
13 include all the things that we discussed, that it be
14 included in the application.

15 CHAIR: All right.

16 So since we are having a discussion
17 based on the motion of the seconds, I would ask -
18 maybe I misheard what the discussion was, but my
19 understanding is Mr. Filoromo asked some additional
20 questions and the Applicant said they are already in
21 compliance with those additional requirements. So
22 the fencing is already there. They're already
23 familiar with the Riders Responsibility. We're going
24 to ensure that proper signage and attendants are part
25 of the conditions of the approval. So I'm not sure

1 what else I need to amend to my motion since they
2 already affirmed that that requirement is met. So
3 what amendment would you propose, Mr. DiDomizio?

4 MR. DIDOMIZIO: Well, this is -
5 regarding the electricals, first of all, I'd ask that
6 the 230 - the lower voltage version be taken out.
7 And as Joe mentioned the background, and you kind of
8 skipped over it, but I'm assuming that, because he
9 brought it up, that they're going to be looking at
10 that so I can point it out to him or just, you know,
11 trust, you know, you guys know what you're doing in
12 that respect. But it's not covered in the motion.
13 That's all I was concerned about.

14 CHAIR: Okay.

15 No, I just wanted to be clear what you
16 were looking for. So Steve, I'm going to ask you to
17 retract your second while I modify a motion. So
18 based on the discussion here today at the board, I
19 make a motion that we move to recommend approval of
20 this with the caveats of the items by Mr. Filoromo,
21 which is security, signage. Mr. DiDomizio's vital
22 questioning concerning clarification of electrical
23 requirements for the ride and to update the
24 application with the items discussed today that our
25 records are completely accurate once this is

1 approved. Does that suffice, Mr. DiDomizio?

2 MR. DIDOMIZIO: Perfectly. Thank you.

3 CHAIR: Absolutely. Is there a
4 discussion or a second for the modified motion?

5 BOARD MEMBER: I would like to second
6 that motion.

7 CHAIR: Okay.

8 Is there any further discussion?

9 Excellent. All those in favor of the motion, please
10 state by saying aye.

11 ---

12 (WHEREUPON, THE AYES RESPOND.)

13 ---

14 CHAIR: Any opposed with a nay. Thank
15 you.

16 Those representing Interactive Play,
17 we'll correspond with you over the next couple of
18 days, let you know whatever housekeeping documents we
19 need. As far as we're concerned, minus the
20 housekeeping items, this will move quickly. Are
21 there any questions for the submitter?

22 MS. MOY: No, we're good. Thank you.

23 CHAIR: And thank you for being in
24 attendance today. You are more than welcome to stay,
25 but you don't have to.

1 Mr. DiDomizio, is your hand still up
2 or -?

3 MR. DIDOMIZIO: Yes, it is, Mr.
4 Chairman. I just want to make sure that the first
5 one - item was the Adventure Solution. We didn't
6 stop there to do anything about it, I guess because
7 nobody was there to introduce the ride or what? I
8 had questions on that. So I just want to know if
9 you're going to circle back to that one.

10 CHAIR: I am. We're going to circle
11 back to that.

12 MR. DIDOMIZIO: Very good. Thank you.

13 CHAIR: All right.

14 We're going to move on to the agenda.
15 Poolside Adventures, Aqua Climb. Somebody from Aqua
16 Climb want to summarize, to describe the submission
17 for us?

18 MS. MOY: Alex, are you on?

19 MS. SALZMAN: Yes. Alex Salzman,
20 representing Poolside Adventures. We are submitting
21 our five Aqua Climb poolside climbing wall. This is
22 basically a steel structure on the side of a pool
23 with a series of polycarbonate paneling and polymer
24 handholds for patrons to climb up the wall, trying to
25 reach the top and then plunging back into the water.

1 CHAIR: Leonard, I understand you've
2 seen this in person. Do you want to give us a quick
3 update of what, where, and when?

4 MR. ADAMS: All right.

5 So this is also in my region. This is
6 at a resort. There is a top section of the device
7 that does not allow the patron to climb over. We did
8 require them to put castle nuts on the lower part of
9 the device on the backside where the general public
10 could have access to. And there is a lifeguard
11 station directly across, which is less than probably
12 20 foot away from the wall. And they also have a
13 large presence of lifeguards in this main swimming
14 area. And that lifeguard across is responsible for
15 keeping people out from the fall zone. And the water
16 is quite deep right there to take the falling person.

17 CHAIR: Thank you, Leonard. Questions
18 from board members concerning this submission.

19 BOARD MEMBER: Hey, Leonard, I look at
20 this thing, can you more than one person go up at a
21 time?

22 MR. ADAMS: From what I understand,
23 operations is only up to two people, one on each
24 side. It's quite wide. I think it's over six foot
25 wide.

1 BOARD MEMBER: Seems to me it'd be
2 smart not to have a lane in the middle then to keep
3 the people separated. You know, if you're going side
4 by side, people tumbling down together, seems like
5 they're a head-knocker to me. That's my concern.

6 MS. MOY: We recommend one climber for
7 one section or two sections wide. They're meter
8 panels. And then they have to have at least three
9 panels wide to allow two climbers or they have to be
10 too wall separated. And for a five meter high, you
11 have to have six feet on either side of the structure
12 for the drop zone, for clearance.

13 CHAIR: All right. Thank you. That
14 kind of answers my question, because these people,
15 not paying attention, they run up there side by side,
16 they go sliding off. Again, you have two heads
17 knocking together and got two guys sloping water.
18 But if it's controlled like you say, then I'm
19 satisfied. Thank you.

20 MS. MOY: Sure. And we also supply
21 safety signs that describe and instruct the
22 limitations too.

23 CHAIR: Hi. This is Walt Remmert. I
24 have a clarifying question. Is the fall zone
25 cordoned off somehow visually so the supervising

1 lifeguard can keep people out of the fall zone around
2 the bottom or do climbers enter into the area?

3 That's typically the way I've seen climbing walls, is
4 there's ropes that people have to access to get into
5 the area where they can climb. And then they have to
6 leave that exclusion area before new swimmers can go
7 and traverse the wall. Is that something that you
8 offer or recommend or is that not required?

9 MS. MOY: It depends on the facility.
10 For instance, we have some facilities that just
11 dedicate the wall. If they have it in a diving well,
12 that they replace the diving board. And then we've
13 had some roped off. It just depends on the facility.
14 I mean, I think it is a good recommendation if it's
15 not a dedicated area. And I hope that answers the
16 question.

17 CHAIR: I guess we would have to
18 describe based on its use at the particular location
19 and how they plan on to operate at that location. I
20 didn't know how you kept the bottom clear without
21 somebody paying attention and folks are climbing.
22 Again, I guess it depends on where it is, how it's
23 being used.

24 Any other discussion? Steve, go
25 ahead.

1 MR. GORMAN: This is Steve Gorman.
2 And I was kind of on the same question you had, Walt.
3 Do you have a definition of how far from the pool
4 side wall so someone can't potentially fall and land
5 on the edge of the pool?

6 MS. MOY: Yes. It has to be - for a
7 five high, it has to be six feet.

8 MR. GORMAN: Okay.

9 I'm sorry. You said that. I
10 apologize. So that thing goes like if you have a
11 rope - if you have a rope - if you have a floating
12 rope to cordon it off, then you meet that rule as
13 well.

14 Right?

15 MS. MOY: Correct. And we have
16 documentation that shows the distance with the drop
17 zone and the plummet lines from the wall and such.

18 MR. GORMAN: My other question is to
19 Walt or the Department, are people paying to do this
20 individually? Why are we even - why is this even
21 coming to our attention?

22 CHAIR: Are you asking why the
23 submission's before us to review?

24 MR. GORMAN: Yeah. I'm sorry. That's
25 what I'm asking. Yeah, that's what I'm asking. You

1 could just say it is, that's fine. It's at a country
2 club, and I just wondered, you know, if they have a
3 basketball game, can we get regulated - I don't know.

4 CHAIR: No, we were sidebarring the
5 show. I apologize, Steve. Let's offer this as, yes,
6 we do, because we have. And to exclude this, but
7 through the others of the same activity doesn't meet
8 the overall requirement. So this means the general
9 requirement of the attraction, regardless of whether
10 it's over a pool or not, because of the nature of
11 what we're doing, the height and the fall
12 remediation, we consider all climbing walls with or
13 without delay, right, as our purview. And this is
14 just an adaptation of the water. So that's why -.

15 MR. GORMAN: And I accept that. Thank
16 you very much.

17 CHAIR: No, absolutely. You can ask
18 me on a different day what my personal thoughts are
19 on what should be excluded from our purview, and
20 that's a completely other answer.

