

BEFORE THE INDIANA DEPARTMENT  
OF ENVIRONMENTAL MANAGEMENT

- - -

PUBLIC HEARING REGARDING  
NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM PERMIT  
CARRIAGE ESTATES WASTEWATER  
TREATMENT PLANT  
PERMIT NO. IN0043273

COPY

PROCEEDINGS

in the above-captioned matter, before Hearing  
Officer Jerry Dittmer, taken before me, Lindy L.  
Meyer, Jr., a Notary Public in and for the State  
of Indiana, County of Shelby, at the William  
Henry Harrison High School Auditorium, 5701 North  
50 West, West Lafayette, Indiana, on Tuesday,  
December 15, 2015 at 6:05 o'clock p.m.

FILED  
JAN - 7 A 8:40  
OFFICE OF  
WATER QUALITY

William F. Daniels, RPR/CP CM d/b/a  
ACCURATE REPORTING OF INDIANA  
12922 Brighton Avenue  
Carmel, Indiana 46032  
(317) 848-0088

1 APPEARANCES:

2 ON BEHALF OF IDEM:

3 Jerry Dittmer  
4 Paul Higginbotham  
5 Paul Novak  
6 Jason House  
7 Dan Goldblatt

8 SPEAKERS PRESENT:

9 Kevin Wiley  
10 Jan Myers  
11 Janet Wiley  
12 Paul Targett  
13 Terry West  
14 Fred Bruner  
15 Furman Smith  
16 Daniel Aliaga  
17 Elaine Sundstrom  
18 Paul Branham

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1 6:05 o'clock p.m.  
2 December 15, 2015

3 THE HEARING OFFICER: Okay. Folks,  
4 it looks like we've got everyone about in and  
5 ready. We'll try and make efficient use of our  
6 time this evening and get started.

7 Will the official reporter designated for  
8 this hearing please stand, raise your right hand  
9 and state your name?

10 (Reporter sworn.)

11 THE HEARING OFFICER: Thank you.

12 My name is Jerry Dittmer. I am the  
13 Section Chief of the Municipal NPDES Permits  
14 Section of the Indiana Department of  
15 Environmental Management's Office of Water  
16 Quality, Permits Branch. I've been appointed by  
17 the Commissioner to act as Hearing Officer in the  
18 public hearing scheduled for this evening.

19 Also with me tonight, seated to my right,  
20 are Paul Higginbotham, he is the Deputy Assistant  
21 Commissioner of the Office of Water Quality; Paul  
22 Novak, who was out front at the table there, he  
23 is the Branch Chief of our Permits Branch; Jason

1 House, sitting to my left, he is the Permit  
2 Manager in the Municipal NPDES Permits Section;  
3 and also at the table outside was Dan Goldblatt,  
4 he is a public information officer with IDEM  
5 Media Relations. He's at the back of the room  
6 now.

7 The purpose of this public hearing is to  
8 give all interested persons an opportunity to  
9 comment on the draft permit renewal for the  
10 Carriage Estates III Wastewater Treatment Plant.  
11 Notice of the time and place of this hearing was  
12 given as required by law in the Lafayette Journal  
13 and Courier, November 13th, 2015.

14 Appearance cards are available for all  
15 those who want to speak on the record in this  
16 matter. If you have not already filled out an  
17 appearance card and wish to speak, please do so  
18 at this time at the registration table. Again,  
19 it would be on your right-hand side as you go out  
20 of the auditorium. Be sure to indicate whether  
21 you are appearing for yourself or on behalf of a  
22 group or organization. Also note the capacity in  
23 which you appear, such as attorney, officer, or

1 authorized spokesperson.

2 Any person who speaks or is represented at  
3 this hearing or who requests notice will be given  
4 written notice of the Commissioner's final  
5 action, including IDEM's response to all comments  
6 submitted.

7 When appearance cards have been completed,  
8 they should be handed to IDEM staff -- which I  
9 think I've got them collected up here now -- and  
10 they will be included in the official record of  
11 this hearing. Both oral and written statements  
12 will be considered and included in the record.  
13 Please hand any written statements that you have  
14 brought to any of the IDEM staff at this hearing  
15 if you wish them included in the record.

16 A written transcript of the hearing will  
17 be made. The transcript and any written  
18 submission will be open for public inspection at  
19 IDEM's Downtown Indianapolis office. A copy will  
20 also be available on IDEM's Web site.

21 Additional written comments not submitted  
22 this evening can be submitted by mail or e-mail,  
23 but must be postmarked or e-mailed no later than

1 December 29th, 2015 to be considered for the  
2 final determination. The mailing address is:  
3 IDEM/OWQ/Municipal NPDES Permits, IGCN Room 1255,  
4 100 North Senate avenue, Indianapolis, Indiana,  
5 46204. Please make that submittal attention to  
6 the Permit Manager, Jason House. The e-mail  
7 address is jahouse@idem.in.gov.

8 The draft permit is available for public  
9 inspection at the Tippecanoe County Health  
10 Department and IDEM's Central Office, Indiana  
11 Government Center North, 100 North Senate Avenue,  
12 Indianapolis, Indiana, from 9:00 a.m. to  
13 4:00 p.m. Monday through Friday, excluding state  
14 holidays.

15 And again, a copy of the draft is also  
16 available on IDEM's Web site. Some copies of the  
17 permit may still be available at the registration  
18 table. Again, it will be on your right-hand side  
19 as you exit the auditorium, on the tables to the  
20 right.

21 At this time, Jason House, the IDEM Permit  
22 Manager for the Carriage Estates III Wastewater  
23 Treatment Plant permit, will provide a brief

1 PowerPoint presentation.

2 MR. HOUSE: As Jerry said, we're here  
3 tonight to discuss the National Pollute Discharge  
4 Elimination System permit for the Carriage  
5 Estates Wastewater Treatment Plant.

6 So, you may question: What is an NPDES  
7 permit? It is a license that permits a facility  
8 to discharge a safe level of substances into  
9 Indiana's waterways, and it specifies the  
10 necessary terms and conditions to protect that  
11 waterway.

12 The NPDES permit contains effluent  
13 limitations, it contains monitoring and reporting  
14 requirements, requirements to keep records,  
15 special conditions about the proper operation and  
16 maintenance of wastewater treatment plants,  
17 standard conditions, and other conditions if  
18 applicable.

