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ALLEGHENY COUNTY SANITARY AUTHORITY (ALCOSAN)

PUBLIC MEETING

- - - - -

IN RE:

ALCOSAN DRAFT WET  
WEATHER PLAN  
PRESENTATION AND  
PUBLIC COMMENTS

- - - - -

West View Fire Department  
398 Perry Highway  
Pittsburgh, PA 15229  
Thursday; August 30, 2012  
9:30 a.m.

- - - - -

PRESENT: Arletta Scott Williams, Executive  
Director of ALCOSAN and Moderator  
Jan Oliver, Director of  
Regional Conveyance

- - - - -

TRANSCRIPT OF PROCEEDINGS

- - - - -

Reported by:

Cheri A. Redlinger  
Court Reporter

- - - - -

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AGENCY

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P R O C E E D I N G S

- - - - -

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MS. WILLIAMS: Good morning,  
everybody. Welcome to the presentation today.  
I'm Arletta Scott Williams, the executive  
director at ALCOSAN. I trust you are all here  
to hear about our Draft Wet Weather Plan. Does  
everybody have a companion document with them?  
If not, raise your hand. We will bring one to  
you.

We are going to give you a  
presentation outlining what is in that  
document. That document is a brief synopsis of  
what is in our 1,200 page Wet Weather Plan  
which has been released to the public. We're  
in the public comment period. That's why we're  
all here for you to present and to get your  
input. That document will be finalized and  
submitted to the EPA, the Pennsylvania  
Department of Environmental Protection and the  
Allegheny County Health Department in January  
next year.

So as we go through this public  
comment process, we're attempting to get your

1 ARLETTA SCOTT WILLIAMS - LUGENE KEYS

09: 39: 48 2 input to see if there is anything we need to  
09: 39: 52 3 tweak before we prepare that final document.  
09: 39: 54 4 The public comment period runs through  
09: 39: 56 5 October 19. So once you have gone through this  
09: 40: 00 6 session today, if there are people that you  
09: 40: 02 7 feel will benefit from being a part of this  
09: 40: 06 8 process, please encourage them to attend one of  
09: 40: 10 9 the upcoming presentations.

09: 40: 14 10 You should have a schedule in the  
09: 40: 16 11 back of that companion booklet. If not, we  
09: 40: 24 12 will make sure we get those to you as well.  
09: 40: 28 13 Before we get into the presentation, I'm going  
09: 40: 32 14 to ask Lugene Keys to come and give you some  
09: 40: 34 15 housekeeping information.

09: 40: 38 16 MS. KEYS: Good morning, once  
09: 40: 40 17 again. Thank you so much for taking your time  
09: 40: 44 18 to come out to this meeting today. I do want  
09: 40: 44 19 to take just a few minutes to go over a couple  
09: 40: 46 20 of items that we want to bring to your  
09: 40: 48 21 attention, and hopefully I don't reiterate too  
09: 40: 48 22 much of what Arletta said.

09: 40: 52 23 But I want to make sure, first of  
09: 40: 54 24 all, that every one of you should have received  
09: 40: 56 25 a brief questionnaire when you came in and

1 ARLETTA SCOTT WILLIAMS - LUGENE KEYS

09: 40: 58 2 signed up at registration. I would ask if you  
09: 41: 02 3 could take a minute to complete it if you  
09: 41: 02 4 haven't already and take it to the back of the  
09: 41: 04 5 room, and you can drop it off with Nancy. I  
09: 41: 08 6 think it was three questions, and we would like  
09: 41: 10 7 to get that as soon as possible at least before  
09: 41: 12 8 the presentation starts if you have not done  
09: 41: 12 9 that.

09: 41: 16 10 Also, inside of your companion  
09: 41: 18 11 booklet, this booklet was designed to give you  
09: 41: 22 12 a snapshot of what is in that huge Draft Wet  
09: 41: 22 13 Weather Plan to take you through and give you  
09: 41: 26 14 an overview of all of the important sections.  
09: 41: 28 15 There is a lot of good information here, so if  
09: 41: 28 16 you have not received this previously, we hope  
09: 41: 30 17 that you take the time to go through it.

09: 41: 34 18 Inside your booklet, again, is an  
09: 41: 34 19 agenda for today's meeting. You should have  
09: 41: 38 20 your public meeting schedule and all of these  
09: 41: 40 21 items are at the very back page inside of the  
09: 41: 42 22 pocket of your book so that you can see all of  
09: 41: 46 23 the meetings that are scheduled. You can go to  
09: 41: 48 24 any one of those meetings you desire.

09: 41: 48 25 I'll take a minute to point out

1

## LUGENE KEYS

09: 41: 50 2 right now that the last two meetings -- at  
09: 41: 52 3 every one of the public meetings that are being  
09: 41: 54 4 held, we will be receiving public comments  
09: 41: 56 5 orally, written, whatever format you want to  
09: 42: 00 6 present them in.

09: 42: 02 7 The last two meetings, one is  
09: 42: 04 8 October 17th at the Sheraton Station Square and  
09: 42: 06 9 also at ALCOSAN on October 19. At those  
09: 42: 10 10 meetings, we won't have the formal  
09: 42: 12 11 presentation. The time for those meetings will  
09: 42: 14 12 be dedicated to just receiving public comment.

09: 42: 18 13 So if you have written comments, if  
09: 42: 20 14 you want to come and present your comments  
09: 42: 20 15 orally, that would be the last chance effort.  
09: 42: 24 16 That will be the conclusion of the comment  
09: 42: 26 17 period. So those two last days are going to be  
09: 42: 30 18 dedicated to public comment only, but at any  
09: 42: 34 19 one of these meetings you can come and present  
09: 42: 36 20 your comments.

09: 42: 36 21 There is an open house, ALCOSAN'S  
09: 42: 38 22 open house scheduled for September 15, a  
09: 42: 40 23 Saturday. There is a brochure on sewer  
09: 42: 44 24 overflows, and there should be another sheet  
09: 42: 46 25 back there that's entitled "Public Comment

## LUGENE KEYS

Guidelines."

You'll notice we have a board up here that is basically an enlargement of that form that you have in your packet. There is really some key important information there. Just that we ask as a courtesy to people when they're presenting their comments if we don't have any distractions during their comments so that everyone can hear what's being said, and it's also important so that the stenographer can capture that information accurately.

There is a three-minute time limit for the comments. I'll be the timekeeper so when you're two minutes into your comments, I'll hold up a sign that says one minute remaining. Then at the end of your time, I'll hold up another sign that says your time is up. We just want to make sure everybody has equal opportunity and time frame to present their information.

The main purpose of this meeting is again to hear what you have to say, to get your comments. But we will be having the presentation that will give you a more in-depth

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## LUGENE KEYS

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overview on the Draft Wet Weather Plan.

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If you want to give your comments

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orally today, hopefully you've checked the box

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at the sign-in table that just gives us the

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name. The moderator who is going to be Arletta

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Williams will call your name during the comment

09: 43: 56

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period, and you'll be able to come up and

09: 43: 56

9

present your information.

09: 43: 58

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If during the meeting you decide you

09: 44: 00

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want to give comments and you didn't sign in

09: 44: 02

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and check the box, that's okay. Once we get

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13

through the list of people who did sign in, if

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14

you decide at that point you want to give oral

09: 44: 08

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comments, you can do that. We would just ask

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that you provide the same information, your

09: 44: 12

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name and complete address, the city, your zip

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code and your municipality prior to starting

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your comments because that's key information we

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need for the record.

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Everyone that is going to present

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comments, even if it's in written format is

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asked to provide that information. So if you

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didn't check the box and after the meeting you

09: 44: 30

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feel like I really need to say a few things,

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## LUGENE KEYS

09: 44: 32

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you're more than welcome to do that. Just

09: 44: 36

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after go we through the list of people who

09: 44: 38

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signed up, then you'll be welcome to come up,

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and I'm sure Arletta will talk to you at that

09: 44: 38

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time.

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For those of you who are a little

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shy or maybe you don't want to present them out

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here with an audience, we have a separate

09: 44: 48

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comment room here on this side of the area set

09: 44: 50

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up so you can go in there with a stenographer.

09: 44: 52

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There will be an ALCOSAN staff person there,

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and they can sit down with you and you can

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provide your comments at that time privately.

09: 44: 56

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The same rules apply. You've got three minutes

09: 45: 00

16

and the same information is required.

09: 45: 00

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For those folks who may not want to

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give their comments privately or if you can't

09: 45: 04

19

stick it out the entire meeting time frame, you

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can get up and provide your comments there if

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you wanted to give them orally.

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As I indicated, Arletta Scott

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Williams is going to be your meeting moderator.

09: 45: 16

24

I'm going to serve as your timekeeper. We have

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two stenographers, one seated in this room and

1 LUGENE KEYS - ARLETTA SCOTT WILLIAMS

09: 45: 22 2 one in the separate comment area primarily for  
09: 45: 26 3 the purpose of recording your comments.

09: 45: 30 4 Rest rooms, if you are interested in  
09: 45: 32 5 finding the men's room or ladies' room, you go  
09: 45: 34 6 back to the very end of the room where the  
09: 45: 36 7 clock is in the large opening there and the  
09: 45: 38 8 rest rooms will be off to your right, and they  
09: 45: 42 9 are signed. There are refreshments in the  
09: 45: 42 10 back. Help yourself to coffee, cookies, and I  
09: 45: 46 11 believe there is water. I believe I have  
09: 45: 50 12 covered everything.

09: 45: 58 13 MS. WILLIAMS: How many people  
09: 46: 00 14 have been to an ALCOSAN presentation prior to  
09: 46: 02 15 today, a show of hands? Fantastic. And you  
09: 46: 08 16 came back. We couldn't have been that bad.  
09: 46: 12 17 That's good to know.

09: 46: 12 18 With a 1,200 page document which is  
09: 46: 16 19 the culmination of close to 20 years of work,  
09: 46: 26 20 there's the document in the back. Weight  
09: 46: 30 21 lifters are passing it around. There is a lot  
09: 46: 34 22 of information for us to present to you. We  
09: 46: 36 23 have compressed it as much as possible.

09: 46: 38 24 After our initial public meeting,  
09: 46: 42 25 which was two weeks ago, in response to

1 ARLETTA SCOTT WILLIAMS - JAN OLIVER

09: 46: 44 2 comments from the public at that time, we have  
09: 46: 48 3 further compressed what had been an already  
09: 46: 52 4 compressed presentation. So it will be  
09: 46: 56 5 relatively brief, but it has a lot of  
09: 46: 58 6 information in it. So if you would keep track  
09: 47: 02 7 of your questions, and we will entertain them  
09: 47: 06 8 all when we get to the end of the presentation  
09: 47: 08 9 and then go into taking your comments.

09: 47: 14 10 Our presenter today has been working  
09: 47: 16 11 on this issue since 1991, I believe, it is.  
09: 47: 20 12 Not to date us. We're the same age. It's a  
09: 47: 24 13 good age. She's the director of regional  
09: 47: 26 14 conveyance at ALCOSAN. This is a project that  
09: 47: 30 15 is near and dear to her heart, Jan Oliver. Can  
09: 47: 34 16 I hear it for Jan?

09: 47: 40 17 (Audience applauds.)

09: 47: 42 18 MS. OLIVER: Good morning, and  
09: 47: 44 19 thank you for coming to the meeting. I hope to  
09: 47: 46 20 provide you with some answers to questions that  
09: 47: 48 21 you may have about a very important public  
09: 47: 52 22 works program in this area, and we will take  
09: 47: 54 23 your questions at the end.

09: 47: 56 24 I'll start with a brief history of  
09: 48: 00 25 ALCOSAN, and then we'll talk about how we

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JAN OLIVER

09: 48: 02

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developed the plan, what we used to come up

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with the ideas and run through all of the

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alternatives. Then we'll talk about what the

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plan includes, and then we'll also go through

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your comments, accept your comments and give

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you other avenues to provide your comments.

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In the early 1900's, Pittsburgh

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sewers were constructed. Those sewers were

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mostly storm sewers. There was no indoor

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plumbing so those sewers were intended to carry

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away storm water, and it wasn't until later

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that indoor plumbing became available and those

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14

combined sewers were used to carry away

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sanitary sewage. They discharged directly to

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rivers and stream with no method of treatment.

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In the 1950's, they recognized that

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there was disease as a result of these

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discharges, and so they constructed the ALCOSAN

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interceptor system and treatment plant. That

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interceptor system was constructed to convey

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dry weather flows to the wastewater treatment

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plant, but overflows that occurred when it

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rained or you had heavy snow melt were

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constructed as part of that design, and they

JAN OLIVER

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09: 49: 20 2 were permitted by the health agency at the  
09: 49: 24 3 time.

09: 49: 26 4 In the 1970's, the treatment plant  
09: 49: 30 5 was expanded to include secondary treatment.  
09: 49: 34 6 That's a biological treatment that provides  
09: 49: 36 7 greater removal of solids and pollutants from  
09: 49: 40 8 the sewage stream.

09: 49: 42 9 In the 1990's, we expanded the  
09: 49: 44 10 wastewater treatment plant to cover some  
09: 49: 46 11 additional wet weather flows and then also to  
09: 49: 50 12 address growth in the area. This included odor  
09: 49: 54 13 control processes as well.