21 Any other questions for board members
22 concerning this submission? Mr. DiDomizio?

23 MR. DIDOMIZIO: Yes, Mr. Chairman.
24 Thank you. And just a couple of quick things. Again,
25 height requirement and min/max age requirements are

1 left blank. Given that this - to me, it's obvious
2 that this is something that an adult or free adult
3 person might play with. I don't see five-year-olds
4 climbing this or being allowed to climb this.

5 It may sound ridiculous, but I simply
6 stick to the basic rules that say this is not a
7 generality, this is not a recommendation, this is the
8 ride, this is the way it shall be. So I believe it
9 has to be specific. So the specific ride is
10 approved. And this - again, this is my personal
11 opinion that needs to be described as it's being
12 brought to court before us for our approval or our
13 recommendation for approval.

14 So that being said, all the things
15 that have been talked about, I hear the words
16 recommended versus required. You know, if there's a
17 maximum number of climbers, or the width of the
18 climbers, the height of the wall versus how far you
19 can drop, the way - no matter what, all this stuff
20 has to be identified, and not simply by saying, well,
21 we recommend this. We recommend that. I believe it
22 should be specific. I agree with the rule, of
23 course, but I think it should be specific to the
24 application.

25 CHAIR: I don't disagree with you, Mr.

1 DiDomizio. And when we issue an approval, it is for
2 a particular instance and how it's being operated,
3 that instance. In this case, we're talking to a
4 manufacturer that there could be many different
5 applications or uses for this particular attraction,
6 so very site specific, contingent on how they
7 operate. So I'll offer for this particular
8 installation, this is a discussion, it's not a
9 ruling, it's just my opinion, a five-year-old or a
10 three-year-old could attempt to traverse this and it
11 would be contingent on where the pool and the
12 operator's wherewithal to allow younger patrons
13 access to the wall based on how deep it has to be.
14 Right? So if this is in a diving area, in a deep
15 end, a pool already has specific restrictions for the
16 most part on who's able to access that area. But to
17 say that a five-year-old can't try and traverse this
18 wall, I don't know that that's necessarily true. Or,
19 you know, a three foot, 36 inch or 42-inch person,
20 they won't get very far. That doesn't mean they
21 can't try and traverse the wall. I think the
22 restrictions are relevant to the depth of water, a
23 person's capability to swim, rescue themselves from
24 that depth of water versus the durability. So that's
25 just my opinion on the discussion where I've seen

1 these installed. But I agree with you, the
2 specificity for installation requirements, height
3 restrictions, age restrictions, that should be
4 outlined. In this particular case, it's my opinion,
5 it doesn't have to be anybody else's opinion, that
6 there shouldn't be any restrictions. It all revolves
7 around their ability to traverse the water in which
8 the wall overhangs, whether they can climb 2two feet
9 up on it or all the way to the top. Just my opinion.
10 Back to you, Mr. DiDomizio.

11 MR. DIDOMIZIO: Well, I share your
12 opinions. You're not alone. Again, it could - it's
13 not in the application, but you know, I can't help
14 thinking, because we have climbing walls and this one
15 is obviously laying over an angle, with the idea
16 being that if you were to fall, you'd fall into
17 water. Well, on a climbing wall you might have some
18 blocks down there you might fall into, but over a
19 certain height you're talking about it requiring a
20 delay or some kind of a safety system. What's the
21 feeling of the board as far as treating this like a
22 climbing wall, regardless of what you fall into?
23 What's the feeling across the board?

24 CHAIR: I will offer it is a common
25 problem. That's the same kind of expectations.

1 That's how it was presented. That's how we're
2 treating it. The fall mediation or lake or fire
3 water that it's being over. I'm satisfied with that
4 answer, sir. And just as long as we - I like the
5 fact that we can talk about these things and let the
6 manufacturer know that we require certain things in
7 the as-built condition or in the as-manufactured
8 condition, that it doesn't - the responsibility goes
9 with it, because everything is submitted with the
10 application. So thank you for your input.

11 CHAIR: Always happy to have the
12 discussion. And we are very specific whether we see
13 an item, an attraction or ride operating. Right?
14 That's - what people don't necessarily understand is
15 the value of the Advisory Board is it's not just the
16 submission, but it's as found in operation. Right.
17 So there is that other requirement that the
18 operations manual meet the requirements of safely
19 operating whatever is being operated that satisfies
20 the rest of the law that governs amusement rides in
21 Pennsylvania. So it's not just the manufacturer's
22 specifications, it's how it's operated at the
23 location to be operated.

24 With that being said, is there any
25 other discussion for the Advisory Board? Not hearing

1 any further discussion, is there a motion? Mr.
2 Spang?

3 BOARD MEMBER: Mr. Chairman, I'd like
4 to -.

5 CHAIR: Hang on. Mr. Spang has a -
6 please turn the mic on.

7 MR. SPANG: I'm no lifeguard, and I'm
8 looking at this. I'm assuming it's a climbing wall
9 over the side of a pool, then they fall off the top
10 of it, go in the pool. Now, at a certain height, and
11 the engineers on the line with us, what is their
12 entry into the water? Because lifeguarding always
13 taught us at a certain height, hitting water, they
14 might as well hit the ground. So there's a - when
15 you go off a diving board, you got to enter the water
16 correctly so you don't injure yourself. Now, I'm
17 going up there and my back is facing the water and I
18 fall off and I'm at the highest point. Are we still
19 going to be able to hit that water without being
20 injured? It's the only - the engineer should know
21 that.

22 CHAIR: Sure. I'll query the
23 engineer. The total height and fall on this, less
24 than a three meter, I would assume, butt Mr. Spang is
25 asking max height, max fall, assuming a typical human

1 being is 42 inches.

2 MR. MOY: Sorry. This is Russell Moy,
3 M-O-Y. And Alex and myself are the engineers and
4 designers. Your foot height on a five high axial
5 climb is clearly specified in the documentation that
6 I believe Cherie Moy has provided or can provide that
7 shows the foot height, the maximum hand height,
8 maximum foot height, the maximum body height hitting
9 the water from a 5-5 climbing wall. So I'm sure that
10 if you don't have that, we'll provide the chart. And
11 it's a very comprehensive chart to give you all the
12 dimensions that you require.

13 CHAIR: I'm sure it is included. This
14 was a query from one of our board members looking for
15 a generality. And anecdotally, we're having a
16 discussion about entering the water, assuming a fall
17 height is - what the overall height of this - you
18 said each panel is about three meters?

19 MR. MOY: Each panel is one meter. So
20 each - the height of it is five meters, but out of
21 the water is four and a half meters. So that's 16
22 feet out of the water maximum. And then when you
23 talk about your falling height, the falling height
24 from the feet is around six to eight feet maximum.

25 CHAIR: Does that satisfy - yeah.

1 that was our general -

2 MR. SPANG: Thank you.

3 CHAIR: - math for sure. So it's no
4 different than going off of a one-meter board and
5 jumping in the air and landing feet first, head
6 first. Thank you, sir.

7 All right. Back to you, Mr.
8 DiDomizio.

9 MR. DIDOMIZIO: Yeah, I'm looking at
10 the application and I believe on page six it says
11 that there - the operational height is 13 foot, two
12 inches. And so, the direction of travel feet first
13 into the drop zone, minimum eight feet of water. So
14 the question is, can a patron literally push off the
15 wall into a somersault or whatever and enter the
16 water head first? You know, how you fall or do you
17 fall on purpose, you know, once you get off the ride?
18 I don't put anything back. You know, I don't take
19 anything away from teenagers and doing something, you
20 know, could be showing off or just looking for a
21 thrill ride, but - so is it the correct depth? I
22 don't know. Is eight feet of water adequate for a
23 fall of 13 foot, two? I've seen - I've seen diving
24 requirements be a lot deeper than that.

25 MR. MOY: Understood. We have had a

1 feasibility study done on this. We've had the FDA
2 study done. And Alex, if you're there, you should be
3 able to share with the committee the results of that,
4 which is where we developed the understanding and the
5 finding of the full depth requirements for a five
6 high climbing wall. Do you have that, Alex?

7 MR. SALZMAN: Yeah, I can send it to
8 whatever parties need it.

9 MR. MOY: Okay.

10 When they talk about a falling height,
11 the feet obviously are a lot further down the wall
12 than the hands. In regards to kids doing somersaults
13 and dives, the main requirement is that the signage
14 very clearly states feet first entry. It also very
15 clearly states that there must be a lifeguard present
16 at the time. I've had a teenage son in my life and I
17 know what they try to get up to. But in regards to
18 the safety aspects, clear signage and clear
19 lifeguarding is appropriate I think.