19 This particular permit authorizes the  
20 discharge of treated effluent into Indian Creek.  
21 It contains effluent limitations to be applied to  
22 the current facility, which is at the 1.5 MGD,  
23 million gallons per day facility, and a proposed

1 upgrade to four million gallons per day.  
2 Effluent limitations are developed to protect the  
3 receiving water during critical low-flow  
4 conditions.

5           Recently, the USGS updated their low-flow  
6 values for Indian Creek after IDEM's original  
7 evaluation of the proposal in 2013. IDEM has  
8 reviewed this situation and determined that the  
9 change in that low-flow value will not  
10 significantly impact any of the effluent  
11 limitations that are included in the permit, and  
12 IDEM's going to update that evaluation.

13           The parameters that are going to be  
14 monitored in that permit are CBOD, which is the  
15 amount of organic material in there that consumes  
16 oxygen; total suspended solids, or TSS, which is  
17 the amount of solids that are suspend in the  
18 wastewater; the amount of ammonia-nitrogen; the  
19 pH; the dissolved oxygen content; E. Coli  
20 bacteria; phosphorus; and during the interim  
21 period for the 1.5 MGD facility, total residual  
22 chlorine.

23           All NPDES permits have a public process by

1 rule. They are public noticed for a minimum of  
2 30 days to give potentially affected parties an  
3 opportunity to comment. The draft permit is  
4 available for review upon request, and we take  
5 requests for a public hearing or public meetings  
6 on the proposed permit. All of those public  
7 comments are part of the public record and are  
8 considered in IDEM's final decision in the  
9 matter.

10 Another part of the public process, which  
11 we're doing tonight, is a public hearing. Public  
12 hearings are held when there has been a request  
13 and when it's deemed appropriate by IDEM. A  
14 public hearing is a forum where interested  
15 parties can provide comments for the public  
16 record, but IDEM does not formally respond during  
17 the event. A transcript will be developed, and  
18 all of those comments will be part of the public  
19 record and used in the development of a final  
20 determination on the permit.

21 All concerns and comments within the  
22 authority of the NPDES permit program received  
23 during the public notice period will be evaluated

1 and considered. If no changes are warranted due  
2 to the comments, the permit will be issued to the  
3 applicant. However, if information is received  
4 that the proposal is in conflict with the  
5 applicable statutes or rules, the NPDES permit  
6 may be denied. If major adjustments need to be  
7 made due to the comments, the NPDES permit may be  
8 placed on an additional 30-day public comment  
9 period.

10 All of our final agency actions are  
11 subject to appeal 18 days after the agency  
12 decisions. Any aggrieved party may file a  
13 petition with the Office of Environmental  
14 Adjudication for a review from an Administrative  
15 Law Judge. The information on the appeal  
16 procedures will be contained in the final agency  
17 decision.

18 Here is just a brief time line of the  
19 agency's actions on this particular matter. In  
20 2013, we received a request for effluent  
21 limitations for a potential upgrade to the  
22 facility. We completed an analysis and  
23 determined applicable effluent limits for a

1 facility upgrade to 6.8 MGD.

2 We sent those preliminary effluent  
3 limitations back to the consultant, and in  
4 early 2014, they -- Lakeland InnovaTech and  
5 American Suburban Utilities submitted an  
6 application for construction approval from IDEM,  
7 and in February, that construction approval was  
8 issued for a 4-MGD facility.

9 In March of 2014, the construction  
10 approval was appealed for administrative review,  
11 and that process is still ongoing.

12 In August of 2015, American Suburban  
13 Utilities applied for renewal of the NPDES  
14 permit, including the proposed upgrade of the  
15 facility. We drafted an NPDES permit and placed  
16 that on public notice, received several comments  
17 and requests for public hearing, decided to  
18 conduct the public hearing, and public noticed  
19 the intent of the public hearing in November.

20 Here is some permit information. The  
21 draft permit is available locally at the  
22 Tippecanoe County Health Department at 20 North  
23 3rd Street in Lafayette; at IDEM's Central

1 Office; on IDEM's Web site at the address above.

2 Comments can be submitted to me until  
3 December 29th via e-mail or via mail at the  
4 address above, and we'll leave this slide up  
5 there for you guys to copy down.

6 And that will conclude my presentation.

7 THE HEARING OFFICER: Thank you,  
8 Jason.

9 In consideration of everyone present, we  
10 are asking you to keep your comments to five  
11 minutes or less. Comments should be directed to  
12 the substance of the proposed NPDES permit.

13 IDEM staff will not be formally responding  
14 to the testimony tonight. All comments received  
15 will be formally responded to in writing after  
16 the comment period is over. I would also ask all  
17 speakers to first clearly state and spell your  
18 full name for the official reporter before  
19 providing your testimony.

20 So, at this time, I would like to call  
21 Mr. Kevin Wiley.

22 MR. WILEY: Thank you. My name is  
23 Kevin Wiley, W i l e y. I am a spokesperson for

1 PICE, Protecting Indiana Creek's Environment, a  
2 group formed here in West Lafayette. We say  
3 thank you to IDEM for arranging this hearing, and  
4 all of you for coming this evening.

5 We are concerned about the permit renewal  
6 on a number of fronts, and we obviously are not  
7 going to belabor it. We are asking people, if  
8 they want the PowerPoint in totality, to put an  
9 asterisk back on the sheet where they registered  
10 for this event.

11 The energy plant in Carriage Estates is in  
12 a residential area. The plant was never meant to  
13 be permitted. Indian Creek runs dry with  
14 frequency in the winter and summer. It has an  
15 overall negative environmental impact.  
16 Antidegradation, we believe, is still an issue,  
17 and we're respectful of all things that have been  
18 done. There are questions about effluent  
19 discharge, the water coming out of the plant into  
20 that creek.

21 First, let's start with the residential  
22 area. We would encourage people here to go out  
23 and see this plant, the four large -- the vast

1 processing plant currently under construction,  
2 off 400 West Highway 52, in the western part of  
3 the county. We know that a lot of people -- for  
4 people, a picture is worth a thousand words, so  
5 we encourage them to go out that direction, and  
6 we provide direction as needed.

7 We're here to protect the six-mile-long  
8 Indian Creek, a beautiful creek, currently where  
9 dogs and animals and people no longer play. This  
10 has been an issue for some time, and with this  
11 increase as projected, we believe this plant will  
12 be a further degradation of the area, and an  
13 absolute problem for all residents, the 2500 in  
14 the area currently served.