09: 49: 58 14 In 2008, the Consent Decree was  
09: 50: 02 15 entered. The Consent Decree was a requirement  
09: 50: 06 16 of CSO policy. As I mentioned, those overflows  
09: 50: 08 17 were part of the original design and  
09: 50: 12 18 construction. EPA came back around after a  
09: 50: 16 19 secondary treatment was in place and said let's  
09: 50: 18 20 take care of those overflows that occur when it  
09: 50: 22 21 rains.

09: 50: 22 22 So in the late 80's and early 90's,  
09: 50: 26 23 they began developing what's called a CSO  
09: 50: 30 24 policy. That policy was approved and became  
09: 50: 30 25 part of the Clean Water Act in 1994. That

JAN OLIVER

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09: 50: 32 2 policy required that cities like ALCOSAN would  
09: 50: 38 3 need to comply with those requirements through  
09: 50: 40 4 a Consent Decree.

09: 50: 44 5 The Consent Decree is based upon the  
09: 50: 48 6 Clean Water Act. It does require the  
09: 50: 52 7 development of a Wet Weather Plan and that Wet  
09: 50: 56 8 Weather Plan requires the elimination of SSOs.  
09: 51: 00 9 SSOs occur from sewer systems that are sanitary  
09: 51: 06 10 only. They have two-system sewers, and that's  
09: 51: 12 11 one to carry storm water and one to convey  
09: 51: 14 12 sanitary sewage; but many of the sewers have  
09: 51: 18 13 infiltration or roof connections even though  
09: 51: 22 14 they're not intended to do that.

09: 51: 24 15 So on the ALCOSAN system, there are  
09: 51: 26 16 50-plus places where overflows occur from the  
09: 51: 28 17 sanitary sewer system. We have to control the  
09: 51: 32 18 CSOs to a level that's acceptable that wouldn't  
09: 51: 38 19 contribute to the degradation of water quality,  
09: 51: 40 20 and that's on the combined sewer overflows.

09: 51: 42 21 The combined overflow -- the  
09: 51: 46 22 combined sewer system is one system. It  
09: 51: 48 23 conveys both storm water and your sanitary  
09: 51: 50 24 sewage. We have about 280-plus CSOs located on  
09: 51: 58 25 the ALCOSAN system, and, again, there are

JAN OLIVER

1  
2 additional overflows associated with municipal  
3 sewer systems.

4 We have to provide growth until  
5 2046. We did an analysis of intended growth  
6 through SPC and then double-checked that with  
7 the municipalities, and that growth is worked  
8 into the development of the Wet Weather Plan.

9 We had to facilitate regional  
10 coordination. There are a number of meetings.  
11 We had basin planning meetings. We had the  
12 system broke up into seven basins that were  
13 used for analysis so that their local concerns  
14 would be considered and these groups of  
15 consultants met with these municipalities  
16 associated with each of the basins.

17 We had a regional stakeholder group  
18 and a number of meetings held with those folks  
19 that included municipal representation,  
20 academia, political entities, and planning  
21 commissions. We also had a CMAC, Customer  
22 Municipal Advisory Committee, and that was made  
23 up of municipal managers and elected officials  
24 within the municipalities.

25 I have to mention that this project

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JAN OLIVER

09: 53: 10

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is not a flood control project. There may be

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some ancillary benefits associated with

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reducing flooding, but the sizing of facilities

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for this program are not what could control a

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flood. This plan that we're talking about

09: 53: 30

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today must be implemented by 2026. That's a

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requirement of the Consent Decree.

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Understanding the problem is

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complex, so the process that we went through to

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get us here occurred over a number of years.

09: 53: 46

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Where did the overflows occur? We did a large

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13

mapping program. Municipalities were working

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on this simultaneously trying to identify where

09: 53: 56

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their sewers are, sizes they are, elevations

09: 54: 00

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under wet weather conditions and how often and

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how much.

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We had a rain gauge system with a

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radar rainfall instrument that could determine

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what the rainfall was in various areas. Using

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that along with a hydraulic model, we were able

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to determine how much the existing system can

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convey to certain locations and how much it

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overflowed under varying rainfall conditions.

09: 54: 26

25

With that we were then able to determine how

JAN OLIVER

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09: 54: 30 2 much the system could not convey and how much  
09: 54: 32 3 it overflowed.

09: 54: 34 4 What are the water quality impacts?  
09: 54: 38 5 We had a lot of sampling both at the CSO  
09: 54: 42 6 outfalls and also in the receiving streams. We  
09: 54: 44 7 sampled upstream and downstream every ALCOSAN  
09: 54: 48 8 service area so that we could see what the  
09: 54: 50 9 river quality was, river water quality was  
09: 54: 54 10 coming into the ALCOSAN service area and what  
09: 54: 56 11 it was after it left the service area, and that  
09: 55: 00 12 occurred in both wet weather and dry weather  
09: 55: 02 13 periods and it occurred on the main rivers and  
09: 55: 04 14 also in tributary streams.

09: 55: 10 15 There were a lot of institutional  
09: 55: 12 16 challenges. We worked with Three Rivers. We  
09: 55: 14 17 worked with the municipalities to try to  
09: 55: 16 18 identify what those were and worked through  
09: 55: 18 19 those institutional efforts.

09: 55: 20 20 These sewer systems when they  
09: 55: 22 21 connect to the ALCOSAN system, there are  
09: 55: 24 22 typically a lot of multi-municipal connections.  
09: 55: 30 23 That means that in that sewer shed you have  
09: 55: 32 24 multiple municipalities, and they must all work  
09: 55: 36 25 together in order to get that flow to the point

JAN OLIVER

09: 55: 38 2 of connection to ALCOSAN's system.

09: 55: 42 3 We had to determine why they  
09: 55: 44 4 overflow. There are a lot of sources that  
09: 55: 46 5 contribute additional flows to the sewer  
09: 55: 48 6 system. You have direct stream inflows. We  
09: 55: 52 7 have identified ten locations in the sewer  
09: 55: 54 8 system where streams entered the sewer system.

09: 55: 58 9 They were put there likely because  
09: 56: 00 10 they didn't work with the downstream  
09: 56: 02 11 development whether it was residential or  
09: 56: 04 12 commercial or a highway or railroad, but the  
09: 56: 08 13 natural stream was placed into the sewer  
09: 56: 10 14 system.

09: 56: 10 15 We have identified ten of those.  
09: 56: 12 16 We're slowly but surely working on taking them  
09: 56: 16 17 out, but we must work with the municipalities  
09: 56: 18 18 to do that. You have groundwater infiltration.  
09: 56: 22 19 Groundwater infiltration has a prolonged impact  
09: 56: 24 20 on sewer systems after it quits raining.

09: 56: 28 21 Deteriorated and aging sewers,  
09: 56: 32 22 that's how the groundwater gets into the sewer  
09: 56: 34 23 system. Improper connections, a lot of the  
09: 56: 36 24 plumbers that did the construction for the  
09: 56: 38 25 combined sewers moved out to the sanitary

JAN OLIVER

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09: 56: 42 2 sewers and some of those same philosophies  
09: 56: 46 3 about flushing the sewer system were carried  
09: 56: 50 4 out into the sanitary sewer systems and just  
09: 56: 50 5 practices of moving storm water away from your  
09: 56: 54 6 home were also incorporated into places that  
09: 56: 56 7 were supposed to be sanitary only systems.  
09: 57: 00 8 Those are the locations where improper  
09: 57: 02 9 connections occurred.

09: 57: 04 10 There were conveyance capacity  
09: 57: 08 11 limitations. They can occur because of a flat  
09: 57: 10 12 pipe or just because there is too much flow in  
09: 57: 14 13 the pipe. If it's an easy fix, those need to  
09: 57: 18 14 be evaluated and corrected. But if it's a  
09: 57: 18 15 capacity issue, then we have to build to  
09: 57: 22 16 correct that problem.

09: 57: 26 17 There are treatment plant capacity  
09: 57: 28 18 limitations. The ALCOSAN treatment capacity  
09: 57: 34 19 today is 250 million gallons a day, and that  
09: 57: 34 20 results in overflows when it rains or when  
09: 57: 38 21 there is snow melt.

09: 57: 40 22 Storm water runoff from impervious  
09: 57: 42 23 surfaces, combined sewers. When it rains, the  
09: 57: 44 24 runoff from the impervious surfaces enter the  
09: 57: 48 25 sewer system through the street drains, through

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JAN OLIVER

09: 57: 50

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driveway drains, through roof drains and

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contribute to the sanitary flow during wet

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weather periods.

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There were a lot of key elements to

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the Wet Weather Plan. System inventory and

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characterization. We took that mapping and

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modeling and determined the characteristics and

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inventory of the system. We did a hydraulic

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hydrologic characterization to see what the

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pip ing network could convey and whatever

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overflowed, the water quality assessment, all

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of that sampling information, and we created a

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model of the rivers to see under what rainfall

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conditions and under what overflow conditions,

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what impacts you could expect to see within the

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receiving streams. We evaluated a number of

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alternatives for sewer overflows. We'll talk

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19

about those a little bit later.

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We did a financial and institutional

09: 58: 48

21

planning effort to determine what was

09: 58: 52

22

affordable for this region, and that was based

09: 58: 54

23

on a lot of things to consider, the median

09: 58: 58

24

household income, the bond rates. All of that

09: 59: 00

25

information was worked into what would be an

JAN OLIVER

1  
09: 59: 06 2 affordable plan for this region.

09: 59: 08 3 A lot of municipal and public  
09: 59: 10 4 involvement. As I mentioned, we had CMAC,  
09: 59: 12 5 which is the Citizens Municipal Advisory  
09: 59: 18 6 Committee. We had the regional stakeholder  
09: 59: 18 7 group and basin planning meetings, and actually  
09: 59: 22 8 we have had five years of public meetings such  
09: 59: 24 9 as this where we hold meetings in the various  
09: 59: 28 10 parts throughout the service area in the  
09: 59: 32 11 morning and then also in the evening.

09: 59: 34 12 I'll talk about the implementation  
09: 59: 38 13 plan. There had to be a lot of thought that  
09: 59: 40 14 went into how we are going to implement this  
09: 59: 42 15 plan, what are going to be some of the  
09: 59: 44 16 priorities, and, of course, this plan will need  
09: 59: 46 17 to be negotiated with the regulatory agencies.  
09: 59: 50 18 These are our ideas. We are going to be asking  
09: 59: 52 19 for your ideas. We are going to try to  
09: 59: 54 20 incorporate what we can, and then we are going  
09: 59: 58 21 to present this to the regulatory agencies, and  
10: 00: 00 22 they will be telling us what their ideas are.

10: 00: 04 23 These are four methods of control  
10: 00: 08 24 for these overflows. You can store it in a  
10: 00: 12 25 tank or a tunnel while it's raining, and then

1

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10:00:16

2

after it quits raining drain it back to the

10:00:18

3

sewer system. You can move it to a location

10:00:22

4

where you can provide treatment. You can treat

10:00:26

5

it, and then you can remove it.

10:00:30

6

Removal and source control. That's

10:00:32

7

something that occurs within the municipal

10:00:34

8

sewer system. Removal and source controls.

10:00:40

9

ALCOSAN encourages source control that would

10:00:46

10

prevent storm water and groundwater from

10:00:48

11

entering the system, but we control the flows

10:00:52

12

once they enter the ALCOSAN system. Once they

10:00:54

13

come to the ALCOSAN system, there is no

10:00:56

14

opportunities for that removal. So we can't

10:01:00

15

require municipalities and properties to

10:01:04

16

incorporate green infrastructure or do

10:01:08

17

infiltration and inflow removal. We can't

10:01:10

18

dictate what the municipalities inflow and

10:01:14

19

infiltration practices are; so, therefore, the

10:01:16

20

sewer controls are to be evaluated by the

10:01:18

21

municipalities.

10:01:22

22

We did encourage green

10:01:24

23

infrastructure. We hosted workshops and had

10:01:28

24

many of the municipalities came in and provided

10:01:30

25

information on how to remove storm water

JAN OLIVER

1  
2 through green infrastructure.

3 We had an EPA grant that allowed us  
4 to identify two areas where we could work with  
5 the municipality. One of them happens to be  
6 the fair municipality that we're in today, and  
7 that's West View is going to implement a  
8 demonstration green infrastructure project.

9 We're working with the City of  
10 Pittsburgh and the Bells Run area which is  
11 tributary to the Chartiers Creek area. As I  
12 mentioned, those stream inflow locations,  
13 ALCOSAN has done a lot. They are very large  
14 source removal projects. They remove anywhere  
15 from 50 to 250 million gallons annually from  
16 the sewer system through those stream removal  
17 projects.

18 The preliminary municipal plans  
19 include just a minimum of green infrastructure.  
20 I understand Three Rivers is going to be  
21 working with the municipalities to help  
22 identify them, and we have Beth here and Beth  
23 is kind of spearheading that effort to work  
24 with the municipalities to identify places  
25 where they could replace gray which is

1

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10:02:48

2

considered, the pipes are considered gray or

10:02:52

3

storage tanks are considered gray construction.

10:02:56

4

Three Rivers is going to work with

10:02:56

5

the municipalities to identify where they might

10:02:58

6

be able to incorporate green within their sewer

10:02:58

7

systems. If the municipalities refine their

10:03:08

8

plans to include this green and reduce their

10:03:08

9

flow, then we will certainly incorporate it

10:03:12

10

into the Wet Weather Plan.