20 MR. DIDOMIZIO: Can we point to any
21 standards, either state - either Pennsylvania State
22 Code or ASTM that tells us what the required depth of
23 water is for any device that you jump off of? So
24 jumping from a height of 13 foot and whether you're
25 going in face first or head first, I know from my

1 lifeguard days, you know, they used to be a lot
2 shallower than they are today. So can you tell me
3 what would that required depth of water be if you're
4 leaving a platform, whether it's this ride or
5 anything else, from a height of 13 foot, two into the
6 water? Your application says it's eight foot water
7 and half. In fact, it says minimum eight foot of
8 water. So what - our application has to be specific.
9 So can you - are you going to be supplying that?
10 Because it does say conditional, so we have some
11 wiggle room here.

12 MR. MOY: I think the best approach to
13 this is for us to send you all the documentation,
14 okay, that we have and that we have gathered. And we
15 created the full site climbing wall 17 years ago, and
16 with that have constantly evaluated the heights of
17 falls, the pool depth required. Any state that has
18 looked at this, Wisconsin, Illinois, they certainly
19 looked at pool depth. And I think you'll find that
20 our documentation, either Alex or Cheri will be able
21 to provide that completely for you. The fall at 13
22 feet is more of a head height. And the other thing
23 about it is that when you're on a diving board, the
24 momentum of a head first dive is far different to
25 that of a falling off a full side climbing wall into

1 the water. Whether you try to - there's no way you
2 can accelerate your dive or your fall, whereas you
3 can do that on a diving board. But I'll let the
4 information, the literature we provide speak for
5 itself.

6 MR. DIDOMIZIO: I'm sorry, did you say
7 you could accelerate yourself? Is that what I heard
8 you say?

9 MR. MOY: I said that on a diving
10 board, on a spring one meter board or a three-meter
11 board, there's a certain amount of acceleration and
12 momentum that you can generate, whereas on a full
13 style climbing wall, the wall itself is static and
14 there's no way you can either run and jump or it's
15 very hard to do very much apart from fall feet first.

16 MR. DIDOMIZIO: I mean, you can't
17 accelerate off a diving board. I mean, it's
18 acceleration of gravity.

19 MR. MOY: It is, but you also have the
20 momentum of the spring on the springboard, the one
21 meter springboard with the height. And you're also
22 going head - deliberately head first entry. I'm not
23 a diving expert, but we argue that feet first,
24 predominantly only feet first entry.

25 MR. DIDOMIZIO: You might want to

1 leave also for that increasing the acceleration,
2 because that can't happen.

3 CHAIR: Hello again. Thank you, Mr.
4 DiDomizio. I'm not cutting off. I'm merely
5 redirecting for a moment.

6 We would appreciate reviewing those
7 documents where those studies were done. Absolutely
8 understand the logic behind what was offered today
9 and look forward to reviewing the data related to
10 that.

11 I will remind board members if you are
12 unaware or remind you if you were aware that this
13 manufacturer may be new to us, but they're not new to
14 the industry, as they have said. They've been
15 offering this type attraction for many years. And we
16 do have similar climbing attractions at pools and
17 other waterways already approved and operating in
18 Pennsylvania. This is not far and away much
19 different than the ones that currently exist and our
20 operating.

21 With that, is there any more
22 discussion that can be answered or does a board
23 member have a motion? I'm staring at Mr. Swika
24 because he's special. So let me offer a motion for
25 consideration. Oh, go ahead, Mr. Swika.

1 MR. SWIKA: I make a motion to
2 recommend this for approval upon receiving the
3 documentation that Mr. DiDomizio would like to see.

4 CHAIR: And his review, and review it
5 and - okay, yes, and get some information from that.
6 How's that? Does that satisfy you, Mr. DiDomizio,
7 that we receive the documentation offered and you
8 have an opportunity to review it and offer comment
9 and find it acceptable?

10 MR. DIDOMIZIO: Well, just for
11 clarity, the letter that's dated May 21st, '24, was
12 regarding municipal approval. Now, this - you say
13 has been given a conditional approval for a pending
14 review of the submission. Now, so the motion is to
15 extend the conditional approval or to go for the gold
16 and just - it's not just about receiving the
17 documentation. We got to see how it all fits
18 together. And I don't think it would be a service to
19 the board if we don't get - if everybody doesn't get
20 a chance to review that. There just seems to be a
21 lot of missing information.

22 CHAIR: All right.

23 So I'll ask Mr. Swika to make a
24 modification that it's - the additional documents
25 that were offered to be reviewed and the board having

1 the opportunity to review the packet in its entirety,
2 they find it to be acceptable.

3 MR. SWIKA: Yeah, that would be fine.
4 But you know, I've been in this business a long, long
5 time, and kids will be kids. They'll find a way to
6 push off that wall, they'll find a way to do
7 somersaults, and they will. Unfortunately, kids will
8 be kids. You can direct them, direct them, direct
9 them, but they're their own worst enemy sometimes.

10 This thing is not real far of a fall
11 into the water, but I can see people slipping and
12 falling and hitting their back, just like a belly
13 flop in reverse, and stinging themselves. I can see
14 that happening on this thing. Again, it's been out
15 there in different areas across the world, I guess,
16 from what the manufacturer said. Falling five, six
17 feet, seven feet, at the worst, I don't know. This
18 is a tough one. I can see this - I can see this even
19 having multiple little - I don't know exactly the
20 word I'm looking for, but lucid injuries. So that's
21 my concern.

22 My concern also is if it's not
23 controlled better and the lifeguard is looking at
24 something on the other end of the pool, even though
25 you had one that's supposed to be specific for that

1 ride, prefer that wall, look in the wrong way,
2 somebody swimming under and getting - fell out. You
3 know, I really think we got to look at it a little
4 bit maybe deeper. Maybe we're getting ahead of
5 ourselves here. It looks built right, it looks built
6 strong. It looks - but operation I think is the main
7 thing with this. So, you know, I don't know. That's
8 what I got to say anyway.

9 MR. SPANG: I guess the difference is
10 controlled descent versus uncontrolled descent. If
11 I'm an accomplished swimmer and I'm up top and I
12 decide to dive in, I'm going to go in properly. But
13 uncontrolled means I slip and fall and I go down and
14 I'm hitting that water at max speed at the bottom if
15 I'm at the top. Yeah, there are some concerns and,
16 you know, we want to address for the safety of
17 everybody in the Commonwealth.

18 CHAIR: Here's how we progress
19 forward. I query the board one last time if there is
20 any motion. If not, then this item is tabled for a
21 future meeting. For those that are operating under
22 conditional approval, we will continue to operate
23 under that conditional approval and we will
24 correspond with you with the additional information
25 that we are seeking to make a completed application.

1 So is there a motion or are we tabling? Go ahead,
2 Mr. Swika?

3 MR. SWIKA: Do you think we could send
4 Leonard out there since it's in his territory to
5 observe operation in this thing or did he do that
6 already, see how this thing is operated, see how the
7 kids hit the water when they come off the top and get
8 a visual on this. Maybe we're jumping to
9 conclusions, maybe we're looking at it a little
10 harsher than we should. I don't know.

11 CHAIR: I don't mind harsh. And I'm
12 going to stick to Mr. DiDomizio's side. Absolutely
13 Leonard's been out there and we've queried him, but
14 we want the application and the documentation as
15 described from the earlier submissions to be accurate
16 and correct for what the board is reviewing and
17 recommending. So I think it's a good moment for us
18 to get the application correct to meet board members'
19 requirements and recommendations so they have an
20 accurate accounting of what they're reviewing,
21 recommending for approval. So in this case, I feel
22 that we need to have some additional information from
23 the applicants to complete our records, which means I
24 would have to offer that completed record back to the
25 board for your review. And many of those answers

1 will be contained in that information that we ask.
2 Go ahead, Joe.

3 MR. FILOROMO: I've been comparing
4 this to some other kind of roles we have that's
5 uncontrolled descent, basically a trampoline. Now,
6 there's a different part of the standard for that,
7 but we require a study from a Professional Engineer
8 as to whether the fall into whatever they're landing
9 in is appropriate. There's a fancy word, I don't
10 remember what it is, but - and I'm thinking to myself
11 falling in the water is way better than falling into
12 a foam pit, and a lot of them are putting airbags
13 down there and they're doing a study to see if that
14 airbag is appropriate. So maybe there could be some
15 parallel in what we've done for those and for water,
16 and I think it's going to be that much better. That
17 might be a direction to look at this, so -.

18 CHAIR: So by name, I'm going to ask
19 that Mr. Gorman, do you have a pleasure, the
20 direction the board takes?

21 MR. GORMAN: Walt, you can single me
22 out. And in my opinion, this is safer than diving
23 boards that you see in most pools. So I'm not - I
24 think that you're correct that we should have a
25 documentation that they've done their research on the

1 depth of water to make sure that we are happy with
2 that depth of water destination or requirement.
3 Other than that, in my opinion, you could continue
4 with a conditional approval until we have the
5 documentation and we can either review it virtually
6 or wait until September to have more of a final
7 review.