15 Why was it never meant to be permitted?  
16 Our forefathers, you know, were not stupid. In  
17 1966 there was an agreement to abandon a  
18 connected West Lafayette sanitary sewer system  
19 when available March 29th. This was done by the  
20 then Stream Pollution Control Board.

21 On December 19th of 1973, there was an  
22 agreement to incorporate this into any government  
23 district that may be formed. In the mid-1980's,

1 there was provision to abandon the facility when  
2 alternative municipal facilities became  
3 available, included in all of the correspondence  
4 at that time.

5 This was the time when IDEM was formed.  
6 We recognize that, but there is a huge historical  
7 reference here, and we have about a 30-page  
8 speech we can send you on this that documents  
9 this. What we are asking for this evening is  
10 common sense and a recognition of history.

11 Should we not look to alternatives now  
12 rather than risk further harm to our environment  
13 by improper location? Not granting the permit  
14 renewal signals that you recognize the negative  
15 environmental impact of the location of the  
16 Carriage Estates Wastewater Treatment Plant and  
17 the potential dangers therein.

18 The problem of effluent pollution -- and  
19 we want to be fair to all parties this evening:  
20 IDEM, American Suburban, and most importantly,  
21 these citizens here, many of whom know the  
22 environment better than I. It is difficult to  
23 control envir -- effluent pollutants a hundred

1 percent of the time.

2 All facilities run into problems with  
3 excess inflow, instrumentation, acts of nature  
4 over time. Hazard increases in waterways and  
5 aquatic life therein if effluent is not diluted.  
6 When we talk about the dryness of this creek,  
7 you're going to understand why we are so  
8 concerned. Indian Creek runs dry for long  
9 periods every year, summer and winter.

10 It has a negative impact on the area.  
11 ASU's maintenance issues resulted in a major fish  
12 kill in 2013. Failure to draw treatment back  
13 resulted in raw sewage entering the creek for a  
14 prolonged period of time, causing a problem to  
15 residents playing in the creek, a recreational  
16 waterway. It did result in an IDEM fine. One of  
17 the presenters this evening who can't be here,  
18 Susan Rowe, was involved in that.

19 Eroding away of land from property  
20 adjoining the creek and opposite of the plant due  
21 to the force of effluent release is an issue.  
22 More is to come if this plant to expected to  
23 expand the way it is set up now. It has already

1 affected wildlife.

2 Permeable ground directly over the major  
3 water source, the Teays Aquifer. For those who  
4 don't know what aquifers are, I'm not going to  
5 belabor it here, but the Teays River is obviously  
6 in the Midwest. We all know what's going on in  
7 the Western United States, and this expansion  
8 greatly increases risk to that aquifer. None of  
9 us should be confused about that.

10 The creek allows 50 -- up to 50 percent of  
11 the effluent to sink into the ground during dry  
12 periods. It is difficult to clean spill results,  
13 and about impossible if it soaks into the aquifer  
14 and pollutes the many private wells downstream.  
15 The very subdivision behind Moss Creek where I  
16 live -- I live adjoining Carriage Estates -- is  
17 on wells. The people there are some of the  
18 petitioners in this issue with us, because they  
19 can't even go in the creek. Nobody does. It's  
20 over.

21 The antidegradation, we saw some of the  
22 information previously, preventing degradation of  
23 the environment. We know there was no formal

1 study done for 20 years prior to awarding this  
2 expansion. That's the information we have.

3 ASU has set it at the lower limits so they  
4 can do -- put pollutants in their effluent  
5 instead, but there is no proof that these four  
6 large chemical reactors, batch plants, can  
7 provide these limits. Who knows if they're going  
8 to provide the limits?

9 What happens if they cannot be reached in  
10 an expanded plant as projected? Should not more  
11 modern technologies be considered, or even  
12 better, not approve the expansion and operating  
13 permit until other options can be explored? This  
14 would be one of the largest batch plants in  
15 Indiana under the current plan. Under future  
16 plans, it could be one of the largest in the  
17 nation, or in that range. Denying renewal of an  
18 operating permit now until options can be more  
19 fully evaluated is the only conscientious thing  
20 to do, in our view.

21 There are questions regarding effluent  
22 discharge. Doubling of low flow from previous .5  
23 feet per second to .1 [sic], is -- we believe it

1 should be zero flow, and I don't know what the  
2 final result is, but we've had some discussions  
3 with that.

4 To give you an idea of low flow, from  
5 September 18th and 19th, 2015, our area received  
6 between two to four inches of rain. By Sunday  
7 night, the 27th, Indian Creek was again dry.  
8 That's how fast it dries down; okay? Imagine  
9 from the other side. The geology of the creek  
10 bed resulting from penetration in the subsoil is  
11 definitely at risk.

12 What about effluent limitations from  
13 mercury required by other processing plants? Is  
14 IDEM required to test for mercury in the current  
15 effluent to see if there's a problem before  
16 considering renewal? That's just a question.

17 Indian Creek is rated for full-body  
18 contact, a swimming area. It can support a  
19 well-balanced warm water aquatic community. How  
20 can this requirement be maintained with the  
21 increase in pollutants flowing into a dry creek  
22 bed? Nobody's going to be swimming in this.

23 What evaluation has been done to show that

1 this rating is sustainable with proposed  
2 increased flow and therefore greater potential  
3 for release of pollutants into the water? This  
4 should be a matter of public record and available  
5 for residents prior to making a decision on  
6 awarding the permit.

7 Our additional concerns. Whole fluid  
8 toxicity testing requirements need to be more  
9 frequent. Toxic chemicals are being discharged  
10 into raw waste, and individual residents and  
11 future medical facilities are coming right down  
12 the road. Chemical discharge needs to be more  
13 closely monitored. This becomes more critical as  
14 business and industry moves into the area west  
15 of 231.

16 The current required CBOD, carbon  
17 biological oxygen -- biological opacity, and  
18 additional ammonia, takes approximately six days  
19 to complete, and we think this is a major issue.  
20 Six days the pollutant is already in Indian Creek  
21 and in the Wabash River before a problem can be  
22 identified. Minimal effluent because of this  
23 low-flow creek makes this a critical problem.

1 So, if there is a problem, it is simply too late.

2 Now, let's talk about low flow. We want  
3 to make our waterway safe. We depend on you,  
4 IDEM. We also need to depend on each other. We  
5 need more public involvement. We need our folks  
6 talking to their state representatives. We need  
7 better communications. We need to work with the  
8 current vendor or any future vendors.