10:03:16

11

We developed 26 systemwide

10:03:18

12

alternatives for controls. We looked at them

10:03:20

13

in a basin-based approach and then also a

10:03:24

14

regional-based approach. The basin based had a

10:03:28

15

lot of separate facilities, storage tanks

10:03:30

16

within certain areas. It did not include a

10:03:34

17

tunnel system.

10:03:34

18

Then we looked at things on a more

10:03:36

19

regional basis, and that included the tunnel

10:03:40

20

system. We evaluated the amount of overflows

10:03:42

21

that would discharge under these varying

10:03:46

22

approaches and the regional approach turned out

10:03:50

23

to be the more cost efficient.

10:03:52

24

We looked at additional treatment

10:03:54

25

plants and the various treatment plant

1

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10: 03: 58

2

capacities at the ALCOSAN wastewater treatment

10: 04: 02

3

plant. We looked at how far we would extend

10: 04: 04

4

the tunnels up the Monongahela and up the

10: 04: 08

5

Allegheny and then, of course, down the Ohio.

10: 04: 10

6

We did a lot of sizing and cost effectiveness

10: 04: 14

7

based on the number of overflows that would be

10: 04: 18

8

anticipated with these types of facilities and

10: 04: 20

9

determined what the percent of wastewater

10: 04: 24

10

capture would be from these plans.

10: 04: 26

11

We used that model that I talked

10: 04: 30

12

about earlier to determine what the water

10: 04: 32

13

quality impacts would be and developed a need

10: 04: 34

14

of the curve cost performance so that we could

10: 04: 40

15

pick the optimum benefit that we would receive

10: 04: 44

16

for our money in terms of water quality

10: 04: 46

17

improvements.

10: 04: 48

18

This is what was identified as the

10: 04: 50

19

selected plan. The selected plan includes 20

10: 04: 56

20

miles of tunnel system. The tunnel system is

10: 05: 00

21

12 to 14 feet in diameter, and it is

10: 05: 02

22

constructed 30 to 55 feet below the existing

10: 05: 06

23

deep tunnel interceptor system. This program

10: 05: 10

24

will eliminate SSOs to a two-year level.

10: 05: 16

25

We'll have 96 percent CSO capture.

1

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10: 05: 22

2

So the overflows that occur now, we will have

10: 05: 26

3

96 percent capture of those overflows. That

10: 05: 28

4

will be a 92 percent volume reduction. We have

10: 05: 32

5

provided enhanced controls in sensitive areas

10: 05: 36

6

where there was recreation or water intakes.

10: 05: 38

7

The controls are a greater level of controls,

10: 05: 42

8

so they overflow less frequently than in the

10: 05: 44

9

rest of the plan area.

10: 05: 48

10

This plan does have an associated

10: 05: 52

11

cost with it. It is \$3.6 billion. This is in

10: 06: 00

12

compliance with EPA's requirements. The \$3.6

10: 06: 04

13

billion does include the municipal

10: 06: 08

14

improvements.

10: 06: 08

15

One of the best bangs for our buck

10: 06: 10

16

here was to increase the capacity of the

10: 06: 12

17

treatment plant so the plant will go from a 250

10: 06: 18

18

million gallon secondary treatment capacity to

10: 06: 20

19

a 600 million gallon a day primary capacity and

10: 06: 24

20

then a 295 million gallon a day secondary

10: 06: 30

21

capacity.

10: 06: 30

22

You can notice that the tunnels are

10: 06: 34

23

identified by the green lines that run along

10: 06: 38

24

the Ohio, up the Allegheny. Then you have them

10: 06: 42

25

here along the Mon all the way up to Turtle

JAN OLIVER

1  
2 Creek. Saw Mill Run actually has a tunnel that  
3 extends up there. Chartiers Creek and these  
4 (indicating) little cylindrical shapes indicate  
5 that there is a storage tank. So the green  
6 means that it's a combined storage tank and the  
7 blue means that it is a separate sewage storage  
8 tank.

9 We have identified the ALCOSAN  
10 Wastewater Treatment Plant right here  
11 (indicating) down in Woods Run and the little  
12 triangular symbols identify drinking water  
13 intakes, and there are some other sensitive  
14 areas identified within that plan.

15 I mentioned that the plan was \$3.6  
16 billion. EPA has a guideline to determine what  
17 is affordable to ratepayers. If it is less  
18 than one percent of the median household  
19 income, it's considered a low threshold of  
20 pain, a low indicator. If it's one to two  
21 percent, that's a mid-range threshold. That's  
22 of the median household income. High is  
23 greater than two percent of the median  
24 household income. So that two percent allows  
25 for in this region a 2 billion dollar capital

1

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10:08:20

2

investment in this wet weather problem.

10:08:26

3

Again, the financial impacts in the

10:08:30

4

median household incomes are over a broad base.

10:08:34

5

ALCOSAN service area is 300 squares miles. We

10:08:36

6

take in Rankin, and we also take in Fox Chapel,

10:08:42

7

so we have median household incomes that are

10:08:44

8

less than 18,000, and we have median household

10:08:50

9

incomes that are greater than 220,000. We take

10:08:54

10

the median of those averages, and we came up

10:08:54

11

with like 43,800 is the median household

10:09:00

12

income. When we did all those calculations, it

10:09:04

13

was determined that a 2 billion dollar plan and

10:09:06

14

investment in this problem was affordable to

10:09:10

15

this region.

10:09:12

16

You can see the impacts with the 3.6

10:09:16

17

billion dollar plan is much greater than that.

10:09:20

18

The red area shows that the impact is greater

10:09:22

19

than three percent. Yellow is two percent to

10:09:26

20

three percent, and then the green area shows

10:09:28

21

that it's less than two percent. So that's 26

10:09:34

22

municipalities that would be in the red and

10:09:40

23

nine of those 26 municipalities would be even

10:09:44

24

greater than four percent.

10:09:46

25

The City of Pittsburgh is 3.1

1

JAN OLIVER

10:09:48

2

percent with this selected plan. This is total

10:09:52

3

compliance with the regulatory agencies. So we

10:09:58

4

had to pick components of that selective plan

10:10:00

5

that were affordable that could meet with

10:10:04

6

something that we could recommend to ratepayers

10:10:06

7

and there were competing needs throughout this.

10:10:10

8

Do we focus on areas that are

10:10:14

9

tributary streams, you know, Chartiers Creek,

10:10:20

10

Saw Mill Run, Turtle Creek. Do we focus on the

10:10:22

11

main rivers. There is a lot of recreation that

10:10:24

12

occurs in the main rivers. Do we focus on CSOs

10:10:28

13

where you have a greater amount of overflow.

10:10:30

14

Do we focus on sanitary sewer overflows which

10:10:34

15

the regulatory agencies right now consider to

10:10:38

16

be illegal. So components of that 3.6 billion

10:10:42

17

dollar plan needed to be selected.

10:10:46

18

Of course, we had to provide

10:10:48

19

capacity for economic growth. We had to be

10:10:50

20

able to implement this plan by 2026. That is

10:10:56

21

the time frame for completion of the plan by

10:11:00

22

2026.

10:11:00

23

Chartiers Creek also has a

10:11:04

24

third-party lawsuit associated with it that we

10:11:06

25

said that sanitary sewer overflows would be

1

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10: 11: 08

2

controlled by an earlier date, so that needs to be considered as well.

10: 11: 12

3

10: 11: 16

4

Through all of this, we came up with a recommended plan to be implemented by 2026.

10: 11: 18

5

10: 11: 22

6

It includes ten miles, a little less than ten miles of the 20 miles of tunnel that we talked about earlier, same sizing, but it doesn't extend as far along the Allegheny.

10: 11: 32

7

10: 11: 34

8

10: 11: 38

9

10: 11: 40

10

It extends to the Strip District,

10: 11: 44

11

and in the Monongahela it extends to

10: 11: 46

12

approximately the Four Mile Run area of the

10: 11: 48

13

City of Pittsburgh. The Chartiers Creek

10: 11: 50

14

sanitary sewer overflow controls would be put

10: 11: 54

15

into place with the treatment facility that

10: 11: 56

16

would eventually become a storage facility, and

10: 12: 00

17

it extends, the tunnel extends down to the

10: 12: 04

18

wastewater treatment plant.

10: 12: 04

19

The wastewater treatment plant would

10: 12: 08

20

be expanded to 480 million gallons a day as

10: 12: 14

21

opposed to the 600 million gallons a day in the

10: 12: 16

22

selective plan and you would still have a

10: 12: 16

23

secondary treatment capacity of 295 million

10: 12: 20

24

gallons a day.

10: 12: 22

25

The enhanced controls for the

1

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10: 12: 26

2

sensitive areas would be put in place so that

10: 12: 28

3

we could address water intakes and recreational

10: 12: 34

4

areas early in the implementation. Where we do

10: 12: 38

5

have sanitary sewer overflow control is in the

10: 12: 42

6

Chartiers Creek area, and that is a two-year

10: 12: 44

7

level of control. This provides 79 percent CSO

10: 12: 48

8

capture which the ultimate plan, as I

10: 12: 52

9

mentioned, is 96 percent CSO capture. This one

10: 12: 56

10

is 79.

10: 12: 58

11

This plan includes all of the

10: 13: 00

12

municipal improvements. So of this 2 billion,

10: 13: 02

13

550 million are municipal controls. This is

10: 13: 14

14

the residential indicator for the 2 billion

10: 13: 16

15

dollar plan. You still see some red areas but

10: 13: 20

16

not as many. You have greater than three

10: 13: 26

17

percent in nine municipalities. You have

10: 13: 28

18

greater than four percent still in four

10: 13: 30

19

municipalities though and the City of

10: 13: 34

20

Pittsburgh residential indicator becomes 2.3

10: 13: 38

21

percent of their median household income.

10: 13: 46

22

We anticipate that the ALCOSAN rates

10: 13: 50

23

would be increased 10 to 12 percent at various

10: 13: 56

24

times through the program but likely

10: 13: 58

25

consecutive years. The average cost per

JAN OLIVER

1  
2 household by 2026 will be double what the  
3 ALCOSAN sewer rate is today.

4 The implementation plan utilizes the  
5 affordability guidance that the National CSO  
6 Policy developed. We're recommending a phased  
7 approach so the recommended plan is the first  
8 phase. We'll see what improvements that we  
9 have in the sewer system and the water quality  
10 from those controls, and then we will move  
11 forward once those are in place with the second  
12 phase of the plan.

13 A 2 billion dollar budget has been  
14 established for that 226 plan, so it employs an  
15 adaptive management principle. Again, I said  
16 we'll see how effective these controls are and  
17 make improvements beyond that with these types  
18 of controls.

19 ALCOSAN's Wet Weather Plan, as  
20 Arletta mentioned, has been a culmination of a  
21 number of years of experts working on this  
22 problem. We looked at system monitoring and  
23 modeling. There were 550 flow meters in the  
24 sewer system at one time. The system has been  
25 extensively modeled.

1

JAN OLIVER

10: 15: 24

2

We did water quality assessment so

10: 15: 26

3

that we could determine what the alternatives

10: 15: 28

4

should be. A financial analysis was included.

10: 15: 34

5

A lot of municipal and public coordination and

10: 15: 38

6

participation were involved throughout the

10: 15: 40

7

development of the plan.

10: 15: 40

8

It's a regionally-integrated plan.

10: 15: 44

9

It includes the municipal efforts as well as

10: 15: 46

10

the ALCOSAN efforts. We determined it to be

10: 15: 50

11

the cost effective solution. It's a balanced

10: 15: 54

12

approach. It does direct some sanitary sewer

10: 15: 58

13

overflows while it identifies the maximum level

10: 16: 02

14

of control for the combined sewer overflows.

10: 16: 06

15

We think of it as a fiscally responsible plan

10: 16: 08

16

to move us towards the 2026 time frame.

10: 16: 16

17

There are many documents out there

10: 16: 20

18

that you can read to get an idea of more detail

10: 16: 24

19

about the plan. As we mentioned, this is the

10: 16: 28

20

entire plan and it's quite large, but there is

10: 16: 30

21

the executive summary that you all should have

10: 16: 34

22

a copy of.

10: 16: 38

23

There are sewer overflow fact sheets

10: 16: 40

24

that talk about what you can do. You can log

10: 16: 44

25

on to ALCOSAN at [www.ALCOSAN.org](http://www.ALCOSAN.org). We're on

1

JAN OLIVER

10: 16: 50

2

Facebook and YouTube. We've had a lot of

10: 16: 54

3

public meetings. This is the second public

10: 16: 58

4

meeting in a list of meetings that appear in

10: 17: 00

5

your folder there.

10: 17: 02

6

We have an open house that will be

10: 17: 04

7

held this year September 15 at the ALCOSAN

10: 17: 08

8

Wastewater Treatment Plant. There are a number

10: 17: 12

9

of venues that provide education on a number of

10: 17: 14

10

processes and things associated with the

10: 17: 16

11

wastewater treatment plant, and I would

10: 17: 18

12

encourage you to attend. It's from 10:00 in

10: 17: 22

13

the morning or 9:00 in the morning until 4:00

10: 17: 24

14

in the afternoon, late afternoon. Refreshments

10: 17: 28

15

and food are provided and tours of the

10: 17: 32

16

wastewater treatment plant also.