8 CHAIR: I appreciate your comments.
9 Mr. DiDomizio, thoughts?

10 MR. DIDOMIZIO: Yes. I agree with the
11 comments that were made, you know, looking at
12 requirements for the depth of water under where
13 you're falling. I mean, you know, just while we've
14 been waiting and getting through this, and I know
15 that the diving pools went through a big change
16 following a multimillion dollar lawsuit where the
17 depth of the water was inadequate. And I know from
18 putting in my own pool, they don't even want to talk
19 about a diving board or diving platform or whatever,
20 because simply that problem with how deep it is and
21 how far out it has to be. So you got to take this
22 into account. I think it's important that they come
23 back with the documentation and also to back up, you
24 know, standards and practices. That's going to
25 supplement that. You might be looking at a minimum

1 of 12 feet deep, not 8 feet deep. So I think it's
2 especially important because each state has its own
3 requirements. So what's done in other states really
4 doesn't matter. Some states have no requirements.
5 We're spread here for a good reason, because we're a
6 very - a safe place to operate and I think we got to
7 maintain a high standard. So thank you for that.

8 CHAIR: Thank you for your comments
9 Mr. Makrias, anything related to this? Mr. Spang or
10 Mr. Swika?

11 MR. SWIKA: I guess we wouldn't run on
12 a conditional - I need to make a motion that we
13 should then run on our conditional approval. I don't
14 need to make motion, until we get the additional
15 documents we need and we'll review it and go over it
16 in September. All right. That's my opinion.

17 MR. SPANG: And the only reason I'm
18 bringing it up is most of your municipal pools have
19 gotten rid of the high dives because of kids going
20 off in the wrong way. And that's controlled descent
21 because they're supposed to use them properly. So
22 it's just a little concerning and, you know, we want
23 to make sure we have our I's dotted and our T's
24 crossed for everybody's sake. Thank you.

25 CHAIR: Thank you, Mr. Spang. So to

1 the submitter, you've been issued a six-month
2 conditional. We have some additional documentation
3 that we're going to request from you based on the
4 discussion here today of the board members. You will
5 continue to operate unabated and we'll gather that
6 information and provide it to the Advisory Board for
7 their review and consideration. And if there are any
8 additional recommendations that crop up from that
9 discussion, we'll reach back out to you. We may ask
10 for conversation again once we've had the opportunity
11 to review the documents, but we may not depending on
12 our ability to digest the information that you'll
13 provide to us. Do you have any questions at this
14 time?

15 MS. MOY: No, I do not. Thank you.

16 CHAIR: Again, it is housekeeping. It
17 is not uncommon for us to request additional
18 documentation. It is not a reflection of your
19 application or your attraction. It's for us to
20 complete the record. Sometimes it's for us because
21 we have additional requirements that we want to read
22 about and understand. It only makes us better and we
23 appreciate the time and your patience for this.
24 Again, you'll continue to operate with no issues
25 under the conditional approval and we'll be in touch

1 very soon with the additional request for
2 information. Other than that, you can stick around
3 with us today or you can jump off the call.

4 MS. MOY: Okay. Thank you very much.

5 CHAIR: I will look around the room.
6 Does anybody need three or four minutes? We have two
7 more submissions. Three, really. One is for your
8 review and recommendation. Or two is for your review
9 and recommendation. One is just information. So if
10 we can boldly move on, I suspect the remainder will
11 move quicker. Everybody was good.

12 Okay. So we're going to skip
13 Treehouse World, because I do want to have a
14 discussion on that. We're going to go to Zamperla's
15 Power Zurge, not surge. And once we get set for the
16 Zurge, looks like it's up on the - who would like to
17 offer a brief summary of this submission? I believe
18 we had Mr. Crisler on the line who may offer some
19 background.

20 MR. CRISLER: Yeah. Thanks. It's Jay
21 Crisler from Zamperla. And the Power - we're calling
22 it the Power Zurge. I'll just say Power Surge
23 because our marketing puts a Z on everything to make
24 it look like Zamperla. And this is a replacement of
25 the existing ride. So we had a power surge that

1 operates. That was a 1999 production model, and
2 Knoebels wanted to replace their existing power
3 surge. And in 25 years, we've made some improvements
4 on the ride, so this is basically the next generation
5 power surge ride, which spelled with a Z. And we can
6 distinguish it by calling it a second generation
7 Power Surge.

8 CHAIR: It was very important, Mr.
9 Crisler, that I changed the S to a Z to reflect the
10 new version, so I appreciate that clarification.

11 MR. CRISLER: Right. It's just odd
12 for me to think Power Zurge. So Power Surge comes
13 more naturally. But yes, it's Power Zurge with a Z.

14 And I don't know how many people are familiar with
15 the ride. It is - it has a boom that raises up, and
16 then it has three axes of rotation. The main boom
17 rotates. There's six sweeps. The sixth sweep - six
18 seeps rotates, and then there's six gondolas. Each
19 gondola has four seats, and it's split in two. And
20 there's two seats that rotate on another swim bearing
21 that has another rotation of axes. I think without a
22 photo, it's very hard to imagine, but hopefully many
23 people have seen the ride and have some familiarity
24 with it.

25 CHAIR: Yes. If you were able to log

1 into the video conference, we actually are projecting
2 the primary photo. We here can see the
3 representation of Power Zurge. Would you be able to
4 describe just briefly some of the main differences
5 between the modern version and what was installed?

6 MR. CRISLER: Yeah. There's been a
7 lot of advancements in control technology,
8 specifically PLCs and electronics. So the whole
9 control system is what I would call a more - a state
10 of the art. You know, there's been a lot of
11 advancements in the last 25 years. Due to the market
12 request, the rotation of the main boom used to be a
13 hydraulic motor, and now it's an electric motor for,
14 you know, cleanliness, smoothness, you know,
15 reliability. So it's just - the ride itself is
16 conceptually the same. It's just 25 years of
17 advancement in technology have been applied.

18 CHAIR: Excellent. Thank you. Board
19 members. Open the floor to questions.

20 BOARD MEMBER: Notice this boom is a
21 park model compared to the other one, which was
22 portable.

23 Correct?

24 MR. CRISLER: That is correct. It was
25 a port - it was sold as a trailer model ride. Never

1 used as a trailer model ride. So I don't know if the
2 park moved it from one location after a season, but
3 it was never a traveling show. But yes, you're
4 correct. The original one was a trailer model and
5 this is a park model, where the difference is one has
6 an axle and can be attached to, you know, a tractor
7 trailer and towed where the other one is on a fixed
8 foundation. The foundation is the scope of the
9 customer. We provide anchor bolt locations and
10 loads, and then it's designed to the local
11 requirements.

12 BOARD MEMBER: So normal platform.
13 It's right on like a concrete slab now, people lower
14 it off the ground? Or is there a platform like the
15 old one - steps to get out of like the old one.

16 MR. CRISLER: There's a platform in
17 the sense that, you know, there's a place for people
18 to load and unload, but it's not a platform attached
19 to the ride that you can drive around. It's - I'm
20 trying to think how the best way to describe it.
21 There's a loading area, so but it's a part of the
22 station area. We'll say it that way. It's a
23 concrete slab as opposed to a platform.

24 Did that make sense? Did I answer the
25 question correctly?

1 BOARD MEMBER: Yeah, that's all. I'm
2 just asking. I didn't get to go see it yet, but
3 another thing. I've been around and I saw the way it
4 come over a little bit. The old one, the portable
5 ones were built like tanks, and I'm sure this is
6 built like a tank also. So I have no concerns about
7 the structure of the thing. And the new drive is
8 better because they were always dripping a little
9 bit, the hydraulic motor, so it's improved. I'm sure
10 that they can sell it. Can't wait to see it.

11 MR. CRISLER: Right. And - and you're
12 on point, and that's what we look. You know, we take
13 the feedback from our customers and we've made the
14 design upgrade. So you're on point with that. And
15 yet the portable one, that axle sat higher and needed
16 a platform where this one is anchored to grade, I
17 guess, is a good way of saying it. So, you know,
18 like a flat can be used, so.

19 CHAIR: Thank you. Mr. DiDomizio, any
20 questions?

21 MR. DIDOMIZIO: No, I - I'm the
22 engineer on this ride, so if there's anything
23 technical that Jay wants to refer to me, that's fine.
24 I just know that I will be abstaining on the vote.
25 So just - just suggesting that when, you know, as

1 soon as the vote comes that I'm just going to abstain
2 so that I can have my vote, the record reflect it.