9 Construction decisions that have this  
10 magnitude of impact on water issues need to be  
11 made, though, by a group of individuals with a  
12 very diverse expertise and experiences. No one  
13 or two people, regardless of who they are, should  
14 make them for a utility that is depended upon by  
15 thousands of people and growing fast.

16 There needs to be an oversight board to  
17 review all proposed expansion and operating plans  
18 prior to review by state agencies.

19 THE HEARING OFFICER: Mr. Wiley,  
20 you're substantially over your time.

21 MR. WILEY: I'm sorry.

22 THE HEARING OFFICER: Please wrap up  
23 your comments.

1 MR. WILEY: I'll wrap up real quick;  
2 okay?

3 We feel a sewer ban should be imposed by  
4 IDEM to allow time to step back, review and  
5 evaluate all possible solutions to this major  
6 issue.

7 Thank you very much, and we appreciate the  
8 opportunity.

9 (Applause.)

10 THE HEARING OFFICER: At this time,  
11 I'd like to call Ms. Jan Myers.

12 MR. HIGGINBOTHAM: You can use that  
13 hand-held one there.

14 MS. MYERS: Okay. Jan Myers. Myers  
15 is spilled M y e r s. Am I up to the mike close  
16 enough for everybody now? Okay.

17 I bring a perspective of being a neighbor,  
18 the immediate neighbor, to the ASU plant and  
19 wellhead since 1976. In those days, there were  
20 weasels and beavers playing in the Indian Creek.  
21 Yes, it would go dry, and it always has gone dry  
22 in the many decades I can talk about.

23 The specific reason that that plant was

1 built is for Carriage Estates, which at that time  
2 was fewer than 20 homes, two families,  
3 particularly the Fargos, who owned the farms in  
4 that area, started the development. In fact, we  
5 bought our first acreage and built our land -- or  
6 our home on Ridgeway Drive. In fact, we named  
7 Ridgeway Drive. That's how far back our history  
8 goes, and knowing the plant.

9 At that time, when you look at the  
10 geology -- and you can still do so right now; you  
11 can check with Purdue's geology classes. They  
12 use the Carriage Estates location as an example,  
13 at least in this county, where -- and I will give  
14 you a copy of a Google map.

15 The Carriage Estates street, and that is  
16 called Driver Lane, it makes a big U around 400  
17 West, surrounds the bedrock that is so close to  
18 the surface, none of the houses on the inside of  
19 the U can even have basements, unless they were  
20 to dynamite them. I mean we're talking bedrock  
21 about two feet down -- two yards down, less than  
22 six feet.

23 On the opposite side of the street, the

1 bedrock falls away to some hundreds of feet of  
2 glacial till. It was not going to be possible to  
3 develop Carriage Estates unless they created --  
4 and this was back when the Department of Health  
5 and other people controlled things, back in the  
6 '60's -- allowed the ASU plant -- where it's  
7 built, it included a water company and the  
8 treatment plant. It was all designed, in size,  
9 for 20 homes. That was always what it was  
10 designed for. Now I believe we're talking two to  
11 three thousand homes, including industry and so  
12 forth. It's on the same location.

13           Between my husband and I, we own -- or  
14 have owned and sold part of it now -- about 22  
15 acres, give or take a fraction. On that land, we  
16 have planted 29 species of native trees, so when  
17 you look at the Google map, it looks like a lot  
18 of greenery, because of what we did.

19           That forest -- and we have sold our home  
20 because of my round feet -- for the record, that  
21 means wheelchair, incidentally -- could no longer  
22 walk down the steps in our home. So, we have  
23 moved into the incorporated area of West

1   Lafayette. We still own part of our forest. It  
2   is being raised because that was the best thing  
3   to do with the land. It was no longer reasonable  
4   to have a farm -- or bring planters and  
5   harvesters into a subdivision.

6           So, on that acreage, with the 14,000 trees  
7   plus we planted, and over half of those by hand,  
8   long before I had round feet, incidentally, we  
9   know that land well. The district -- or the  
10   state forester also knew it very well, and would  
11   invite a new -- we welcomed visitors, both  
12   nationwide and internationally.

13           We have had visitors there from Oregon,  
14   Germany, and been written up, because that part,  
15   or that side of Indian Creek, was a glacial till  
16   that's produced the fastest growing trees in the  
17   state. It exceeds the growth they get in the  
18   state nursery. So, when my -- the previous  
19   person spoke of how fast the water moves or  
20   disappears, I'll call it, that is very, very  
21   true.

22           Our former home is on a well. Everyone on  
23   Ridgeway Drive is on a well. We cross -- the

1 only way to get to the homes on Ridgeway Drive is  
2 by a farmer's bridge. Go look at it. It's  
3 wooden. The last time Mr. Rhodes was allowed to  
4 expand, he did damage to the bridge. He also got  
5 permission from you people to build or expand the  
6 plant at that time. Yet there are lines that  
7 were pipelines that would be underground. Some  
8 of them 24, some of them 36 inches deep.

9           What did he do with his own construction  
10 company when he built it? He put them on the top  
11 of the soil, in the flood plain. We happened to  
12 notice this because all of the sudden, county  
13 trucks were coming and depositing extra soil that  
14 they had from highways. We quickly contacted the  
15 county about it. They said, "Well, we were asked  
16 to leave it there. He needs it."

17           He filled the flood plain over these  
18 pipes, so the pipes were under now the newly  
19 planted -- arriving soil. He would not allow the  
20 county back onto his property to remove the soil.  
21 The county wanted to do so. Because he filled  
22 the flood plain, DNR came in, had to remap  
23 things -- you can check with DNR reports on

1 this -- and told him that he had to build a new  
2 bridge before he got anymore construction. I see  
3 no new bridge there. I hear no comments about  
4 the new bridge being required.

5 We had some neighbors to the west around  
6 the year 2000 who found differences in the  
7 surveys that came in of 300 West -- or 500 West  
8 beforehand. Because of this, that affected our  
9 land, it affected ASU's land, because we now  
10 owned all of the -- or did own all of the land  
11 south of the plant and all of the land west of  
12 the plant, and three of the four sides of their  
13 wellhead.

14 The problem with the surveys was finally  
15 settled before Judge Bush, with a legal survey,  
16 and if you know what that means, every  
17 surrounding property owner everywhere gets all of  
18 these -- well, they're certified and registered,  
19 the ones you have to sign for.