10: 17: 36

17

A lot of public comment

10: 17: 38

18

opportunities. July 31 to October 19, we will

10: 17: 42

19

try to receive your comments. After that

10: 17: 44

20

point, we will try to incorporate those

10: 17: 48

21

comments or respond to them if we can't

10: 17: 50

22

incorporate them and then submit the plan to

10: 17: 52

23

the regulatory agencies in January 2013.

10: 17: 58

24

As we mentioned, there are a number

10: 18: 00

25

of ways to provide comment. There is going to

1 JAN OLIVER - KATHRYN KOMARA

10: 18: 02 2 be testimonial statements that you can provide  
10: 18: 06 3 here. There is also going to be one meeting at  
10: 18: 08 4 the very end that will be all testimonial. You  
10: 18: 12 5 can mail your comments to ALCOSAN, 3300 Preble  
10: 18: 20 6 Avenue. With that, I'll take questions or  
10: 18: 24 7 comments. Would you please state your name and  
10: 18: 24 8 where you're from.

10: 18: 46 9 MS. KOMARA: My name is  
10: 18: 46 10 Kathryn Komara, and I'm from McCandless. I'm  
10: 18: 50 11 here just because I've been reading the  
10: 18: 52 12 articles in the Post-Gazette and the  
10: 18: 54 13 Post-Gazette writer is here. Thank you very  
10: 18: 56 14 much for enlightening me. I haven't heard  
10: 18: 58 15 about this up until that point.

10: 19: 02 16 My questions are, well, one, it's  
10: 19: 06 17 overwhelmingly to me to think of -- I'm a  
10: 19: 12 18 therapist. I work with elderly people. I  
10: 19: 16 19 can't even imagine the costs that are going to  
10: 19: 16 20 be accrued to them. They can barely afford  
10: 19: 20 21 their medications let alone me because I'm just  
10: 19: 24 22 a piddling occupational therapist, but are you  
10: 19: 28 23 going to have any type of system set up for  
10: 19: 32 24 people who are having difficulty with paying  
10: 19: 34 25 bills? That's my first question.

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

10: 19: 36 2 My second question is how much  
10: 19: 40 3 participation have the municipalities been  
10: 19: 44 4 willing or able or are able to provide to  
10: 19: 52 5 ALCOSAN to try to reduce the costs, and are  
10: 19: 56 6 there ones that are more amenable to this  
10: 20: 00 7 versus the municipalities who are totally  
10: 20: 02 8 against trying to redo their systems?

10: 20: 18 9 MS. WILLIAMS: Excellent  
10: 20: 20 10 questions. In response to the first question,  
10: 20: 22 11 we do not have a system in place right now to  
10: 20: 24 12 subsidize those people who are having  
10: 20: 28 13 difficulty, and you're speaking of something  
10: 20: 30 14 that would be analogous to the utility programs  
10: 20: 36 15 where you get help with your electricity, your  
10: 20: 38 16 gas if you cannot pay those bills.

10: 20: 42 17 We are in the process of looking at  
10: 20: 44 18 how we bill, what our rate structure will be.  
10: 20: 46 19 Currently we bill everybody uniformly based on  
10: 20: 52 20 water consumption. As part of this process, we  
10: 20: 54 21 are looking at that and looking at other  
10: 20: 56 22 options.

10: 20: 58 23 As we're looking at other options,  
10: 21: 00 24 we're looking at the potential to have some  
10: 21: 04 25 type of subsidiary in place for those people

1

ARLETTA SCOTT WILLIAMS

10: 21: 08

2

who fall below a certain threshold, but it's

10: 21: 10

3

still very conceptual right now. That was the

10: 21: 14

4

first part of the question.

10: 21: 16

5

The second part of the question with

10: 21: 18

6

respect to municipal participation, our

10: 21: 20

7

municipalities have been participating. They

10: 21: 22

8

have been stepping up to the challenge. They

10: 21: 24

9

have their own orders. They're not a party to

10: 21: 30

10

our Consent Decree, which you heard Jan speak

10: 21: 34

11

to, but they have orders with either the state

10: 21: 38

12

through the Pennsylvania Department of

10: 21: 42

13

Environmental Protection or they have orders

10: 21: 42

14

with the Allegheny County Health Department to

10: 21: 46

15

do things within their systems.

10: 21: 48

16

This overall problem has an upstream

10: 21: 52

17

component and a downstream component. The

10: 21: 56

18

municipalities are responsible for the upstream

10: 22: 00

19

component. We're responsible for the

10: 22: 02

20

downstream component.

10: 22: 04

21

Just as Jan spoke to the financial

10: 22: 08

22

wherewithal for the median household income

10: 22: 10

23

across our service area going from \$18,000 a

10: 22: 14

24

year to \$200,000, you see the same thing with

10: 22: 18

25

municipalities. Some of them are more capable

1 ARLETTA SCOTT WILLIAMS - KATHRYN KOMARA

10: 22: 22 2 and able to step up to the challenge. But  
10: 22: 24 3 everybody understands that they have something  
10: 22: 26 4 to do, and they are becoming more engaged.

10: 22: 34 5 MS. KOMARA: How much of this  
10: 22: 34 6 is green versus gray? How much willingness is  
10: 22: 42 7 there? And again educating the public, I'm  
10: 22: 46 8 sorry to say that I'm just becoming aware of  
10: 22: 50 9 this, and I feel very strongly about our water  
10: 22: 52 10 system and the drainage and things like that,  
10: 22: 58 11 the cleanliness because I feel very strongly  
10: 23: 02 12 that water is going to be our next rare  
10: 23: 06 13 commodity worse than oil because we need water  
10: 23: 08 14 more than oil. What are we doing as far as  
10: 23: 12 15 green technology as far as municipalities  
10: 23: 14 16 willing to use green technology versus gray?

10: 23: 20 17 MS. WILLIAMS: The initial  
10: 23: 22 18 part of your commentary referred to what  
10: 23: 26 19 percentage of green is being used here, and  
10: 23: 30 20 then the second portion is what is the  
10: 23: 32 21 willingness to use green.

10: 23: 34 22 The plan as it exists, our document  
10: 23: 38 23 does not incorporate green as a solution as  
10: 23: 42 24 people anticipate green to be incorporated, and  
10: 23: 46 25 that is quite simply because we do not have

1 ARLETTA SCOTT WILLIAMS - KATHRYN KOMARA

10: 23: 50 2 either the purview or the wherewithal to  
10: 23: 54 3 implement green. As Jan spoke to in the course  
10: 23: 58 4 of the presentation, we support the  
10: 24: 02 5 municipalities who do have that ability. Those  
10: 24: 06 6 things would have to be adopted on a municipal  
10: 24: 08 7 level either by municipal ordinance or some  
10: 24: 12 8 other enforceable mechanism. By the time flows  
10: 24: 18 9 get to our system, the conveyance system, the  
10: 24: 20 10 opportunity to implement green is gone at that  
10: 24: 20 11 point.

10: 24: 24 12 Now, we do support and strongly  
10: 24: 26 13 encourage our municipalities to remove flow by  
10: 24: 32 14 any means necessary and green is certainly one  
10: 24: 34 15 of those means. We have sought federal funding  
10: 24: 40 16 through EPA and used it to assist our  
10: 24: 42 17 communities. But absent that, we do not have  
10: 24: 46 18 the ability to go and do more than strongly  
10: 24: 50 19 encourage that they look at those options.

10: 24: 56 20 MS. KOMARA: I guess my  
10: 24: 56 21 question is, as people always say, it's  
10: 25: 00 22 supposedly easier to smile than frown. It's  
10: 25: 04 23 supposedly easier just to throw some sewer  
10: 25: 08 24 systems in than go around and expect homeowners  
10: 25: 12 25 to do more planting or use rain barrels or what

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

10: 25: 16 2 have you. So how much willingness -- I'm just  
10: 25: 20 3 curious -- is there, and is there any way that  
10: 25: 22 4 you or the state or somebody could do some type  
10: 25: 28 5 of a positive reinforcer or monetarily to help  
10: 25: 34 6 them adapt green technology because in my eyes,  
10: 25: 38 7 and I mean in your eyes I'm sure, that would be  
10: 25: 42 8 much more optimal and in the long run a more  
10: 25: 44 9 cost-effective, if I'm not mistaken, way to  
10: 25: 48 10 handle this. Are municipalities willing to do  
10: 25: 52 11 this, and is there something we can do to prod  
10: 25: 56 12 them along?

10: 26: 00 13 MS. WILLIAMS: I do believe  
10: 26: 00 14 municipalities have a willingness to look at  
10: 26: 02 15 anything that is going to further the cause.  
10: 26: 06 16 In terms of actual projects, and there are  
10: 26: 08 17 those that Jan spoke to, one that is in process  
10: 26: 14 18 right here in West View. Well, it's in the  
10: 26: 18 19 early stages.

10: 26: 20 20 It would be nice if I could speak to  
10: 26: 22 21 those across the service area. Unfortunately,  
10: 26: 26 22 that's not case. Municipalities do have  
10: 26: 32 23 competing needs. They've got a lot of things  
10: 26: 36 24 that they are looking to use a certain amount  
10: 26: 38 25 of budget that they have available. Again, I

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

10: 26: 42 2 would encourage everybody who has this concern  
10: 26: 46 3 to approach your municipality and find out what  
10: 26: 50 4 their intentions are. It's a good place to  
10: 26: 54 5 have the conversation.

10: 26: 56 6 MS. KOMARA: Well, there is  
10: 27: 00 7 not many of us in this room and granted we  
10: 27: 02 8 work, but, again, my question is how many  
10: 27: 06 9 municipalities are using green or willing to  
10: 27: 14 10 use green? I'm looking for some type of  
10: 27: 18 11 response as far as who is on board and who is  
10: 27: 22 12 not percentagewise or a guesstimate?

10: 27: 26 13 MS. WILLIAMS: I can't give  
10: 27: 28 14 you a spreadsheet that says these ten have said  
10: 27: 32 15 yes, these 30 have said no, the rest have said  
10: 27: 32 16 maybe. We don't have that type of information.

10: 27: 34 17 MS. KOMARA: Do you guys  
10: 27: 36 18 encourage any type of participation through any  
10: 27: 38 19 type of a kickback or any type of a positive  
10: 27: 40 20 reinforcer that if they use green technology  
10: 27: 46 21 versus just regular systems, gray systems?

10: 27: 50 22 MS. WILLIAMS: Our  
10: 27: 52 23 encouragement up to this point has been to  
10: 27: 54 24 provide funding through the federal sources and  
10: 27: 56 25 resources that have been made available to us.

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

10: 28: 00 2 That has been the encouragement.

10: 28: 06 3 MS. KOMARA: Is there a way  
10: 28: 06 4 that you have it listed so we can see who is  
10: 28: 08 5 willing to take your encouragement?

10: 28: 10 6 MS. WILLIAMS: We do not have  
10: 28: 12 7 that available. Again, I would suggest that  
10: 28: 16 8 you approach your municipality. Most municipal  
10: 28: 20 9 meetings are held in the evenings. I think the  
10: 28: 22 10 majority of them begin at 7:00 or 7:30, so  
10: 28: 28 11 hopefully there is an opportunity for people to  
10: 28: 28 12 participate at that level. Jan?

10: 28: 32 13 MS. OLIVER: I just wanted to  
10: 28: 32 14 say that although we don't highlight green  
10: 28: 36 15 development, it is occurring throughout the  
10: 28: 38 16 ALCOSAN service area and through Allegheny  
10: 28: 40 17 County. It's just becoming a new way of  
10: 28: 44 18 thinking about developing, and you see it.

10: 28: 46 19 There are spreadsheets that were  
10: 28: 50 20 created by Three Rivers that we are  
10: 28: 52 21 incorporating to see what kind of impact, so it  
10: 28: 56 22 is happening as a new method of developing. If  
10: 28: 58 23 the municipalities don't select it, it may be  
10: 29: 00 24 because they don't find it as a cost-effective  
10: 29: 04 25 way for them to meet their requirements just as

1 KATHRYN KOMARA - JAN OLIVER

10: 29: 06 2 ALCOSAN did. So we can't force them to  
10: 29: 08 3 consider something that they may not feel will  
10: 29: 12 4 be effective.

10: 29: 14 5 MS. KOMARA: But in the long  
10: 29: 14 6 run, isn't that more cost-effective in the long  
10: 29: 18 7 run? I'm just curious.

10: 29: 22 8 MS. OLIVER: The jury is still  
10: 29: 24 9 out on that one. I think we're recognizing  
10: 29: 26 10 that there are a lot of benefits to it  
10: 29: 28 11 including air pollution benefits to it,  
10: 29: 30 12 increased property values, sound benefits. So  
10: 29: 34 13 there are a lot of other benefits associated  
10: 29: 38 14 with it.

10: 29: 38 15 The level of control that the  
10: 29: 40 16 regulatory agencies have required of us for  
10: 29: 42 17 these CS0 discharges is quite large and the  
10: 29: 46 18 level of green infrastructure that would need  
10: 29: 50 19 to be constructed would have to take place over  
10: 29: 52 20 a very long period of time and wouldn't allow  
10: 29: 54 21 us to meet that time frame that is upon us now.