3 CHAIR: I understand. I - I actually
4 offered that so folks would know it has your seal of
5 approval, separate in a way from the Advisory Board,
6 and I appreciate that.

7 Steve?

8 MR. GORMAN: Hi, this is Steve Gorman.
9 And I was going to ask Jay two things. One, is the
10 ride terminals already installed, or is it
11 operational? Have you commissioned it? And where
12 else have you had, or how many others have we had
13 with this new design?

14 MR. CRISLER: Hi. So to start, the
15 ride has been fabricated and delivered, but it is not
16 yet installed. I would say the soonest that we would
17 install the ride would probably be July this year.
18 However, we're waiting for feedback from the
19 customer. So it could be July, it could be later.

20 Yes, we do have another installation
21 in the world and it's apparently quite - quite well
22 received so far.

23 MR. GORMAN: Okay, thank you.

24 CHAIR: I'll, Steve I'll offer you
25 this. So, we actually have a semi subject matter

1 expert that said, yep, the footprint's bigger. So,
2 we have to do some work at the park. We have to pour
3 the concrete pad.

4 MR. CRISLER: Yeah, they have - they
5 have to reinforce the park model's area where they're
6 going to install it, so they still have some work to
7 do before they do the installation to receive.

8 CHAIR: Okay.

9 MR. GORMAN: Thank you.

10 MR. ARNDT: And Jay, this is Randall.
11 I talked to you last week. I got a general question.
12 I'm looking at the name of our, of one of our
13 original approvals one. And the main pivot shaft,
14 like where it pivots, like on the older model, like
15 the one I'm looking at is positioned differently. I
16 mean, this one here's on the center line of the ride.

17 Is that, like, am I looking at
18 something different? Is that just a trailer model
19 that was done that way, or was it a change that was
20 done years ago we don't know about?

21 CHAIR: A lot of questions.

22 MR. ARNDT: Yeah.

23 MR. CRISLER: Yeah, so I don't have -
24 I'd have to pull up the, yeah. I'd have to pull up
25 the drawings of the old one to do a comparison. But

1 there are, I'm trying to think of there are geometry
2 differences because one's a trailer model and one's a
3 platform. And, you know, the state of the art with
4 finite element methods, we can do optimize steel
5 structure design better. So, if I have something to
6 open, I could talk to it specific, but in a general
7 sense all I can say is it's the next generation
8 design.

9 But the - the general motion's the
10 same. You have hydraulic cylinders that will push
11 the pendulum up, but yet actual location geometry
12 will clearly be different.

13 MR. ARNDT: All right.

14 Part of the reason I was asked that, I
15 know there were some issues that may have been from
16 other ones. So it just kind of, was this a change to
17 correct those issues? That's why I was asking that
18 as well.

19 MR. CRISLER: The answer to the
20 question, the short answer is yes. So the ride, the
21 ride had over 20 years. It was ending the, it had
22 started to see issues with fatigue. And so, that's
23 the reason why the customer, why - I don't want to
24 speak for the customer, but that, I think, you know,
25 I could say in a general sense is why. One of the

1 reasons that they replaced it. Just had an age on
2 it.

3 And then, yeah, structurally speaking,
4 we, you know, our structure department addressed
5 those issues.

6 MR. ARNDT: All right, thanks.

7 CHAIR: Any other questions or
8 comments from board members? Is there a
9 recommendation or a motion for recognition or not?

10 MR. GORMAN: I'll - this is Steve
11 Gorman. I'll make a recommendation to approve this.
12 The only condition would be that when the ride is
13 installed and operational that, you know, the
14 Department has - has it reviewed before it's open.

15 CHAIR: So a motion recommending the
16 approval, conditioned it meets all of its testing and
17 requirements after installation, part of operation.

18 MR. GORMAN: That is -.

19 BOARD MEMBER: I'll second that
20 motion.

21 CHAIR: Okay.

22 Any discussion? We will note that Mr.
23 DiDomizio is abstaining from voting on this item.
24 All those in favor, please respond by saying aye.

25 (AYES RESPOND)

1 CHAIR: Aye. And any opposed?

2 (NO RESPONSE)

3 CHAIR: Thank you. Thank you. We're
4 going to move to Treehouse World. I'm going to ask
5 Randy -.

6 MR. AMDT: Okay.

7 CHAIR: I'm going to ask Randall to
8 describe to us the reason that Treehouse World is
9 before us today. And then we'll allow the applicants
10 to speak on behalf of the Treehouse World.

11 MR. CRISLER: Okay.

12 And then before I sign off, I just
13 want to say thank you to everyone for their time.
14 Jay Crisler from Zamperla signing off. Thank you.

15 CHAIR: Thank you, sir. We'll be in
16 touch soon.

17 MR. CRISLER: Excellent.

18 MR. AMDT: All right.

19 This is Treehouse World. They're
20 doing, basically it's a modification to what they
21 were using previously. They were using metal ridge
22 connectors to zip line through the course. And
23 there's been some, I think it's a good thing they're
24 doing this modifications, that safety modification.
25 Done some research on other - other types of

1 connectors like that and the Seattle Ridge. And just
2 even, there's ways that kids can manipulate them, get
3 them open. And they have their reasons why they're
4 doing the modification, and I'm glad to see they're
5 actually doing it as a safety upgrade.

6 And I guess Dan, he can kind of
7 elaborate more on this upgrade. He - he's online.

8 CHAIR: Please and thank you.

9 MR. WRIGHT: Yes, this is Dan Wright
10 from Treehouse World. There are a number of
11 modifications involved in this. The largest one is
12 that we eliminated all of what you might call a
13 challenge element, an obstacle. And we've replaced
14 those with walkways or bridges, with netting up the
15 sides. So it makes it a lot easier and more
16 accessible for people to access the zip lines.
17 That's what we found was people just wanted to get to
18 the zip lines. They weren't that interested in an
19 adventure course of the old style guided adventure
20 course.

21 We removed a couple of platforms, so
22 overall there's fewer stages. There's one longer zip
23 line, which we call zip line one, and then there's
24 zip lines two and three, which are set up side by
25 side, eight feet apart. And those three zip lines

1 are unchanged from the original submission. All the
2 - the physics of it are the same. And then we
3 changed from an EDELRID to a CMI trolley, which is
4 the same trolley we used on other rides in the park,
5 which is something that was a priority for us to
6 simplify training and just have standardization of
7 equipment.

8 The one difference with the rest of
9 the park is that we are using a sewn CMI loop runner,
10 which is actually two loop runners in a single piece.
11 They're sewn, they're stitched together about 80
12 percent of the way. And this allows you to have a
13 second carabiner up top that goes through the trolley
14 and over the wire in case there was a catastrophic
15 trolley failure like the bearings on the ships fall
16 apart mid-ride, which has never happened to us, but
17 that's why it's there. So there's, apart from the
18 other rides in the park, this has two carabiners up
19 top. And all of the lanyards are the same length.

20 CHAIR: My turn to take up. Not a lot
21 of time, but an awful lot of discussion occurs behind
22 the scenes, both when we see issues in other
23 jurisdictions or we run across something in our
24 jurisdiction and realize that there's something we
25 could be doing better. In this particular case, in

1 recognizing Treehouse World as giving us an
2 opportunity to identify people who are absolutely
3 doing it as well as we can ask them to.

4 And with this mission and the upgrade,
5 recognizing what their clients want, but also
6 upgrading the safety element, there's been behind the
7 scenes discussion and a lot of education with our
8 inspectors going out of the direction of - of Joe to
9 review zips and high rope courses and similar that
10 were relying on harnesses, helmets, carabiners, and
11 belay equipment to make sure that what's being used
12 is as safe as it can be. And the items that we may
13 have approved a decade ago, which was state of the
14 art at that time, are still functional and safe,
15 right? So there's been modernization and technology,
16 but there's also been modernization in climbing and
17 safety mechanically.

18 And we want to make sure that we're
19 sticking up with that. And that we're going to be
20 the exception when it comes to high ropes like zips
21 where if other operations allow or don't follow
22 through and go back through and do inspections to
23 make sure that operators are doing everything they
24 can to protect their customers, that we force that to
25 happen here in Pennsylvania, to be the exception to

1 the accident rule wherever we can.

2 So, what we've heard through social
3 media and testimony from individuals, is that some
4 belay systems can be defeated easily by patrons
5 intentionally. And that some don't operate as well
6 as they should and can fail unintentionally. Less
7 likely, but that once patrons have operated dual
8 system belays, as they figure out how they operate,
9 then they can emulate what is supposed to be a safety
10 line without it actually being connected to a safety
11 line and become detached intentionally midcourse,
12 which is obviously, we all know, might be great for
13 social media, but it's terrible for everyone else.
14 And I - I don't believe it's great for social media,
15 so please don't take that as an affirmation to that.