20 Anyway, that included Mr. Rhodes and ASU.  
21 He said he had no easements on any of the  
22 property, that included our property, and yet he  
23 had earlier told me -- or made jokes about how

1 much he thought it was a waste to grow trees on  
2 our land.

3 I found out when I went out to check my  
4 property here in the last couple of months that  
5 he had been digging on my land and removing major  
6 trees, removed hundreds of trees, removed all of  
7 the timber involved, which means 75-year-old  
8 maple trees and all of their timber are gone. No  
9 comment to me, or no answer from my attorney on  
10 it. Just gone, and you can see where he dug  
11 straight onto his property. There was little  
12 doubt as to what was going on.

13 I ask you to very much consider the  
14 wellhead protection. Supposedly his earlier  
15 water company, which he has sold, was to have  
16 done a wellhead protection plan. I was with the  
17 Chamber of Commerce, an active member, and  
18 chaired their water and drainage board.

19 When we did wellhead protection for West  
20 Lafayette, Purdue, the county and so forth, we  
21 all met in public meetings and took part in  
22 those. Mr. Rhodes nor ASU never showed up. We  
23 do not know what they did on wellhead protection.

1 We should know, if he did the study and plan  
2 properly, that his plant sits on a recharge area  
3 locally, as well as the Teays.

4 As a resident in the incorporated area of  
5 West Lafayette, I am concerned this plant could  
6 be, in light of what I know of the West Lafayette  
7 drainage pattern, about to contaminate my own  
8 water in West Lafayette. We are not talking  
9 about a couple hundred feet from this plant; we  
10 are talking thousands of feet of travel time.

11 THE HEARING OFFICER: Ms. Myers,  
12 you're also --

13 MS. MYERS: Yes.

14 THE HEARING OFFICER: -- quite a bit  
15 over your time --

16 MS. MYERS: Yes.

17 THE HEARING OFFICER: -- so, please  
18 summarize your remarks.

19 MS. MYERS: So, I ask you to consider  
20 very carefully this company, its permit, and any  
21 expansion. This was originally designed, the  
22 location selected, for 20 homes, and that was  
23 what was approved, and it stayed approved for

1 decades. It's gone through three owners. In  
2 fact, I was asked by ASU when it was owned by  
3 United -- or Utility Center of Fort Wayne -- to  
4 buy it. This particular owner did not buy the  
5 company, because that would require public  
6 disclosure. He bought the shares of stock.

7 I could go on and on on things that  
8 concern me about the antics of them, but I thank  
9 you for your extra time.

10 THE HEARING OFFICER: Thank you.

11 (Applause.)

12 THE HEARING OFFICER: At this time, I  
13 would like to call Ms. Janet Wiley.

14 MS. WILEY: Hi. My name's Janet  
15 Wiley, W i l e y. I live in Moss Creek, which is  
16 a subdivision that's adjoining to the Carriage  
17 Estates Wastewater Treatment Plant. I'm a  
18 homeowner and a customer of ASU.

19 Just a little bit -- I've -- we've lived  
20 in that subdivision five years. My husband, I,  
21 my dog, and my kids, when they come home, we love  
22 to do activities outside. One thing, which --  
23 since we've lived there, there's been a constant

1 drone of noise that's coming from the plant, and  
2 as I see it, this expansion, if that were to  
3 happen, that that noise level would continue to  
4 increase.

5 I want to comment regarding the plant  
6 expansion at the current site. Not just the  
7 noise issue, but the heavy truck traffic on  
8 construction now, and more importantly, including  
9 the hauling the sludge from open beds to clear  
10 them at the site for weeks on end, several times  
11 per year. This will only be worse in the years  
12 ahead, and we are getting info that up to 88  
13 truckloads of sludge per day will be running  
14 through the neighborhood of our good friends next  
15 door in Carriage Estates.

16 The nearby road, 400 West, is already  
17 getting dangerous with the traffic. This will  
18 compound it. There is no other access except  
19 through the neighborhood and over a one-lane  
20 bridge, which is quite absurd if you could see  
21 what this bridge looks like, as Jan had noted.

22 The current situation of the noise and  
23 smell and the very location of this plant is

1 already affecting property values because of the  
2 environmental impact long-term, and the sale of  
3 property in the area, which we have been told by  
4 realtors.

5           Are there other residential areas in our  
6 fine state that would stand for this kind of  
7 sludge traffic from four dangerous, old-style  
8 batch chemical reactors in their own  
9 neighborhood? This entire matter is ill advised  
10 at this time, and area citizens are growing  
11 increasingly alarmed, as you can see tonight.  
12 That is why a sewer ban on the site seems so very  
13 necessary so that we can step back and consider  
14 all options, as previously outlined.

15           Higher technology plant options at the  
16 site, other than the current batch, could help  
17 some, but we believe an actual relocation to  
18 other viable sites closer to the Wabash River, or  
19 elsewhere, possibly, involving other  
20 environmentally -- other municipalities seems to  
21 be the only real option that makes good common  
22 sense.

23           There is no real reason to continue

1 environmentally degrading our area when so many  
2 other options are within reach for all parties  
3 involved. Twenty-five other neighborhoods, many  
4 of whom are represented here tonight in our area,  
5 are served by this facility, and growing -- and a  
6 growing possibility of new development coming  
7 quickly.

8 My fellow citizens and IDEM, imagine the  
9 sludge volume and the poor perception of this  
10 lack of planning at this site by all in the years  
11 ahead. Heavy oversight of this vendor monthly  
12 from a well-informed board, regardless of its  
13 location, seems paramount. So, we really implore  
14 you to consider the sewer ban to help us all move  
15 toward another direction.

16 Thank you very much.

17 (Applause.)

18 THE HEARING OFFICER: At this time,  
19 I'd like to call Mr. Paul Targett.

20 MR. TARGETT: Targett. My name is  
21 Paul Targett, T a r g e t t. I'm in Carrington  
22 Estates, not Carriage Estates.

23 I can't say any more than the Wileys have

1 said or Ms. Myers has said. I will just offer  
2 this, to let other people talk. Utilities are a  
3 public interest. They're not a Fortune 500  
4 company, and I think that's what's most important  
5 for people to understand, that if you want to  
6 make this -- if you want to run a Fortune 500  
7 company and make as much money as you possibly  
8 can, that's what you should do.