10: 29: 58 22 MS. KOMARA: How much impact  
10: 30: 00 23 is this construction going to take as far as --  
10: 30: 02 24 I know that some of the ALCOSAN or actually  
10: 30: 04 25 quite a bit goes along the biking trails. How

1 KATHRYN KOMARA - JAN OLIVER

10: 30: 08 2 much impact is that going to have as far as  
10: 30: 12 3 interfering with travel and leisure recreation?

10: 30: 20 4 MS. OLIVER: The tunnel  
10: 30: 20 5 construction does help to minimize that type of  
10: 30: 26 6 interference, but I can't say that there  
10: 30: 28 7 wouldn't be any disturbance. There are places  
10: 30: 32 8 where you have to put the tunnel system in and  
10: 30: 34 9 places where you have to receive, and then  
10: 30: 36 10 there are shafts to collect and connect the  
10: 30: 40 11 flow to the tunnel system. So there will be  
10: 30: 42 12 some disturbance associated with it. We have  
10: 30: 46 13 always tried to make our construction work  
10: 30: 48 14 within the activities of the current land use.

10: 30: 54 15 MS. KOMARA: My last question  
10: 30: 54 16 is that I know we have public comments, and we  
10: 30: 58 17 have meetings and so on and so forth.

10: 31: 02 18 Actually, I've gone to our municipal meetings,  
10: 31: 04 19 and I know that really what the bottom line is  
10: 31: 08 20 that it's already a done deal even though you  
10: 31: 10 21 have public comments and things like that.

10: 31: 14 22 So I thank you for allowing the  
10: 31: 16 23 public to comment. I have a feeling that all  
10: 31: 18 24 of this is already a done deal. I'm sorry  
10: 31: 24 25 about that, but I hope that you at least try to

1 ARLETTA SCOTT WILLIAMS - TOM HOFFMAN

10: 31: 30 2 continue to promote green technology and our  
10: 31: 32 3 water system, and I thank you.

10: 31: 38 4 MS. WILLIAMS: Thank you.

10: 31: 38 5 Water quality, water quality enhancement is the  
10: 31: 42 6 end goal of all of this. It's not pure  
10: 31: 46 7 compliance. We need to improve water quality.  
10: 31: 50 8 I think I need to go to my list first, and then  
10: 31: 56 9 we will get to everybody else.

10: 31: 56 10 MR. HOFFMAN: Just one quick  
10: 31: 56 11 question.

10: 31: 56 12 MS. WILLIAMS: I think Tom is  
10: 32: 08 13 one of our speakers. Is this in addition to,  
10: 32: 08 14 Tom?

10: 32: 08 15 MR. HOFFMAN: Yes. This is in  
10: 32: 30 16 addition. Is there a difference between public  
10: 32: 32 17 comment and public testimony? You've used both  
10: 32: 38 18 words. Is there any difference?

10: 32: 40 19 MS. WILLIAMS: It's the public  
10: 32: 40 20 comment period during which we are taking  
10: 32: 42 21 testimony. Is that helpful?

10: 32: 50 22 MR. HOFFMAN: It just seems to  
10: 32: 52 23 me when people talk here today, you seem to be  
10: 32: 56 24 calling it comments. Then you have the  
10: 32: 56 25 hearings at the end, and you call that

1 ARLETTA SCOTT WILLIAMS - TOM HOFFMAN

10: 32: 58 2 testimony. I just wondered is there a  
10: 33: 02 3 difference? Are they treated differently?

10: 33: 04 4 MS. WILLIAMS: I would say  
10: 33: 04 5 that the difference is when we get to the last  
10: 33: 06 6 two meetings, we are taking pure statement of  
10: 33: 12 7 whatever you care to share. You're not  
10: 33: 14 8 commenting on something that we are going to be  
10: 33: 18 9 presenting at that time because there is no  
10: 33: 18 10 presentation.

10: 33: 22 11 MR. HOFFMAN: Those are  
10: 33: 22 12 comments then. Okay.

10: 33: 24 13 MS. WILLIAMS: Now, if you  
10: 33: 26 14 come and you've already been to a presentation,  
10: 33: 28 15 you've already read the Wet Weather Plan,  
10: 33: 34 16 you've already slept with the companion  
10: 33: 38 17 document under your book and by osmosis you  
10: 33: 38 18 have absorbed it all and you have something  
10: 33: 42 19 that you want to say, we can call it comment.  
10: 33: 44 20 We can call it testimony. We want to hear it.  
10: 33: 50 21 We want to take it, and hopefully we are not  
10: 33: 54 22 doing anything to obscure how we're attempting  
10: 33: 56 23 to receive that.

10: 34: 00 24 I'm now going to go to my list, and  
10: 34: 04 25 it is a brief list of people who have signed up

1 ARLETTA SCOTT WILLIAMS

10: 34: 10 2 to speak. When you're speaking, you have the  
10: 34: 16 3 opportunity to ask questions, to simply give us  
10: 34: 20 4 a statement, an observation, your opinion, what  
10: 34: 24 5 have you. I only have seven people signed  
10: 34: 26 6 today.

10: 34: 28 7 Once we get to the conclusion of the  
10: 34: 30 8 seven people who have signed who each have  
10: 34: 34 9 three minutes, that's three minutes for you to  
10: 34: 36 10 give us what you want to give us. If there is  
10: 34: 38 11 a need for us to respond, that does not count  
10: 34: 42 12 against your three minutes. Once we conclude  
10: 34: 46 13 these seven people, anybody else who has a  
10: 34: 48 14 question or comment is free to participate at  
10: 34: 48 15 that point.

10: 34: 52 16 I'm going to need you when you come  
10: 34: 54 17 to the microphone to state your name for the  
10: 34: 58 18 stenographer who I'm about to drive crazy over  
10: 35: 02 19 here unfortunately. Again, we are trying to  
10: 35: 04 20 get all of this information in the best way we  
10: 35: 10 21 possibly can because we want to be able to make  
10: 35: 12 22 use of it. So state your name, spell your name  
10: 35: 18 23 for her. She has requested that you spell your  
10: 35: 22 24 name. You give us your name, address, city,  
10: 35: 28 25 state, zip code, and municipality.

1 ARLETTA SCOTT WILLIAMS - MARLANE TUCIBAT

10: 35: 32 2 Once again, if for some reason  
10: 35: 34 3 you're not comfortable in this form, we have a  
10: 35: 38 4 room right here (indicating) where you can do  
10: 35: 42 5 the same thing behind closed doors where no mad  
10: 35: 44 6 stalkers will get your information.

10: 35: 48 7 Somebody could be looking at you  
10: 35: 48 8 right now thinking you're kind of hot and want  
10: 35: 52 9 to follow you home if you make a comment. I  
10: 35: 56 10 don't know. Come on. We've got to break this  
10: 35: 58 11 up a little bit. This is not the end of the  
10: 36: 00 12 world. It's a huge endeavor. We will get  
10: 36: 02 13 through it.

10: 36: 04 14 My first speaker I'm not going to  
10: 36: 06 15 massacre your last name, Marlane Tucibat, come  
10: 36: 06 16 on down.

10: 36: 24 17 MS. TUCIBAT: Marlane,  
10: 36: 26 18 M-A-R-L-A-N-E, T-U-C-I-B-A-T, 16 Sedgewick  
10: 36: 34 19 Street, Millvale, Pennsylvania, 15209.

10: 36: 42 20 You had mentioned previously about  
10: 36: 46 21 grant money for this project. How much grant  
10: 36: 50 22 money do you know or if you know are we going  
10: 36: 56 23 to get towards this project?

10: 37: 00 24 MS. WILLIAMS: Did we talk  
10: 37: 04 25 about grant money for this project? We talked

1 ARLETTA SCOTT WILLIAMS - MARLANE TUCIBAT

10: 37: 06 2 about grants for some of the municipal projects  
10: 37: 10 3 that have been a prelude to where we are today.  
10: 37: 12 4 Right now there is no funding. There is no pot  
10: 37: 14 5 of money in place, no discrete funding set  
10: 37: 18 6 aside for this particular issue.

10: 37: 20 7 Now, I would also point out that we  
10: 37: 24 8 probably wouldn't have anticipated ten years  
10: 37: 28 9 ago that there would have been stimulus funding  
10: 37: 30 10 available when it was a few years ago.  
10: 37: 32 11 Anything is possible.

10: 37: 34 12 It could be funds that are made  
10: 37: 36 13 available for a variety of reasons, but right  
10: 37: 42 14 now there is no funding. This is unfortunately  
10: 37: 44 15 to be born on our backs, the ratepayers. When  
10: 37: 46 16 I say ratepayers, I mean people who are  
10: 37: 48 17 ratepayers within the ALCOSAN service area  
10: 37: 52 18 because this is not a taxing issue. So there  
10: 37: 58 19 are no taxes that are going to be allocated to  
10: 38: 02 20 this. It's all ratepayer funds.

10: 38: 06 21 MS. TUCIBAT: Is there any way  
10: 38: 08 22 that you can apply for grant monies for this  
10: 38: 10 23 project?

10: 38: 12 24 MS. WILLIAMS: We apply for  
10: 38: 12 25 funding constantly. We have people who are

1 ARLETTA SCOTT WILLIAMS - MARLANE TUCIBAT

10: 38: 16 2 constantly in front of our state legislature  
10: 38: 20 3 and our federal legislators attempting to first  
10: 38: 26 4 identify sources of funding.

10: 38: 28 5 Sometimes you can find funding in  
10: 38: 30 6 obscure places. For water and sewer issues,  
10: 38: 34 7 you wouldn't necessarily look at transportation  
10: 38: 36 8 funding, but we have been successful in the  
10: 38: 40 9 past in getting some funding for projects  
10: 38: 42 10 through the transportation pot.

10: 38: 46 11 There have been areas where when a  
10: 38: 48 12 highway went in, there was some disruption to  
10: 38: 52 13 the sewer system. So you can kind of bend that  
10: 38: 54 14 argument and seek funding there. Again, we  
10: 38: 58 15 turn over rock over possible looking for  
10: 39: 02 16 whatever we can get. We're talking about \$2  
10: 39: 06 17 billion, but we will look for \$50,000 grants.  
10: 39: 12 18 We'll look for \$500,000 grants.

10: 39: 16 19 MS. TUCIBAT: I have an  
10: 39: 18 20 article here that was in August of last year  
10: 39: 18 21 about U.S. considering Pakistan dam project \$12  
10: 39: 26 22 billion. Pakistan, Al-Qaida. America, wake  
10: 39: 32 23 up. Let's take care of home first, not our  
10: 39: 36 24 enemies.

10: 39: 38 25 There should be some way that our

1 ARLETTA SCOTT WILLIAMS - MARLANE TUCIBAT

10: 39: 42 2 Senators and Congressmen can get money and help  
10: 39: 46 3 for this project that is a necessity for us  
10: 39: 52 4 tax-paying Americans all our lives, and it  
10: 39: 56 5 should be put on the backs of us again and  
10: 39: 58 6 again and again? When is it going to stop?  
10: 40: 02 7 When will it stop?

10: 40: 02 8 Somebody has to get out there and  
10: 40: 06 9 apply. There is money everywhere. There's all  
10: 40: 08 10 kind of grant monies. Somebody has got to get  
10: 40: 12 11 in there and ask for it, and it should be this  
10: 40: 20 12 is a necessity. I mean, every time you turn  
10: 40: 20 13 around, here you go, America. It's put on you  
10: 40: 22 14 again.

10: 40: 24 15 This is something that it's not a  
10: 40: 26 16 luxury for us. It is a necessity. So maybe  
10: 40: 32 17 you folks can get on our Senators and  
10: 40: 36 18 Congressmen and representatives. They are  
10: 40: 40 19 supposed to be in there for us. Let's go get  
10: 40: 42 20 our money.

10: 40: 42 21 MS. WILLIAMS: And we do. We  
10: 40: 46 22 have an excellent relationship with all of them  
10: 40: 48 23 both on the state and federal level. We are  
10: 40: 52 24 before them. We have educated them. Over the  
10: 40: 56 25 last 20 years, of course, you have had an

1 ARLETTA SCOTT WILLIAMS - MARLANE TUCIBAT

10: 41: 00 2 evolution of who is sitting in those seats, but  
10: 41: 02 3 they have been very receptive and they have  
10: 41: 04 4 brought over -- 65 million?

10: 41: 10 5 MS. OLIVER: Over 60.

10: 41: 10 6 MS. WILLIAMS: Over \$60  
10: 41: 12 7 million to this region that has gone to  
10: 41: 16 8 municipalities to help them take flows out  
10: 41: 18 9 because, again, we're talking about attempting  
10: 41: 22 10 to minimize the amount of flow that needs to be  
10: 41: 26 11 treated.

10: 41: 26 12 So they have worked hard, and we do  
10: 41: 32 13 have champions in Washington. We just need  
10: 41: 40 14 more because it's not just Pittsburgh and  
10: 41: 40 15 Allegheny County. It's across the country. So  
10: 41: 42 16 there are a lot of people competing for the  
10: 41: 46 17 limited funding that's out there, but we hear  
10: 41: 48 18 you and we agree.

10: 41: 50 19 MS. TUCIBAT: I appreciate  
10: 41: 52 20 that. I just wanted to bring this out because  
10: 41: 54 21 this is heartbreaking when you hear our money  
10: 41: 58 22 goes overseas, and we are sitting here in need.  
10: 42: 04 23 Thank you.