16 So, Joe and the rest of the staff have
17 a letter that's telling me that it's all, made it a
18 priority that on top of the work they're doing,
19 getting around the region, this is wherever there's
20 high ropes or zips, that they're making additional
21 effort to stop at all of these locations and review
22 the operation and the equipment being used. And have
23 that real discussion with the operators that is it,
24 are we at a point? Are you seeing where people are
25 able to defeat intentionally your belay systems? Do

1 you see them coming off and not being tested to go
2 back on and the like?

3 So we wanted to use the Treehouse
4 World submission to highlight that we want to go back
5 through and do what Treehouse has offered to us on
6 our own, to upgrade the standard of the safety
7 equipment and the experience, and let the board
8 members know that we're actually highlighting this
9 activity this year and what we're going out and
10 inspecting and having those conversations about what
11 equipment is being used, what we're seeing on social
12 media, and how they can upgrade their operation to
13 try and prevent it or reduce the risk for their
14 patrons.

15 So, I - I just want to take that
16 moment to let you know what we're out there doing
17 behind the scenes on top of all the other stuff we're
18 doing. But we've seen an awful lot of accidents
19 happen, and we don't want one more if we can stop it.
20 So, at this point, I'll - I'll take a breath and ask
21 that if any board members have any comments,
22 suggestions, or conversations that relate to this
23 subject or the submission. I appreciate the
24 opportunity - all right.

25 Go ahead. Yeah, by all means,

1 Randall.

2 MR. AMDT: All right.

3 Dan, I've been through them and I seem
4 - not to see my try - I might be missing. In the
5 manual, I think it'd be nice if we could include
6 something like that, you got a lot of the stuff
7 you're using, a lot of the gear and everything inside
8 the manual. But there's nothing there that says like
9 the CMI trolley. And - and these are like some of
10 the most important things. Like, and there's parts
11 of the manual that go into items of value. That all
12 kinds of, like, rescue equipment, and all different
13 gear like you use in there. But there's nothing,
14 like this is one of the important items.

15 So there's, when they say trolley in a
16 manual, say connect to trolley, there could be
17 numerous types of trolleys somebody could use. I
18 know you guys aren't doing that, but I think it's
19 important that we - we have that still in there with
20 what type, what like - it might be different
21 terminology of the professional grade trolley or what
22 grade trolley has to be used. But I mean, but
23 they're not just pulling trolleys that somebody made
24 themselves. I - a picture of the trolley plus the
25 name of it, I think is important and the gear.

1 Which leads me, I was trying to find
2 that there.

3 CHAIR: I could describe it to you
4 what they -.

5 MR. AMDT: Yes. I don't know if you
6 can see this here. Are you able to view it, Dan, or
7 not? Let me pull it up. It's the use - the page, it
8 has a picture of the guys with the connection point
9 going through the chest. Can you blow that up a
10 little bit, Yvonne? I just thought this about ten
11 minutes ago, or I would have called you last week and
12 kind of, like, went, you know, discussed it with you.
13 But since I just thought it about ten minutes ago.

14 Well, I made you overlook it. When -
15 when you go through a carabiner like that sideways,
16 carabiners aren't designed to be side loaded like
17 that. So - so in the one picture, as the tension
18 comes off the lander going to the carabiner on the
19 metal part, that's okay, I guess, on the side really
20 quick. But the other picture, and then it comes
21 against the gates. Now you're putting the pressure
22 against the gate and the gate could break and come
23 open because they're not designed. They're designed
24 like 22 kilonewtons or more for the end to end, but
25 not - not going against the gate.

1 So, do you have anything to add to
2 that? Maybe there's a better device to use other
3 than the carabiner? That's - that's just a question
4 looking at that.

5 MR. WRIGHT: So I can't view your
6 screen. I can see on page 18 of our submission,
7 there's a picture of the trolley, but it's not a
8 close up. So, I would agree with you that I'd like
9 to stick a close up picture and the name of the
10 trolley into the manual. So that's agreed.

11 As far as loading the gate of the
12 carabiner, the - the final connection is on the - the
13 harness itself, the lower part of the harness. So
14 it's pulling sideways on the gate. And the function
15 of that gate and chest harness is just to keep the
16 person more upright. It's never taking the full load
17 of the rider.

18 MR. SWIKA: Randall, could I - can I
19 interject something along your lines?

20 MR. AMDT: Go ahead.

21 MR. SWIKA: I'm - I'm pulling up this
22 picture that you referred to on page 18. And I guess
23 I'm a little concerned here because the harness, and
24 so - so the bottom part of the harness is not
25 connected to the shoulder strap part of the harness.

1 So what's going on around the leg is connected by the
2 carabiner to the - to the yellow strap. And - and
3 that's going for a different carabiner that's holding
4 the two other straps together. Now, I've seen these
5 before. This seems like a four point connection.

6 This is not the way they look. Has
7 something been - has something been modified on this
8 - on this type of harness? But this doesn't seem
9 correct to me because that one carabiner that's
10 holding the two shoulder straps together actually has
11 the hanging strap of the web going through it. So
12 it's - it's being loaded end to end, but also side to
13 side. I'm a little concerned about that.

14 MR. WRIGHT: Are you waiting for me to
15 respond?

16 MR. SWIKA: Please.

17 MR. WRIGHT: Okay.

18 So the harnesses are designed to be
19 two separate pieces. You're - you're right, they're
20 not connected. And the lanyard passes through, so it
21 really just, it keeps the person more upright so that
22 they can't go inverted.

23 MR. SWIKA: Is - is that - so, well,
24 are you - you're addressing the question. I guess
25 you said it's going to be, the shoulder part of the

1 harness is not connected to the bottom part of the
2 harness? One that goes through the leg and one that
3 goes through the shoulders? They're two separate
4 parts?

5 MR. WRIGHT: They are two separate
6 parts.

7 MR. SWIKA: And - and I know -.

8 MR. WRIGHT: We - we have been using
9 -. They aren't connected. So the upper part is just
10 for stability. We've been using these exact brand of
11 harnesses on other zip lines and other rides in the
12 park with descent devices. And this is one of our
13 objectives, was to standardize our training and use
14 the same equipment where possible. As we think long
15 term, we're - we're thinking, if this goes well, we -
16 we want to use this same lanyard system on our other
17 zip lines, which we, of course, would present to you
18 again at a future meeting.

19 But they are separate harnesses. The
20 upper and - upper and lower completely separate.

21 CHAIR: This is Walter. I would jump
22 in again, and we were doing a little pow wow here off
23 the record. Well, kind of on record. Yeah, having
24 background.

25 So if you took off the upper portion

1 that stabilized them in a better position for zip
2 lines, it would carry the complete load and - and
3 meet the requirements? That's a question, not a
4 statement.

5 MR. WRIGHT: Yeah. The answer is yes.
6 The - the seat harnesses are safe to use on their
7 own.

8 CHAIR: Yeah, I was hoping that was
9 the answer you were saying. I appreciate that. So,
10 what does the manufacturer say for the use of the
11 harness that you're using for the upright stability?
12 Is that an appropriate use for that harness in the
13 manner in which you're using it? That's our default
14 question, right? So when we're having a - I
15 understand what you're using it for and I understand
16 why, and we're not for or against that, but we're
17 going to ask. The manufacturer of that harness has
18 an expectation of its use and its limitations.

19 So the question becomes, now, are you
20 using a piece of equipment that meets the
21 specifications of the manufacturer? And I - I think
22 that's what this conversation's going to revolve
23 around on our end. I'm not saying you're misusing
24 it. I'm not saying that the method and reason why
25 you're using it isn't appropriate. It certainly

1 makes the ride more comfortable for the person
2 traversing your equipment in the zip. So I - I
3 definitely appreciate it.

4 But is that the appropriate piece of
5 equipment to do what you want? Or have you taken
6 something that was meant for some other use and made
7 it function for you, although it may or may not be
8 what the manufacturer intends?

9 MR. FILOROMO: So now we've
10 established that the top part of the harness is not,
11 that's - that's not a top part. So now we're back to
12 the other carabiner on the bottom part is being a
13 single point of suspension. And we've been trying to
14 get away from that.

15 CHAIR: But - but we've approved that
16 in the past. Let's, I - I agree with where you're
17 coming from. I'm just trying to establish this first
18 we'll talk about a follow on or a secondary.

19 Again, so we're not asking you to
20 provide answer you don't have today, but I think I
21 wanted to offer you what I believe to be the crux of
22 the conversation we're having, that we're probably
23 going to ask for some additional information so we
24 can make a better informed opinion on where we stand
25 on this. Does that make sense to you?