9 But other utilities have proven that they  
10 can do this, and I know this isn't a rate hike  
11 hearing, it's more about the effluent and  
12 everything like that, but they've talked about  
13 this, and I just feel like I need to get this off  
14 my chest, that these -- these rates are just -- I  
15 mean it can be done cheaper, and American  
16 Suburban is -- I don't believe is running this in  
17 the public interest.

18 Thank you for your time.

19 THE HEARING OFFICER: Thank you.

20 (Applause.)

21 THE HEARING OFFICER: At this time,  
22 I'd like to call Terry West.

23 MR. WEST: Yes, my name's Terry West,

1 W e s t. I live in Capilano by the Lake, which  
2 is a subdivision adjacent to the treatment plant.  
3 I've lived there for 22 years, and over that  
4 period of time, we had our sewage taken care of  
5 by the treatment plant.

6 I'm also a geology professor at Purdue  
7 University, and I use this as a site to talk  
8 about the high level of bedrock surface througho  
9 there. The siltstone comes within a few feet of  
10 the ground surface. It's kind of a unique place  
11 in the county, and is probably one of the poorest  
12 locations you'd want to be able to have a sewage  
13 treatment plant.

14 As we've noticed before, it was when  
15 Carriage Estates had all of their problems in the  
16 construction. They couldn't put in basements,  
17 they couldn't put in septic tanks, they were  
18 limited in what they could do because of the  
19 bedrock high there, and that is why the Carriage  
20 project became into being, because they had to  
21 treat the sewage in some fashion because they  
22 couldn't use septic tanks there.

23 It was kind of a unique situation that was



1 I'd like to call Mr. Fred Bruner.

2 MR. BRUNER: I'm Fred Bruner,  
3 B r u n e r, and I'm a resident of Harrison  
4 Highland.

5 I, too, like the other gentleman, want to  
6 talk in terms of maybe the rate hike, if I could  
7 do that here. I'm a retired teacher, and if this  
8 thing goes close to \$100, it's -- I mean it's  
9 nearly impossible. It's crazy. I've only got a  
10 limited income.

11 I've heard other people talk about the  
12 possibility of trying to sell their homes one  
13 day. Can you gentlemen see what would happen  
14 when somebody would want to come up and buy my  
15 home and find out that they'd have to pay close  
16 to \$100 to relieve themselves? They're not going  
17 to want to buy that house. I mean it's crazy,  
18 again.

19 One other thing: Why can't the rate of  
20 the sewage be based on our water usage? Why is  
21 it this flat forty-seven fifty, going up close to  
22 ninety-three something? I don't understand that.  
23 Why can't it be based on water usage?

1 Thank you, gentlemen.

2 (Applause.)

3 THE HEARING OFFICER: At this time,  
4 I'd like to call Furman Smith.

5 MR. SMITH: My name is Furman Smith,  
6 S m i t h. I'm used to this issue since 1974;  
7 okay? And I live in Big Oak development; okay?  
8 This makes it a little hard, because what I  
9 wanted to say has already been said, and I really  
10 don't want to repeat it, so I'll skip around a  
11 little bit.

12 But this has been a hard presentation to  
13 develop, because trying to work with ASU and  
14 their information, there's -- it's not very  
15 accurate. There's a lot of problems with it, and  
16 I'll explain what some of these problems are.  
17 And it's really a shame that -- you know, that  
18 they can't produce accurate information.

19 The approach that I'm using -- and I'm  
20 also a member of the PICE organization -- is that  
21 we're trying to look at this from an  
22 environmental point of view, from an ethical  
23 point of view, and from a moral approach, and

1 we're also looking at trying to do the right  
2 thing the right way, and look at it from a  
3 long-term point of view, because this expansion  
4 and what we're talking about here does not fit in  
5 any of those rules or guidelines.

6 We've been talking with other people,  
7 because one of the issues on the permit is that  
8 you said that the seven-day, ten-year low flow  
9 numbers actually increase, from -- and double the  
10 flow for the last ten years, and that is --  
11 should not be right. That is -- should be false  
12 information, because like this summer we had very  
13 little rain, and Indian Creek was dry for several  
14 weeks at a time, and I don't understand how you  
15 were able to increase it.

16 And also, we could not find any -- any  
17 flow meters on Indian Creek, which -- well, the  
18 east branch, maybe there's one on the west  
19 branch, which we haven't looked, but we have not  
20 found one.

21 And also, one of issues that has not been  
22 brought up with this very low flow is, is there a  
23 big mixing zone? Because with this kind of low

1 flow, there's really not a mixing zone, and  
2 there's things you have to look at with anything  
3 that's on the outside of the mixing zone, and I  
4 don't know how that's done here. And so -- and  
5 there's some kind of guidelines for that.

6 This expansion going from 1.5 MGD to 4.0  
7 MGD, you know, those are numbers that don't look  
8 like they're all that big, you know, 1.5 to 4 is  
9 not that big, but that's what determines -- you  
10 know, other people don't understand. You know,  
11 1.5 MGD, and if you use a 5,000-gallon truck,  
12 that's 21 trucks a minute that is the flow on  
13 that, for 1.5 MGD, million gallons per day.

14 And if you go up to the 4.0 MGD, the  
15 expansion of that number, it's 55 trucks per  
16 minute. And so, you're looking at a pretty  
17 healthy flow, and the creek is not all that big,  
18 it's a little creek, and I'm not even sure that  
19 some of this water would even fit in the creek,  
20 because even now, the 1.5 MGD, several days of  
21 that flow, it wouldn't be the 3 MGD range. So,  
22 whenever you keep going up, those numbers will  
23 increase. You know, these -- the numbers we're

1 talking about are just, you know, an average type  
2 of numbers.

3 I'm going to skip around, because some of  
4 this has already been brought up. One of the  
5 items in the draft permit is -- the permit says  
6 that the expanded plant will be a parallel  
7 facility to the existing plant, and after talking  
8 to people from IDEM and looking at what they're  
9 doing, that is not the case. They're planning to  
10 use some of the existing tankage for this  
11 expansion, and so that's one thing that's in the  
12 permit that is not being complied with.

13 One other item that isn't in the permit --  
14 the language is a little bit soft -- is that  
15 whenever you're expanding -- in the middle of a  
16 major expansion, all of the different components,  
17 all of this expansion and the operation, should  
18 not all be controlled by a single person.

19 And, you know, that includes plant design,  
20 plant construction, plant operation, plant -- the  
21 laboratories, and the financing, because when  
22 that happens, you know, you can see the  
23 consequences. The rates go up from forty-seven

1 fifty up to, you know, between eighty to a  
2 hundred -- to ninety-three dollars. There is no  
3 control.