10: 42: 14 24 MS. WILLIAMS: Thank you.

10: 42: 16 25 Next I have Merritt Bussiere.

1

MERRITT BUSSIERE

10: 42: 20

2

MR. BUSSIERE: Thank you. I

10: 42: 22

3

just wanted to make a statement. I'm Merritt

10: 42: 22

4

Bussiere, 3001 Marshall avenue, Apartment 305,

10: 42: 30

5

Pittsburgh, 15214. Bussiere is spelled

10: 42: 34

6

B-U-S-S-I-E-R-E.

10: 42: 36

7

I'm with the Clean Rivers Campaign.

10: 42: 38

8

I want to thank you for your efforts to develop

10: 42: 42

9

the Draft Wet Weather Plan and we at the Clean

10: 42: 44

10

Rivers Campaign know that you're working hard

10: 42: 48

11

to meet the daunting terms of the Consent

10: 42: 50

12

Decree. We understand that.

10: 42: 50

13

That said, the draft plan basically

10: 42: 52

14

offers what we perceive as an old gray

10: 42: 56

15

industrial underground program for collecting,

10: 42: 58

16

conveying, storing and treating system flows.

10: 43: 00

17

While we don't think that the big fix in the

10: 43: 04

18

ALCOSAN service area can be accomplished

10: 43: 08

19

without some gray facilities and we understand

10: 43: 10

20

that green infrastructure is just one important

10: 43: 14

21

form of source reduction, we strongly believe

10: 43: 16

22

that is an historic once in our lifetime

10: 43: 20

23

opportunity to make a substantial investment in

10: 43: 22

24

green infrastructure.

10: 43: 22

25

While ratepayers and public

## MERRITT BUSSIÈRE

officials and business owners will not see the direct results of most of the gray spending, the benefits of green investment are quite visible, and Ms. Oliver covered some of those benefits in her presentation.

Reducing water management needs with potential lower costs for rate payers, creating neighborhood amenities, increasing property values, sparking community revitalization, enhancing business development and air quality and the list goes on and on, we understand that the Pittsburgh area is unique. There are steep slopes, clay soils, multiple jurisdictions, numerous rainfall events. The system treatment facilities are located at the end of the pipe. Your agency does not believe that you can finance green facilities on properties it does not own and so on.

Every region has barriers. Every district has barriers, but progressive districts treat such barriers as challenges or even opportunities to pursue source reduction through and financing for and build partnerships around green infrastructure

1

## MERRITT BUSSIERE

10: 44: 28

2

opportunities and they do this with zeal and

10: 44: 30

3

creativity. They have developed different

10: 44: 34

4

culture, a different ethic about how to proceed

10: 44: 36

5

with this kind of a big project.

10: 44: 38

6

At the Clean Rivers Campaign, we're

10: 44: 40

7

looking around the United States where many

10: 44: 42

8

jurisdictions struggle to manage overflows and

10: 44: 46

9

we're seeing examples of including both strong

10: 44: 50

10

green and gray components but also looking at

10: 44: 54

11

ways to green their way to gray.

10: 44: 54

12

Milwaukee, District of Columbia,

10: 44: 58

13

Kansas City, Seattle, Chicago, Syracuse, New

10: 45: 00

14

York City, Philadelphia and Lancaster right

10: 45: 02

15

here in our own state. Many districts have

10: 45: 04

16

determined that green approaches will save the

10: 45: 08

17

ratepayers money, but whatever we spend whether

10: 45: 08

18

green costs the same amount as gray or less, if

10: 45: 10

19

we are going to spend billions of dollars to

10: 45: 14

20

solve a water quality and public health

10: 45: 16

21

problem, why not do so in ways that are rich in

10: 45: 20

22

community amenities and environmental benefit.

10: 45: 22

23

I'm hoping that any negotiations

10: 45: 24

24

that emerge with the regulators that this is a

10: 45: 26

25

creative process and one that really looks at

1 MERRITT BUSSIÈRE - SEAN BRADY

10: 45: 28 2 these other examples around the country so that  
10: 45: 32 3 we can learn from them. My full remarks are  
10: 45: 36 4 attached to the comment form.

10: 45: 42 5 MS. WILLIAMS: Thank you very  
10: 45: 44 6 much. We appreciate that. Next, Sean Brady.

10: 45: 50 7 MR. BRADY: My name is Sean  
10: 45: 52 8 Brady, S-E-A-N, B-R-A-D-Y, 3323 Delaware  
10: 45: 56 9 Street, Pittsburgh, 15214. I have three  
10: 46: 02 10 questions regarding leadership engagement and  
10: 46: 06 11 incentives to follow up on some earlier  
10: 46: 10 12 comments.

10: 46: 10 13 You would think that with our hills  
10: 46: 12 14 and our rainfall and our flowing water around  
10: 46: 16 15 here that Pittsburgh would really have some  
10: 46: 18 16 expertise in this area in terms of storm water  
10: 46: 20 17 management. It doesn't seem that's the case.

10: 46: 24 18 I guess in terms of leadership, my  
10: 46: 28 19 question is, is ALCOSAN going to exhibit the  
10: 46: 30 20 leadership to develop the expertise so that  
10: 46: 34 21 Pittsburgh can actually not only solve our own  
10: 46: 38 22 problems but serve as a model for other areas  
10: 46: 42 23 in the United States?

10: 46: 42 24 The second question is how much  
10: 46: 46 25 engagement was undertaken to seek out the

1

SEAN BRADY

10: 46: 50

2

expertise among conservation organizations in

10: 46: 54

3

terms of storm water management through green

10: 46: 58

4

infrastructure?

10: 46: 58

5

I realize that you don't own the

10: 47: 00

6

land. You can't force or control the

10: 47: 02

7

municipalities to implement green

10: 47: 06

8

infrastructure, but are there some sort of

10: 47: 08

9

incentives that you can offer? You don't have

10: 47: 12

10

grant money for that. Can you give rate

10: 47: 14

11

incentives?

10: 47: 16

12

You're going to spend -- you're

10: 47: 18

13

putting out a proposal here for billions of

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dollars to build huge amounts of infrastructure

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to vastly inconvenience everybody who uses

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riverfront trails, rivers. There is going to

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be a long, long time to build that

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infrastructure not to mention the cost. Isn't

10: 47: 38

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that worth something? Can't you provide

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certain rate discounts to municipalities or

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individuals?

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There are property owners that own

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hundreds, if not thousands, of acres of area

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that serve two purposes. One, if they're

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undeveloped now, they serve as green

1 SEAN BRADY - ARLETTA SCOTT WILLIAMS

10: 47: 56 2 infrastructure now. If they were to be  
10: 48: 00 3 developed, you would lose that benefit and the  
10: 48: 02 4 storm water problem would get worse.

10: 48: 04 5 Second, can they implement new green  
10: 48: 06 6 infrastructure through permeable surfaces,  
10: 48: 10 7 bioswales, those types of things that I assume  
10: 48: 10 8 at this point you know about.

10: 48: 14 9 So those are my questions. Are you  
10: 48: 16 10 guys going to be the leader? Are you going to  
10: 48: 16 11 develop that expertise? Are you going to  
10: 48: 16 12 complete the process of engaging organizations  
10: 48: 24 13 and municipalities and landowners who actually  
10: 48: 26 14 do own the land; and, three, can you provide  
10: 48: 28 15 some incentives?

10: 48: 32 16 MS. WILLIAMS: Thank you.  
10: 48: 34 17 Right now it is not our mission nor intention  
10: 48: 38 18 at this moment as I stand here to be the storm  
10: 48: 42 19 water leader. That can change, and we will get  
10: 48: 48 20 that guidance from on high, so to speak.  
10: 48: 52 21 Somebody else will make that decision. If  
10: 48: 54 22 that's the case, we will embrace it as we  
10: 48: 58 23 embrace every other task that we're challenged  
10: 49: 02 24 with. Right now that is not part of our  
10: 49: 06 25 program.

1 SEAN BRADY - ARLETTA SCOTT WILLIAMS

10: 49: 10 2 MR. BRADY: That sounds like  
10: 49: 12 3 you're going to continue in a sort of reactive  
10: 49: 14 4 mode rather than a proactive mode.

10: 49: 14 5 MS. WILLIAMS: There are  
10: 49: 16 6 people who are in a position to be storm water  
10: 49: 18 7 management leaders. If that's the case, we  
10: 49: 22 8 would certainly support those people.

10: 49: 24 9 MR. BRADY: Maybe they should  
10: 49: 26 10 be in charge rather than ALCOSAN.

10: 49: 30 11 MS. WILLIAMS: Absolutely.  
10: 49: 30 12 That's why I say there are people who are  
10: 49: 32 13 better positioned right now to do that.

10: 49: 36 14 MR. BRADY: Shouldn't you have  
10: 49: 36 15 people like that on staff?

10: 49: 40 16 MS. WILLIAMS: I mean  
10: 49: 40 17 organizations and entities. I don't mean  
10: 49: 42 18 individual bodies. This is not something that  
10: 49: 44 19 me having duplicated Jan as another director is  
10: 49: 50 20 going to address.

10: 49: 52 21 We need organization to address this  
10: 49: 52 22 and, again, right now that's not us. It could  
10: 49: 56 23 be us, probably should be somebody else; but  
10: 49: 58 24 whatever it is, we're all going to end up  
10: 50: 00 25 working together. Those conversations are

1 SEAN BRADY - ARLETTA SCOTT WILLIAMS

10: 50: 02 2 taking place right now.

10: 50: 04 3 The second question about  
10: 50: 06 4 incentives. As our rate structure is currently  
10: 50: 10 5 in place, there is no room for incentives, but  
10: 50: 14 6 as I said before, we're looking at revamping  
10: 50: 18 7 and revising that to see what the options could  
10: 50: 20 8 be. That's a work in progress. The third  
10: 50: 26 9 question was?

10: 50: 30 10 MR. BRADY: Engagement. What  
10: 50: 30 11 organizations? I heard reference to Three  
10: 50: 34 12 Rivers Wet Weather. Did you talk to Land  
10: 50: 38 13 Trust? Did you talk to other scientists or?

10: 50: 38 14 MS. WILLIAMS: Allegheny Land  
10: 50: 38 15 Trust has been part of the conversation. Our  
10: 50: 44 16 regional stakeholders group has somewhere  
10: 50: 46 17 between 35 and 40 members who represent a  
10: 50: 48 18 broad-based constituency out there and some of  
10: 50: 54 19 those that you're identifying participated on  
10: 50: 56 20 that group.

10: 50: 58 21 Tom, who I think is over here  
10: 51: 00 22 (indicating), he is a part of that group.  
10: 51: 02 23 We've got folks from Nine Mile Run. We have a  
10: 51: 08 24 number. We do have people engaged in the  
10: 51: 12 25 process, and, of course, that conversation

1 SEAN BRADY - ARLETTA SCOTT WILLIAMS

10: 51: 16 2 moves beyond just that committee engaging  
10: 51: 18 3 because you start to form those relationships.  
10: 51: 20 4 So, yes, we are engaging these people and  
10: 51: 22 5 trying to move the agenda forward.

10: 51: 28 6 MR. BRADY: It doesn't seem  
10: 51: 28 7 like it's very inspired work. You didn't  
10: 51: 32 8 include any analysis of the green  
10: 51: 34 9 infrastructure in your plan or possible  
10: 51: 36 10 incentives to encourage someone who could  
10: 51: 40 11 implement green infrastructure. It's kind of a  
10: 51: 44 12 sad state. It's a sad state of affairs in  
10: 51: 50 13 Pittsburgh. You guys are in charge of this  
10: 51: 52 14 project, and it's a sad moment in our history.  
10: 51: 54 15 I hope we move forward from this.

10: 51: 58 16 MS. WILLIAMS: We are going to  
10: 51: 58 17 move forward one way or another. One hour from  
10: 52: 04 18 now, it will be one hour from now. We are  
10: 52: 06 19 going to move forward, and we are always going  
10: 52: 06 20 to take what you're bringing to us and try to  
10: 52: 08 21 make improvements.

10: 52: 10 22 I know that there are those of you  
10: 52: 12 23 sitting out there who think just as our first  
10: 52: 14 24 speaker mentioned, it's a done deal. We're  
10: 52: 16 25 just out here because we have to be out here.

1 ARLETTA SCOTT WILLIAMS - JAN OLIVER

10: 52: 20 2 I don't just like to come out here and have to  
10: 52: 22 3 engage like this. I would prefer to sit across  
10: 52: 26 4 the table and have spaghetti and kick back and  
10: 52: 32 5 talk about it casually.

10: 52: 32 6 We're out here because we are trying  
10: 52: 34 7 to get people into the process. Now, through  
10: 52: 38 8 the process of planning, we had engineering  
10: 52: 44 9 firms who were assigned to each of our seven  
10: 52: 48 10 planning basins, and there was some attempt to  
10: 52: 50 11 at least identify where green could be  
10: 52: 52 12 incorporated. Jan.