1 MR. WRIGHT: Yes.

2 CHAIR: And by no means am I saying
3 anything you're doing is wrong. That's not - we - we
4 just want to make sure that what you're doing and
5 what you're using to do what you're doing is approved
6 by the manufacturer and the method, the way you're
7 doing it. Secondary to that, we have had an awful
8 lot of discussion about continuous belay and
9 secondary safety mechanism, which is potentially a
10 follow on belay should there be a failure somewhere.
11 But that - that is not necessarily for today.

12 Go ahead, Joe.

13 MR. FILOROMO: No, thank you.

14 CHAIR: I'm trying to read his mind
15 before he starts talking. So with that being said,
16 I'm going to offer - yeah, good luck.

17 Is there any other board members with
18 any other discussion for this subject that we're on
19 right now?

20 MR. DIDOMIZIO: Is - is there a
21 requirement for - for redundancy because? This has a
22 single strap attached to the carabiner. Am I not -
23 am I seeing something? Am I not seeing something
24 here that would be a redundancy? Another strap, an
25 extra strap -.

1 CHAIR: Nope. There's, so that's a
2 great question, Mr. DiDomizio. And the answer is no.
3 That's the conversation we're having with operators,
4 right? Today and manufacturers, are they designing
5 with redundancy, not designing with redundancy? The
6 design of the trolley and the mechanism related to
7 it. All of those are part of the conversations we're
8 having with these operators.

9 Nothing is operating in Pennsylvania
10 that doesn't meet the requirements, right? We're -
11 we're having those future conversations on should
12 those requirements change, right? That's what we're
13 having conversations.

14 So, no, there's no requirement for
15 that additional safety strap. We would not mandate
16 that at this point anyway, but we are having a
17 conversation with these operators on what their
18 equipment looks like. Are they satisfied with it?
19 Would there be an opportunity to change or upgrade in
20 the future and what that would look like. In this
21 particular case, I think the only question we're
22 having is the manner that they're using the top
23 shoulder harness to keep the person more stable and
24 upright during their experience. That that's
25 necessarily the best way to do that.

1 MR. DIDOMIZIO: Okay.

2 So just to throw a couple other things
3 in the mix. The application doesn't show any minimum
4 height requirements. It doesn't show anything about
5 it, this is - and I don't believe that's an N/A. I
6 think there should be information in there. And -
7 and I can understand how it's hard to put an age
8 requirement on it. That may be - that may be
9 something that should be defined in other ways, but
10 in this case, we have N/A to age requirements and N/A
11 to minimum height. You can't go - you can't go both
12 ways.

13 Now, and as you said, these are
14 statements. And maybe - so, and also now draw your
15 attention to page 44, which shows the first placard.
16 The wording on this is a little disturbing because
17 how - because it's basically saying you - you have
18 risks here, but what are the risks? So it says, the
19 patrons of this amusement ride by - by participation
20 accepts the risks inherent in such participation in
21 which an ordinary and prudent person, or should be
22 aware.

23 This - this comes back to the
24 discussion that we - we don't go to amusement parks
25 to be hurt. We - there's certain assumptions on the

1 part of everybody who's involved in this industry
2 that it's going to be safe. Now, so the park or
3 patron responsibility needs to come right out of the
4 ASTM standard because it's saying okay, under - under
5 influence of alcohol, drugs, an attendant can't tell
6 that. If they're pregnant and if they have back
7 problems. See, those things are specific, but it's
8 pretty broad just saying, you know, there's inherent
9 risk if I'm just - if I'm just climbing on this ride
10 for the first time.

11 So, I - I think that signage needs a
12 little - needs a little more work. And - and the
13 best place to start with that is in the ASTM standard
14 31 and 24 standards. But as a manufacturer, you
15 basically really can't, it's like saying, okay, well,
16 it doesn't matter what you're about to get on, it's
17 going to be inherently risky. I - I certainly have a
18 problem with that. So, and that's just a statement.

19 One last statement is what happens if
20 you're up there and you change your mind? Now this
21 is - this is question. So how do you get off the
22 platform? I get up there, I'm about ready to get on
23 the zip line and I want to get down. How do I get
24 down?

25 MR. WRIGHT: So, I'm very happy to

1 update the language on the patron responsibility
2 sign. That was the original sign that we used when
3 this was approved eight years ago. I don't know the
4 origin of that language, but I'm sure we can address
5 that.

6 As far as is reversing course, if you
7 make your way up to platform four, which is the first
8 zip line launch, and change your mind, you can turn
9 around and walk back across the bridges to the
10 bottom. If you do the first zip line and you land on
11 platform five, but you don't want to continue, we
12 built a staircase down to the ground, the code rides
13 and run staircase with the railings, so it's easy to
14 get down there.

15 MR. DIDOMIZIO: So just to satisfy my
16 curiosity again. Is there any place where you have
17 to jump off the platform using a belay to get you
18 down? So all the stairs involved to get the person
19 off there if they change their mind or for whatever
20 reason gets heart - heart pain or whatever?

21 MR. WRIGHT: Correct. There - there
22 should be no reason to have - to be delayed down
23 except for in an unknown emergency. In fact, we used
24 a Munter Hitch and used to train staff for lowering
25 on the old course, but we're - we removed that from

1 this manual.

2 MR. DIDOMIZIO: Okay.

3 Thanks for - thanks for clarifying
4 that. That's all I had, Mr. Remmert.

5 CHAIR: Sure. I have a clarifying
6 question with the no age or height limit. Would you
7 offer - how do you determine feasibility for them to
8 actually traverse your course into the zip lines?
9 What - what is the criteria that's been used?

10 MR. WRIGHT: So we did discuss this
11 extensively, and I'd be happy to throw some minimums
12 in there, but we feel that the limiting factor is
13 going to be the weight. That anybody who's at least
14 50 pounds is going to be old enough or tall enough to
15 do the ride. That's why we left it blank.

16 MR. FILOROMO: It has to be the size
17 of a person that the harness will accommodate
18 properly. You have to figure that out and add it to
19 this. That is all.

20 CHAIR: Yeah, so I'll - I'll clarify
21 it to my - my friend, the coworker here. So your
22 minimums, height, weight, age, however you determine
23 should be suitable to whatever your safety equipment
24 is. And that will drive what you require as a
25 minimum and maximum standard, all right?

1 So that's all we ask is say add the
2 safety equipment meets these requirements. I - I can
3 - I mean, customers that can fit in these harnesses.
4 If they can, they can ride.

5 MR. DIDOMIZIO: Yeah, that's a great
6 point. I - I just wanted to follow up on Joe. I
7 agree, Joe, because there was only one thing you
8 could measure, and that is height. I can't measure
9 age and I can't measure weight. And I'm sitting on
10 top of there to put a simple mark on a tree would
11 tell you, okay. You're - you're too short to ride
12 this ride. That's why I think that's critically
13 important, the minimum height requirements. Joe,
14 thanks for making - making that stand out.

15 And as far as you as a manufacturer,
16 you got to realize that if somebody does get hurt,
17 this - that they're going to go back and looking at
18 your documentation. They're going to say okay, why
19 didn't you put a minimum on here? Why didn't you say
20 under a certain height, you should be accustomed to,
21 you know. I don't know. The reasons for that are
22 not - so there's, the patron safety, of course, is
23 foremost. But you also have to consider the part and
24 - and the manufacturer. You're sucking up some risk
25 because it's not made clear. You know, it's

1 important to tell the patriots anything that can go
2 wrong. Not that it will, but what to expect those
3 inherent risks to be. So keep that in mind when you
4 - when you reword that patron responsibility placard.
5 Thank you.

6 CHAIR: All right.

7 Any other board members with
8 questions, comments? I see that we have some
9 additional information gathered. Go ahead, Randall.

10 MR. AMDT: I just want to clarify one
11 thing for its location. Are there - the reasons for
12 a modification is there, I might have mentioned
13 before, they're trying to streamline their - their
14 operations which using - using the same harnesses.
15 These harnesses they're using, the kids are using it
16 at their other, on their other attractions there as
17 well. So they're trying to, and it's going to help
18 with their training.

19 So it's part of the problem we've been
20 noticing through the industry with these things that
21 the easier you can train people, and so they'll be
22 trained on - before they had, were using different
23 harnesses at this attraction and different ones at
24 the other one. So they're trying to streamline to
25 make their training easier, and which I feel is much

1 safer along with everything they're doing. So I just
2 wanted to note that there.

3 Then, and that's where it comes back
4 to what I mentioned about not having items in the
5 manual. It would help having besides the manual. So
6 if you could do that, Dan, that - that would be
7 great.