4           So, one -- one of the big areas I'm really  
5 concerned about that we've talked about twice is  
6 the ground water recharge. You know, we can't  
7 really seem to get to first base on that. First  
8 of all, we can't find anyone that has the  
9 responsibility to look or monitor what they're --  
10 what is going on.

11           You know, I've talked to different groups  
12 within IDEM, and they say, "Well, that's not my  
13 job, I have this job," or "I have the permit," or  
14 "I have construction." You know, ASU themselves,  
15 you know, their responsibility is just the plant  
16 site and treatment of waste. Once it hits the  
17 stream, it's not their job.

18           We've asked around in the county, you  
19 know, who looked at that, and we haven't found  
20 anyone yet, or they -- you know, we can't find  
21 anyone that will stand up and say, "Yes." You  
22 know, that's my area, and so that is a real  
23 problem -- real problem.

1           One of the issues we're trying to deal  
2 with with this total project, especially in the  
3 county, is that there's no one we've found in the  
4 county that has any authority or responsibility  
5 toward ASU, and there are several of them that  
6 didn't even know ASU was expansion -- was  
7 planning to expand until we told them so, and  
8 then -- and now we try to give them a call, and  
9 they won't even return the phone call.

10           So, there is -- there's no one here, and  
11 so, the only one that ASU appears to respond --  
12 report to is IDEM, and I -- you know, IDEM's  
13 response, to my understanding, is that the agency  
14 develops the permits and enforces them, but does  
15 not help run the operation itself. You know,  
16 that's a big gap, and I don't know how you guys  
17 address it, but that needs to be addressed.

18           One of the big issues that I have with --  
19 with IDEM right now is their lack of enforcement  
20 of some of the reporting requirements. And one  
21 example I'll give you, which I think is  
22 deplorable, is that the effluent flow -- effluent  
23 flow meter compliance. It has been not

1 operational for 18 months, not 18 days, back when  
2 we were in -- when it was down to one or two  
3 days, you know, and we'd have to get on it.

4           It's 18 months, and that measures flow,  
5 but it also -- when you do the mathematics, that  
6 also includes the pounds of these pollutants that  
7 you put up there on the chart, but you get the  
8 concentration times flow times your factor of  
9 one, two, three, four, five, and it's supposed to  
10 be so many pounds per day. And so, there's no  
11 excuse to go 18 months.

12           And then to go to the next step, they fill  
13 out their monthly report, and then they send it  
14 to you, and so they give estimated flow, and I'm  
15 not quite sure how they -- for a while they used  
16 the influent flow as the effluent flow, and --  
17 but now, in the last six months, the influent  
18 flow meter is down and not in operation.

19           And so, they still show flow, and I don't  
20 know how it's done, because there's no way that I  
21 know to do it, and -- but that data that they  
22 submit, it just -- you know, the accuracy is not  
23 right. It's bad. And, of course, these -- these



1 you wrap up your comments?

2 MR. SMITH: Yes, I'm right at the  
3 last thing. And so, to me, that seems to be the  
4 likely -- it seems to be the only practical  
5 solution here, to find a new location for the  
6 plant, or a new home. And there are some options  
7 available.

8 I thank you for your time.

9 THE HEARING OFFICER: Thank you.

10 (Applause.)

11 THE HEARING OFFICER: At this time,  
12 I'd like to call Mr. Daniel Aliaga. I'm sorry if  
13 I mispronounced your name.

14 MR. ALIAGA: Yes, my name is Daniel  
15 Aliaga, A l i a g a. So, I live in Black Forest,  
16 one of the subdivisions adjacent to ASU. We  
17 moved here back to West Lafayette about 12 years  
18 ago. My kids were born here, so they're now  
19 seven and nine, so I think -- I'm a local  
20 concerned citizen.

21 And I've been involved -- I've been  
22 concerned and involved with PICE now since the  
23 beginning, and I contribute what I can in our

1 busy lives with time and funds to help with this  
2 concern of ours. And I'm a Purdue professor, and  
3 in fact, I work in planning and designing, and  
4 have had experience with projects in geology and  
5 draughts and weather, urban traffic and so forth.

6 And in all of these -- in all of these  
7 other cities that I've been exposed to, there was  
8 always an over -- a committee oversight or some  
9 kind of a committee which regulates both what the  
10 citizens do and what the services also do.

11 So, in this case, it seems quite obvious  
12 there is a company, they're willing -- they're  
13 wanting to expand, and -- but it seems clear from  
14 the facts that the citizens, the neighboring  
15 citizens and the citizens at large, are -- don't  
16 seem to have access to the information that -- or  
17 at least valid and correct information -- that is  
18 claimed to be given for this process.

19 There is different claims going back and  
20 forth about -- I don't mean to claim in a legal  
21 sense. I should say statements about facts about  
22 river water -- creek water, excuse me -- effluent  
23 flow, and this -- all of this information should

1 be consistent and publicly available, and we  
2 should be able to all look at it and come to a  
3 very common conclusion, and it seems here that's  
4 not what's being done.

5           And perhaps -- well, I understand IDEM is  
6 trying to help out as best as possible, but it  
7 doesn't seem the case that ASU is trying to help  
8 as best as possible. So, it seems like to be  
9 able to go forward here, we need everybody to put  
10 their cards on the table and we come to a way of  
11 growing the ASU in a way that's appropriate, both  
12 for the concerned citizens locally and for the  
13 wastewater treatment plant.

14           So, just trying to move forward and not  
15 backwards, it would seem like that is the best  
16 way to go, and I would implore that we explore  
17 that option, to try and come up with a way, a  
18 mechanism, that regulates what the citizens want  
19 as well as what the company, in this case, ASU,  
20 is doing.

21           No single person that was mentioned  
22 previously can supervise all of this in the name  
23 of everybody else. It should be some group or

1 committee which ensures and enforces that ASU  
2 complies with whatever limitation is imposed by  
3 IDEM, and then, of course, looks at what the  
4 concerned citizens are demanding, and making sure  
5 what they demand is also reasonable.

6 I think, in our case, we understand  
7 there's a need for growth, we understand there's  
8 a need of our community growing, and that's  
9 wonderful, and therefore, we should plan for this  
10 growth in a sustainable way, and not some ad hoc  
11 decisions that don't seem to be founded on proper  
12 facts.