10: 52: 56 13 MS. OLIVER: That's very true.  
10: 52: 58 14 At each of those basins an analysis was done to  
10: 53: 02 15 see where green would be cost-effective or  
10: 53: 04 16 where it could be introduced into part of the  
10: 53: 06 17 controls. It's just that, as Arletta mentioned  
10: 53: 08 18 earlier, by the time the flows get to the  
10: 53: 10 19 ALCOSAN system which is what we have to develop  
10: 53: 14 20 a plan around, the flows are already so  
10: 53: 14 21 commingled that some type of green control  
10: 53: 16 22 would not have been cost-effective and they did  
10: 53: 20 23 not show to be cost-effective.

10: 53: 22 24 There are areas of this plan though  
10: 53: 26 25 that are adaptive. Because it's unaffordable,

1 JAN OLIVER - TOM HOFFMAN

10: 53: 28 2 there are many overflows that will go  
10: 53: 32 3 uncontrolled, and those are areas that may be  
10: 53: 34 4 down the road as development occurs and people  
10: 53: 38 5 adopt new green infrastructure types of  
10: 53: 40 6 development that they will be used as our  
10: 53: 42 7 method of CS0 control. It was evaluated.

10: 53: 50 8 MS. WILLIAMS: Thank you  
10: 53: 54 9 again, Sean. Tom, you're up.

10: 53: 58 10 MR. HOFFMAN: Tom Hoffman,  
10: 54: 06 11 H-O-F-F-M-A-N. I'm with Clean Water Action and  
10: 54: 12 12 the Clean Rivers Campaign. I live at 7115  
10: 54: 18 13 Willard Street, Pittsburgh, 15208.

10: 54: 24 14 In terms of an official position,  
10: 54: 26 15 I'm going to defer to what -- Merritt has our  
10: 54: 32 16 position, and we're one of the partners of that  
10: 54: 36 17 campaign.

10: 54: 36 18 I just wanted to mention a few  
10: 54: 38 19 things for people. The idea of green  
10: 54: 44 20 infrastructure at least from the EPA's  
10: 54: 48 21 viewpoint, they have said we think the science  
10: 54: 52 22 is in on that. We think it works. It's not a  
10: 54: 54 23 new thing. They have told us we don't really  
10: 54: 58 24 fund demonstration projects anymore because we  
10: 55: 02 25 know it works.

1

TOM HOFFMAN

10: 55: 02 2

The problem is that it needs to be

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on a big scale, and I think you have mentioned

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that. It really needs to be a lot of it to

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really start reducing that flow. The problem

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we see is that those municipalities that you

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keep saying they have to do this, they're

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tapped out because they had to fix all the

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busted stuff that they have been having to look

10: 55: 28 10

at.

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So they're kind of tapped out and to

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say well, green infrastructure is great but the

10: 55: 36 13

municipalities have to deal with it, but the

10: 55: 38 14

problem is they don't have any money to do it.

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So the only real money that's around is what's

10: 55: 44 16

going to get raised to pay for the \$2 billion

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we're talking about.

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I also wanted to point out to people

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that right behind this there is going to be the

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same kind of requirements for us to fix our

10: 56: 02 21

storm water, the quality of the storm water

10: 56: 06 22

that runs off parking lots and streets and in

10: 56: 10 23

the cities. So we are going to have to address

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that problem too.

10: 56: 14 25

I guess one of the things we're

1 TOM HOFFMAN - ARLETTA SCOTT WILLIAMS

10: 56: 16 2 thinking is that maybe we could look at this  
10: 56: 18 3 problem and that problem together and do a lot  
10: 56: 22 4 more green infrastructure because that's  
10: 56: 26 5 clearly the way to solve that second problem.  
10: 56: 28 6 I'm done. Thank you.

10: 56: 40 7 MS. WILLIAMS: Thank you, Tom.  
10: 56: 40 8 The observation that the communities do not  
10: 56: 42 9 have the financial resources to implement green  
10: 56: 50 10 infrastructure, ultimately whatever the  
10: 56: 52 11 implementation is whether it is through the  
10: 56: 58 12 municipalities which is the only mechanism  
10: 57: 00 13 available right now or in some miraculous way  
10: 57: 04 14 it's through ALCOSAN, it's the ratepayer who is  
10: 57: 08 15 going to pay for it. There is a single  
10: 57: 14 16 ratepayer, John Q ratepayer. There is not a  
10: 57: 18 17 municipal ratepayer and then an ALCOSAN  
10: 57: 20 18 ratepayer. It is you; it is me.

10: 57: 24 19 There is no huge reserve of money at  
10: 57: 30 20 ALCOSAN that we're holding onto to be able to  
10: 57: 32 21 throw at this at some point. It's all going to  
10: 57: 36 22 come from our pockets. If we can't afford it  
10: 57: 42 23 one way, we can't afford it another way which  
10: 57: 46 24 is how we have come to move from a 3.6 billion  
10: 57: 50 25 dollar plan to a 2 billion dollar plan.

1 ARLETTA SCOTT WILLIAMS - PAUL MANION

10: 57: 52 2 If you take the green issue away  
10: 57: 54 3 completely, we have to recognize the financial  
10: 57: 58 4 capability of the ratepayer, once again you and  
10: 58: 00 5 I the people who are going to be paying for  
10: 58: 04 6 this. We will continue the green conversation.

10: 58: 08 7 Is there a benefit to economy of  
10: 58: 10 8 scale? Yes, there is, but only to a certain  
10: 58: 14 9 point. I've been quoted as saying you can't  
10: 58: 16 10 get blood from a turnip. I have become an  
10: 58: 20 11 expert on the morphology of turnips. We are  
10: 58: 26 12 going to go in there, and we are going to give  
10: 58: 28 13 it our best effort with EPA and the agencies.  
10: 58: 30 14 We are going to come back with the best overall  
10: 58: 34 15 plan that we can. Taking your comments, your  
10: 58: 36 16 opinions, your preferences with us will be very  
10: 58: 40 17 helpful. Next on the list is Paul Menton  
10: 58: 40 18 (sic).

10: 59: 06 19 MR. MANION: My name is Paul  
10: 59: 08 20 Manion. I live at 8 Glenview Drive,  
10: 59: 10 21 Pittsburgh, Pennsylvania, 15237. That's  
10: 59: 16 22 M-A-N-I-O-N.

10: 59: 20 23 My question concerns the  
10: 59: 22 24 interrelationship between ALCOSAN's  
10: 59: 24 25 responsibilities with respect to sewage and the

1 ARLETTA SCOTT WILLIAMS - PAUL MANION

10: 59: 26 2 municipalities and the agencies and authorities  
10: 59: 30 3 that deliver water into the ALCOSAN system.

10: 59: 36 4 When one looks at the map of  
10: 59: 38 5 ALCOSAN's service area, you find that  
10: 59: 44 6 particularly in the urban areas of the city and  
10: 59: 46 7 going east toward Penn Hills, north over the  
10: 59: 52 8 Allegheny River, down beyond the Ohio, these  
10: 59: 56 9 are basically combined sewer systems.

11: 00: 00 10 More specifically, my questions  
11: 00: 02 11 concern the death of four people on August 19  
11: 00: 06 12 of last year on Washington Boulevard when the  
11: 00: 12 13 depth of the water reached 13 feet and rubber  
11: 00: 16 14 rafts sent to try to alleviate the situation  
11: 00: 20 15 never even detected a van of about seven foot  
11: 00: 26 16 in height with two children and a mother who  
11: 00: 34 17 drowned.

11: 00: 34 18 As I understand it and from what  
11: 00: 36 19 studies I have done, there are two lines owned  
11: 00: 42 20 or operated by the Pittsburgh Water and Sewer  
11: 00: 44 21 Authority that run down Washington Boulevard  
11: 00: 48 22 from the Negley Run area that are ten feet and  
11: 00: 50 23 nine feet in diameter. They feed into the  
11: 00: 56 24 ALCOSAN system right down in what is and has  
11: 01: 00 25 been for 50 years a man-made drowning pool

1 ARLETTA SCOTT WILLIAMS - PAUL MANION

11:01:10 2 created by agencies of the city and the county  
11:01:14 3 where people drowned 50 years ago. There are  
11:01:20 4 injuries every five years with sewage.

11:01:26 5 What happened on August 19 of last  
11:01:28 6 year where the system is supposed to shunt the  
11:01:32 7 water coming down through the PWSA system into  
11:01:38 8 the river where ALCOSAN can't handle it? What  
11:01:44 9 happened at the interceptor level, and why did  
11:01:48 10 water back up to the depth of 13 feet?

11:01:56 11 MS. WILLIAMS: Mr. Manion, we  
11:02:00 12 are not going to talk about the Washington  
11:02:02 13 Boulevard incident today. It was a  
11:02:04 14 regrettable, tragic incident, but that is not  
11:02:08 15 what we're here to discuss today.

11:02:08 16 MR. MANION: And that's a  
11:02:08 17 storm water and sewer water responsibility of  
11:02:16 18 ALCOSAN.

11:02:16 19 MS. WILLIAMS: I respectfully  
11:02:18 20 decline to discuss that in this venue.

11:02:24 21 MR. MANION: Why?

11:02:24 22 MS. WILLIAMS: I decline to  
11:02:26 23 discuss it in this venue.

11:02:30 24 MR. MANION: What venue will  
11:02:32 25 you discuss it? In court?

1 ARLETTA SCOTT WILLIAMS - PAUL MANION

11:02:32 2 MS. WILLIAMS: I decline to  
11:02:32 3 discuss it in this venue.

11:02:34 4 MR. MANION: You're a public  
11:02:34 5 agency all right. You refuse to discuss the  
11:02:38 6 responsibilities of ALCOSAN for that incident  
11:02:42 7 and what happened.

11:02:46 8 MS. WILLIAMS: Mr. Manion,  
11:02:46 9 this has transitioned into litigation, and I am  
11:02:52 10 not at liberty to discuss these matters.

11:02:58 11 MR. MANION: There is no  
11:02:58 12 litigation pending in that case yet.

11:03:02 13 MS. WILLIAMS: Mr. Manion, I  
11:03:04 14 am not going to discuss this matter in this  
11:03:06 15 venue because it has transitioned into  
11:03:10 16 litigation.

11:03:10 17 MR. MANION: Where?

11:03:12 18 MS. WILLIAMS: That's the end  
11:03:12 19 of this dialogue. We are trying to be mindful  
11:03:46 20 of the stenographer's needs. I have two more  
11:03:48 21 speakers, and she is going to need to take a  
11:03:50 22 break after that.

11:03:52 23 I've already told you that anybody  
11:03:54 24 who is not signed, we will give you equal time  
11:03:58 25 to participate; but just understand once I get

1 ARLETTA SCOTT WILLIAMS - HEIDI NEVALA

11:04:02 2 through these next two, we are going to need to  
11:04:04 3 take at least a five-minute break. The next  
11:04:08 4 speaker is Heidi Nevala.

11:04:24 5 MS. NEVALA: My name is Heidi  
11:04:26 6 Nevala, N-E-V-A-L-A. I'm here on behalf of  
11:04:30 7 County Controller Chelsa Wagner. I wanted to  
11:04:34 8 thank you and your staff for coming out. I  
11:04:36 9 appreciate the efforts you're making to work  
11:04:38 10 with the municipalities.

11:04:40 11 Most of my questions were answered  
11:04:42 12 by the first speaker about the green  
11:04:44 13 infrastructure. Controller Wagner is a big  
11:04:50 14 advocate of the green infrastructure, and I  
11:04:50 15 realize just from listening today and from the  
11:04:52 16 questions we need to work with the  
11:04:52 17 municipalities to get them on board as well.

11:04:56 18 I just had a question. During the  
11:04:58 19 proposal, have you worked or looked at any  
11:05:00 20 other cities and their plans, Philadelphia or  
11:05:06 21 Cleveland, Indianapolis? I was just wondering  
11:05:12 22 because some of the cities show that, for  
11:05:14 23 example, in Indianapolis the city saved \$740  
11:05:20 24 million over their original plan by identifying  
11:05:22 25 some of the green structures put in place.

1 ARLETTA SCOTT WILLIAMS - HEIDI NEVALA

11:05:24 2 MS. WILLIAMS: Absolutely. We  
11:05:26 3 have looked at numerous cities because, as I  
11:05:28 4 said, and I think we all recognize we are not  
11:05:32 5 in this alone. There are many other parts of  
11:05:36 6 the country who have either dealt with this  
11:05:38 7 issue or are dealing with it right now. So we  
11:05:40 8 do have a lot of information on those other  
11:05:44 9 cities.

11:05:46 10 Philadelphia, as a comparison right  
11:05:50 11 here in the state, Philadelphia has a little  
11:05:54 12 bit of a different scenario. Philadelphia's  
11:05:58 13 order is a state order. They do not have a  
11:06:02 14 Consent Decree with the federal agency, with  
11:06:04 15 EPA and the Department of Justice like we do.

11:06:08 16 So they're dealing with their issues  
11:06:10 17 on a state level and their system is a little  
11:06:14 18 bit different and their responsibility is  
11:06:16 19 different as well, whereas our municipalities  
11:06:20 20 hand the flow off to us. We convey it from  
11:06:22 21 that point and then treat it. In Philadelphia,  
11:06:26 22 the city is responsible for all of that. So  
11:06:30 23 they do have the ability to approach the  
11:06:32 24 problem a little differently just because of  
11:06:36 25 the overall control and oversight that they

1 ARLETTA SCOTT WILLIAMS - HEIDI NEVALA

11:06:38 2 have.