8 CHAIR: All right.

9 So I - with that, I agree with
10 Randall. We appreciate all the time and effort you
11 put in to do those things at your location to make it
12 as safe as you can. We're committed to continuing to
13 work with you to get to a final resolution so you're
14 satisfied and we're satisfied that you're operating
15 as efficiently and safely as you can. And to that
16 end, you don't know that we're going to have the
17 board members offer a motion until we receive some
18 additional information from you. But we're committed
19 to working with you to get that information and work
20 through the details so we can provide that to the
21 board members for their review and consideration.

22 So, if there is no objection from the
23 board members, this is another one that we have some
24 additional information to gather from the applicant
25 to get a complete and accurate application for you to

1 review and consider. Are there any board members
2 that have an issue with this being tabled and moving
3 it forward while we interact with the applicant to
4 get some additional information?

5 MR. WRIGHT: No problem for me.

6 CHAIR: All right.

7 Excellent. Dan, you already know that
8 you're operating today, so this is not going to - the
9 tabling of this discussion today is not going to
10 inhibit you. You can continue. Randall will be in
11 touch with you shortly after the meeting today or
12 tomorrow to get the four corners of heights, at
13 least, you know, institute the height restriction.
14 We understand that you're operating, but for the
15 equipment let's - let's at least get that out of the
16 way initially. And if you look to modify that down
17 the road as whatever you desire to present to the
18 board for consideration.

19 Is there anybody online that we did
20 not hear from yet today before we move on to
21 Adventure Solutions? Go ahead, Dan.

22 MR. WRIGHT: So, just for
23 clarification, we are not operating this ride. We
24 closed it about four months ago to make the
25 modifications. So it may just be a formality, but we

1 - we don't have your permission to use it
2 conditionally.

3 CHAIR: Yep. And that's the
4 conversation you're going to have with Randall after
5 this will determine when and how, right? I think - I
6 think what we're talking about is we'll immediately
7 get on the top harness that you're using for rider
8 comfort and designating a height minimum, right?
9 That - I think that'll get you out the gate to open.
10 And then gathering the rest of the information.
11 We'll go - we'll go from there and get it back to the
12 board.

13 Is that satisfactory, Dan?

14 MR. WRIGHT: Understood. Thank you.

15 CHAIR: Randall, are you all right
16 with that?

17 MR. AMDT: I'm good. And Dan, I'll be
18 in contact. Either I can stop by tomorrow or Friday,
19 so I'll get in touch with you later today and I'll
20 stop out later.

21 CHAIR: If - if you could provide
22 Randall the manufacturer of the top harness and
23 carabiner, or at least the type of carabiner that'll
24 aid us to do some research.

25 Anybody else online before we

1 transition to Adventure Solutions? I'm going to make
2 it easy for you, board members. So I put Adventure
3 Solutions on the agenda to actually illustrate some
4 of the items that we already covered under Treehouse
5 World. Adventure Solutions is not ready for your
6 review. That was never the intent was for you to
7 review and offer an opinion on it, but I wanted to
8 illustrate all of the items that we already discussed
9 under Treehouse. So, you do not have to review or
10 discuss Adventure Solutions at this time. It is an
11 incomplete application. I put it on the agenda so we
12 had items to offer to you for consideration in
13 reference to belay and safety measures. So, it is
14 not currently up for consideration.

15 Is there anybody on this call that
16 wants to discuss Adventure Solutions now to give
17 record or can I add it to a future agenda when it is
18 complete and ready for review?

19 MR. DIDOMIZIO: I - I agree, Walt.
20 Just table it. Bob DiDomizio.

21 CHAIR: Thank you, sir. Seeing nobody
22 else that - we will take it off of this agenda.
23 We'll ensure it's complete, and you have the
24 opportunity to review for a future board meeting. So
25 it is tabled without a decision, there is no

1 recommendation. It is not offered for
2 recommendation. So, this is a large scale indoor and
3 outdoor in Nemaquin, and this has been an ongoing
4 project for the last couple years. So, this is not
5 something you have to worry about that will be
6 operating without your review.

7 With that being said, I'm going to
8 offer board members an opportunity to comment, and
9 then before we go, we'll offer some of our guests.
10 So, this is the time for board members to offer
11 comment or consideration or questions or opinions.

12 Come on, folks. You've been chatting
13 the entire day. Somebody has something to say.

14 MR. DIDOMIZIO: Well, thank you all
15 for allowing us to meet like this and - and talk
16 about these things. I look forward to the time when
17 we can sit face to face or get it scheduled to do so.
18 But I look forward to doing that whenever.

19 CHAIR: Excellent. And we will always
20 take outside of the four corners of the meetings, you
21 are always invited to have conversations with us, to
22 ask for discussions or clarifications. We are here
23 to support you as well as you support us, right? So
24 if there's something you need that we can do for you,
25 whether it's information or you have a suggestion for

1 how we do things better, not just any questions about
2 approval process or our oversight in general. That
3 is part of your charter as advisory board members.
4 That is the reason you were selected, and we
5 appreciate your time, expertise, and experience.

6 Do I have any other board members with
7 comments? If not, I'm going to open it up to Gary
8 Chubb. I'm going to ask Mr. Chubb to come to the
9 microphone, speak and spell his last name. Tell us
10 who he's affiliated with, and make his comments. Mr.
11 Chubb.

12 MR. CHUBB: Thank you, Director
13 Remmert. My name is Gary Chubb, C-H-U-B-B. I
14 represent the PACE Amusement Ride Safety Seminar.
15 PACE Seminar is one of two fall seminars that will be
16 held in Pennsylvania, first one being PACE, the
17 second one being the PA Ride and Safety Seminar which
18 is joined by Mr. Bill Snyder. Both are excellent
19 seminars, and we encourage folks to - that need
20 recertification or new certifications to sign up for
21 one or both.

22 The PACE Seminar is on, going to be on
23 Tuesday, October 29th through Friday, November 1st
24 this year in Bloomsburg, Pennsylvania. The classes
25 will be held at the Bloomsburg University. We will

1 be taking a field trip on Wednesday of the seminar to
2 Knoebel's for a full day of looking at rides at
3 Knoebel's and talking about the - the various
4 idiosyncrasies of the individual rides that we will
5 be looking at.

6 We will offer both 24 hour
7 certifications and 32 hours of certifications. And
8 anybody who's a state PA rides safety certified
9 inspector, okay? Is going to be able to get credits
10 for attending the seminar.

11 The seminar flyer will be coming out
12 very shortly, at which point I hope the bureau will
13 be able to pass on that information that people
14 inquire about fall seminars. That is all I have to
15 offer. Thank you.

16 CHAIR: And in response, because I
17 can. We have received all of the necessary documents
18 for the training curriculum. It has been tentatively
19 approved on receipt. Knowing that about 30 days out,
20 we have an expectation that there will be a
21 confirmation if nothing has changed or if something
22 has changed that the information will be updated so
23 we have the most current information.

24 We will be prepared to offer testing
25 at the seminar if it's requested, and we will be in

1 attendance.

2 MR. CHUBB: Excellent. Thank you very
3 much, and we'll coordinate the potential inspections,
4 or not the inspections. But the testing directly
5 with the bureau. So, super.

6 CHAIR: Okay.

7 Thank you.

8 The time has come. We have completed
9 our agenda and there is no additional conversations
10 or comments to be heard, I'd ask that if a board
11 member has a motion to adjourn, this would be the
12 time to offer.

13 MR. SWIKA: I make a motion for
14 adjournment.

15 CHAIR: Thank you, Mr. Swika.

16 Is there a second?

17 BOARD MEMBER: I'll second it for.

18 CHAIR: And second. I doubt there's
19 any discussion.

20 All those in favor of adjournment,
21 please show by saying aye.

22 (AYES RESPOND)

23 CHAIR: Another excellent meeting.

24 Thank you all for being in attendance.

25 We are adjourned.

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MEETING CONCLUDED AT 12:22 P.M.

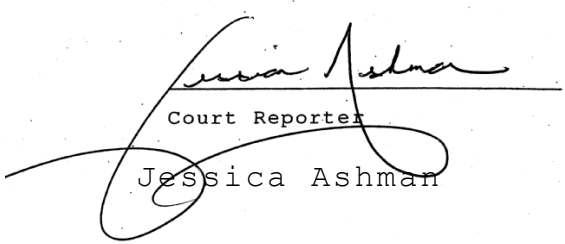
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CERTIFICATE

I hereby certify that the foregoing proceedings,
a meeting held before Direct Remmert, was reported by
me on 6/11/24 and that I, Jessica Ashman, read this
transcript and that I attest that this transcript is
a true and accurate record of the proceeding.

Dated the 25th day of June, 2024



Court Reporter
Jessica Ashman