13 Thank you for your time.

14 THE HEARING OFFICER: Thank you.

15 (Applause.)

16 THE HEARING OFFICER: I have no other  
17 appearance cards. Is there anyone else who would  
18 like to testify on this proposed permit?

19 I have a person in the back.

20 MS. SUNDSTROM: Hi. I am Elaine  
21 Sundstrom, S u n d s t r o m. I live on Riley  
22 Lane in Carriage Estates, and I just wanted to  
23 kind of agree with -- reiterate some of the

1 concerns that I've had even since I moved to the  
2 area in 2007.

3 One of the things that I first noticed  
4 when I moved into Carriage Estates was if I had  
5 my windows open in the evening, I was like, "Who  
6 is idling their semi-truck all night long?" And  
7 it was something from ASU, a diesel generator or  
8 something, that does something, I think, when it  
9 rains a lot.

10 So, I don't exactly know what the function  
11 of that is, but as far as like the noise level,  
12 that is something if I had my windows open at  
13 night, it would sound like somebody was running a  
14 diesel engine, a semi sitting out in the street  
15 not too far from my house all night long, which  
16 was aggravating.

17 I am concerned -- I do want to just second  
18 my concerns about the water aquifers in the area.  
19 I don't have a well, but I certainly am concerned  
20 about people who do have wells, and the amount of  
21 discharge and effluent that's ending up in the  
22 aquifer. I definitely notice the smell. I would  
23 say I'm probably 400 meters from the actual

1 treatment plant as far as where my house is  
2 located, and I smell either sewage or I smell a  
3 strong chlorine smell on a regular basis, either  
4 when it's really dry or when it's really wet in  
5 those areas.

6 I walk my dogs in the area. I do not let  
7 them in the pond -- or in the creek, because the  
8 soil is usually so mucky that it's not worth  
9 letting my dogs into it. It's not free-flowing  
10 enough and there is not -- and this is even above  
11 where the discharge is from ASU.

12 I just don't let them in the creek,  
13 because I'm worried about them getting things  
14 from water that's been standing. And again,  
15 that's been going on since I moved there, so I  
16 have concerns about the flow of Indian Creek.

17 I will be happy to send an e-mail every  
18 day to you, Mr. House, with a picture of the flow  
19 of water in Indian Creek, right above the  
20 discharge pipe, so you can see how low it is and  
21 that there's -- I mean they're not diluting  
22 anything. If anything, the water from the creek  
23 is being diluted into whatever's coming out of

1 the discharge pipes, unless there's been a ton of  
2 rain.

3 And then the last thing would be, again,  
4 I've personally experienced and seen the amount  
5 of feces, toilet paper, hygiene products backed  
6 up into the pasture that is directly across the  
7 creek from the American Suburban facility.

8 The pasture has horses in it that are  
9 trying to eat the grass that's growing there.  
10 That's usually after high rains, but if the  
11 facility that's there right now can't handle the  
12 sewage that they're processing in a high rain,  
13 why should we believe that they're going to do  
14 any better with a larger facility and more  
15 customers?

16 Thank you very much.

17 (Applause.)

18 THE HEARING OFFICER: Is there anyone  
19 else who would like the opportunity to speak  
20 tonight?

21 Sir.

22 MR. BRANHAM: Hi. My name is Paul  
23 Branham, B r a n h a m, and I'm a resident of the

1 Colony Pines neighborhood. I've lived in Colony  
2 Pines for about two and a half years now. I'm a  
3 graduate student at Purdue, and I serve on the  
4 Homeowners Association Board for Colony Pines  
5 with 96 units in our neighborhood.

6 And we had an annual homeowners meeting a  
7 few months ago, and shortly after we received our  
8 notice from American Suburban Utilities that the  
9 proposed rate hike was on the table for approval,  
10 and we had a few dozen homeowners at that meeting  
11 out of the 96 or so, and every single person  
12 there was blown away by the proposal of that.

13 And I know the rate increase is not the  
14 purpose of this meeting. I was unable to attend  
15 the IURC hearing last month due to travel, but I  
16 would just really echo what everyone has said  
17 here tonight. I think that there have been some  
18 very good points made from an environmental  
19 standpoint and also from a consumer standpoint.

20 And I think it's just -- there's got to be  
21 a better way to handle the needs of processing  
22 our wastewater in a way that could be done  
23 ethically, responsibly, and also in a way that's

1 sustainable for the residents who are affected by  
2 this, for the 2,000 or so homes that are -- that  
3 fall in the service area for American Suburban  
4 Utilities. I think there just has to be a better  
5 way than what they're proposing here, something  
6 that we can all agree on.

7 So, thank you for your time.

8 THE HEARING OFFICER: Thank you.

9 (Applause.)

10 THE HEARING OFFICER: Okay. Anyone  
11 else who would like to speak tonight before we  
12 close?

13 (No response.)

14 THE HEARING OFFICER: Okay. Before  
15 concluding the public hearing on the proposed  
16 permit, I want to remind you that the written  
17 comments or e-mailed comments must be postmarked  
18 or e-mailed no later than December 29th, 2015.

19 Also, anyone wishing to receive notice of  
20 the Commissioner's final determination and  
21 response to comments should sign the sheet  
22 provided at the IDEM registration table. Again,  
23 that's the table on the right-hand side as you

1 leave the auditorium, the larger sheet there.

2 This hearing on the draft permit for the  
3 Carriage Estates Wastewater Treatment Plant is  
4 now concluded, and IDEM sincerely thanks all of  
5 those who took the time to attend tonight.

6 Thank you.

7 (Applause.)

8 - - -  
9 Thereupon, the proceedings of  
10 December 15, 2015 were concluded  
11 at 7:14 o'clock p.m.  
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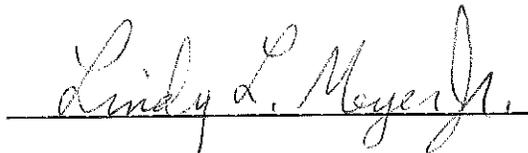
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CERTIFICATE

I, Lindy L. Meyer, Jr., the undersigned Court Reporter and Notary Public residing in the City of Shelbyville, Shelby County, Indiana, do hereby certify that the foregoing is a true and correct transcript of the proceedings taken by me on Tuesday, December 15, 2015 in this matter and transcribed by me.



Lindy L. Meyer, Jr.,  
Notary Public in and  
for the State of Indiana.

My Commission expires October 27, 2016.

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