11:06:38 3 The references to Indianapolis,  
11:06:44 4 specific numbers I couldn't comment on their  
11:06:46 5 specific numbers and savings. As Jan has said,  
11:06:50 6 the jury is still out on how much of a savings  
11:06:54 7 if a savings would be from green --

11:07:04 8 AUDIENCE MEMBER: There would  
11:07:04 9 be an environmental savings.

11:07:06 10 MS. WILLIAMS: I believe Jan  
11:07:08 11 acknowledged that, and I think she spoke  
11:07:08 12 specifically to air quality, if I recall  
11:07:10 13 correctly, and there are other ancillary  
11:07:14 14 advantages. We don't deny that. Not at all.  
11:07:16 15 We would like to reduce costs overall, and we  
11:07:18 16 would like to get the best return on the  
11:07:22 17 investment that we can, and we think we will by  
11:07:24 18 the time we get to the end of the day.

11:07:26 19 Recognize, and I don't think we  
11:07:28 20 really pursued it in the presentation,  
11:07:32 21 recognize that we are getting your comments.  
11:07:36 22 We are submitting this document to EPA, to the  
11:07:40 23 state, to the county in January of next year.  
11:07:46 24 They have a year to review it.

11:07:46 25 During that year, they're going to

1 ARLETTA SCOTT WILLIAMS - HEIDI NEVALA

11:07:50 2 be receiving comments from you as well.

11:07:52 3 They're reviewing over that year and in the

11:07:56 4 middle of next year in July of 2013, all of the

11:08:00 5 municipalities have to submit plans to dovetail

11:08:04 6 with our plan. This is going to be an ongoing

11:08:06 7 process where things are going to get modified,

11:08:10 8 remolded, redefined.

11:08:12 9 Do I think there will be a wholesale  
11:08:16 10 change? No. I don't think that's the case,

11:08:18 11 but I think there is ample opportunity for

11:08:20 12 things to be modified. Then as we go forward,

11:08:24 13 once we have a final plan, a final program

11:08:28 14 moved forward, there will be adaptive

11:08:32 15 management incorporated into it. That's our

11:08:34 16 overall approach.

11:08:38 17 MS. NEVALA: That's all I  
11:08:38 18 have. Thank you.

11:08:40 19 MS. WILLIAMS: Thank you.  
11:08:42 20 Last I have Kathryn Komara.

11:09:16 21 MS. KOMARA: Kathryn Komara,  
11:09:16 22 K-A-T-H-R-Y-N, K-O-M-A-R-A, 2060 Menold Drive,  
11:09:28 23 M-E-N-O-L-D, Drive. That's Allison Park,  
11:09:36 24 15101.

11:09:38 25 MS. WILLIAMS: For staff, just

1

KATHRYN KOMARA

11:09:40

2

every once in a while you have that trivia.

11:09:44

3

She's Mr. Trent's neighbor.

11:09:46

4

MS. KOMARA: I am. And now

11:09:46

5

that I know that -- no. He's a wonderful guy.

11:09:52

6

MS. WILLIAMS: He has read the

11:09:52

7

entire document and commented on it but

11:09:54

8

proceed.

11:09:58

9

MS. KOMARA: You heard what I

11:09:58

10

said before, although I didn't know it was

11:10:00

11

going to be on record. However, I'm going for

11:10:04

12

the green technology versus the gray. I feel

11:10:08

13

that don't pave paradise and put up a parking

11:10:18

14

lot. I think that green technology is the way

11:10:22

15

to go if you know that they will come. If we

11:10:24

16

set an example, others will follow. I think

11:10:28

17

that we need to do our best, put in our best

11:10:32

18

efforts to go this way.

11:10:36

19

The other thing that I would like to

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say is I would be willing to bet if you put

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this on a ballot come November and you said

11:10:48

22

would you prefer to go green technology and

11:10:50

23

would you like your municipality to get off

11:10:54

24

their butts and go green versus let's charge

11:10:58

25

you how much more dollars for the way that we

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

11:11:00 2 have to do it now or that we're thinking about  
11:11:04 3 doing it now, I bet you I know what their  
11:11:08 4 answers would be.

11:11:08 5 I would think that maybe some more  
11:11:12 6 publicity on this out to the public because  
11:11:16 7 again look how many are here. I don't know how  
11:11:18 8 many have made comments so far, but I think  
11:11:22 9 that we need to get this out there more.

11:11:24 10 I would be willing to bet if you put  
11:11:26 11 out a TV ad giving the people a little rundown  
11:11:32 12 on what's going on, I would be willing to bet  
11:11:36 13 you would get a lot more participation. I  
11:11:38 14 didn't see this on TV. I read the paper, and  
11:11:42 15 I'm fortunate enough that I did. But I would  
11:11:44 16 be willing to bet if you put it on the ballot  
11:11:48 17 and you put this out on a TV ad or what have  
11:11:52 18 you, you would get your participation. So what  
11:11:56 19 about that? Thank you.

11:12:00 20 MS. WILLIAMS: We have been  
11:12:02 21 out doing presentations of this nature since  
11:12:06 22 1999. We have done television ads. We have  
11:12:08 23 been criticized for purchasing television ads  
11:12:12 24 and unfortunately --

11:12:18 25 MS. KOMARA: I have never seen

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

11:12:20 2 one. I would be willing to bet if you put the  
11:12:24 3 ad out and you said your rates are going to  
11:12:26 4 increase significantly to the point where you  
11:12:28 5 are going to scream, it's going to take from  
11:12:36 6 your medications, your food, I would be willing  
11:12:38 7 to bet you would have a lot more people here.  
11:12:42 8 When they get the bill, it's going to be too  
11:12:46 9 late.

11:12:48 10 Believe me, I know you are the  
11:12:48 11 messenger. You seem like a very nice person.  
11:12:52 12 This has nothing to do with you. This is the  
11:12:54 13 bottom line is money and green technology and  
11:12:56 14 environmental safety and all of these other  
11:12:58 15 factors that we're all supposed to be here for.  
11:13:02 16 We all want this. But where is the president  
11:13:08 17 of ALCOSAN? Is he here.

11:13:14 18 MS. WILLIAMS: I'm sorry.  
11:13:14 19 It's me.

11:13:14 20 MS. KOMARA: You are?

11:13:14 21 MS. WILLIAMS: Yes. I am a  
11:13:16 22 very nice person, and I am the person who is  
11:13:16 23 responsible.

11:13:16 24 MS. KOMARA: I said that  
11:13:18 25 wrong. Is she here. Thank you. So what are

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

11: 13: 20 2 you doing as far as telling people their rates  
11: 13: 24 3 are going to significantly increase? I just  
11: 13: 24 4 wanted to ask that question.

11: 13: 24 5 MS. WILLIAMS: I appreciate  
11: 13: 36 6 that. Three years ago the county controller  
11: 13: 38 7 and city controller did a joint audit of the  
11: 13: 40 8 authority where their findings at that point  
11: 13: 44 9 estimated that this solution could cost  
11: 13: 50 10 anywhere between \$10 billion and \$50 billion.  
11: 13: 52 11 It was all over the papers.

11: 13: 56 12 There was a certain expectation that  
11: 13: 58 13 there would be shock value associated with it  
11: 14: 00 14 and people would be drawn to it like a magnet.  
11: 14: 04 15 Most people looked at it and said I'm not  
11: 14: 06 16 worried about that. Nobody is going to let  
11: 14: 08 17 that happen. The politicians will take care of  
11: 14: 12 18 it.

11: 14: 12 19 No politicians took care of it. We  
11: 14: 14 20 worked vigorously, as we always have, to get a  
11: 14: 22 21 plan that is less than compliant but  
11: 14: 28 22 affordable. It's less than compliant today.  
11: 14: 30 23 That 2 billion dollar plan today has to be  
11: 14: 34 24 amended in the future. We eventually still  
11: 14: 36 25 have to get to compliance. That's behind all

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

11: 14: 40 2 of this. That will be beyond 2026 as we have  
11: 14: 46 3 projected it, but we are still going to have to  
11: 14: 50 4 meet those goals.

11: 14: 50 5 We do everything humanly possible to  
11: 14: 54 6 engage the public. Our open house is the best  
11: 14: 58 7 venue. Our largest crowd at open house is  
11: 15: 04 8 2,500 people all of whom were introduced to  
11: 15: 10 9 these topics and have been over many years, our  
11: 15: 16 10 12th year of open house. It is September 15.  
11: 15: 20 11 You have the flyer. It's a great opportunity  
11: 15: 26 12 for people to be educated in a fun mechanism.  
11: 15: 32 13 Please ask somebody to come. The first open  
11: 15: 34 14 house I ever had I was so happy when 150 people  
11: 15: 40 15 showed up. We just keep plugging at it.

11: 15: 44 16 We have a scholastic program because  
11: 15: 46 17 my personal belief is people will do anything  
11: 15: 50 18 for their children. Recycling programs are  
11: 15: 52 19 effective because they went into the school,  
11: 15: 54 20 and they went through children. Children went  
11: 15: 58 21 home and told their mother and their father  
11: 16: 00 22 don't put that paint down the drain. Don't  
11: 16: 02 23 pour antifreeze down the drain. That's why  
11: 16: 06 24 recycling programs work.

11: 16: 08 25 Likewise, we have gone into the

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

11: 16: 10 2 schools to educate through Frankie, through the  
11: 16: 14 3 scholastic system to educate children who then  
11: 16: 18 4 take that information home to their parents.  
11: 16: 22 5 By the way, one day those children will be  
11: 16: 24 6 ratepayers. We push the envelope as much as we  
11: 16: 28 7 possibly can.

11: 16: 30 8 Do we buy commercials in the middle  
11: 16: 32 9 of prime time? Absolutely not, because  
11: 16: 36 10 somebody would be blowing my head off, but  
11: 16: 38 11 anyway, I can get to people. I want to get to  
11: 16: 42 12 people, and I'm saying I because, yes, I'm not  
11: 16: 46 13 just a messenger. This is my plan. I believe  
11: 16: 48 14 in this plan. I signed the Consent Decree.

11: 16: 52 15 I signed the Consent Decree on my  
11: 16: 56 16 son's seventh birthday. Last Monday he entered  
11: 17: 00 17 seventh grade. He's 12 years old. We are just  
11: 17: 04 18 going to keep moving the ball, moving the  
11: 17: 06 19 process.

11: 17: 06 20 When I first received the Consent  
11: 17: 10 21 Decree, he was four months old. It took me  
11: 17: 12 22 until he was seven to get it negotiated. We're  
11: 17: 16 23 serious about what we are doing. We bring our  
11: 17: 18 24 A game every day. We'll engage. We'll agree  
11: 17: 22 25 to disagree, but please don't ever think that

1 KATHRYN KOMARA - ARLETTA SCOTT WILLIAMS

11: 17: 26 2 my team is not doing the best they possibly  
11: 17: 28 3 can. I will put them up against anybody  
11: 17: 32 4 anywhere.

11: 17: 32 5 MS. KOMARA: I am asking more  
11: 17: 34 6 about the municipalities, and you really  
11: 17: 36 7 haven't answered those.

11: 17: 38 8 MS. WILLIAMS: I can't answer  
11: 17: 40 9 you about the municipalities.

11: 17: 42 10 MS. KOMARA: It's those  
11: 17: 42 11 goofballs out there.

11: 17: 44 12 MS. WILLIAMS: Let's not say  
11: 17: 46 13 goofballs. At this point we are going to give  
11: 17: 46 14 the stenographer a break. Okay. Five minutes.

11: 25: 46 15 (Recess taken.)

11: 25: 46 16 MS. WILLIAMS: A show of hands  
11: 25: 48 17 of how many people would like to say something  
11: 25: 56 18 else? Okay. You're first, sir.

11: 26: 00 19 MR. WOLFSON: My name is  
11: 26: 00 20 Lawrence, L-A-W-R-E-N-C-E, Wolfson,  
11: 26: 06 21 W-O-L-F-S-O-N, 2408 Springdale Drive, Glenshaw,  
11: 26: 12 22 15116, Shaler.

11: 26: 14 23 I guess I'm agreeing with the other  
11: 26: 16 24 folks here about the need for green in the  
11: 26: 18 25 plan. It's more than disappointing the way the

LAWRENCE WOLFSON

1  
11: 26: 24 2 plan is shaping up.

11: 26: 24 3 I guess my question is it's one  
11: 26: 28 4 thing to say it's not within our purview or our  
11: 26: 30 5 business to be including that in our plan  
11: 26: 34 6 because we don't have jurisdiction, and it's  
11: 26: 36 7 another to provide leadership in trying to get  
11: 26: 40 8 these groups together and if they're not there,  
11: 26: 42 9 including them in the plan is somebody else  
11: 26: 44 10 that can be providing leadership to provide a  
11: 26: 48 11 comprehensive green approach to the problem,  
11: 26: 50 12 then every effort should be made to make sure  
11: 26: 54 13 those people that are on board or maybe even  
11: 26: 58 14 leading the project.

11: 26: 58 15 What I'm getting, and I would like  
11: 27: 02 16 you to comment on this or respond to this is  
11: 27: 06 17 I'm getting the sense that the idea is this is  
11: 27: 08 18 the scope that we were assigned and we're just  
11: 27: 12 19 sticking to the scope, and we are going to get  
11: 27: 14 20 the best we can out of building what is within  
11: 27: 18 21 our scope and that's all our job is.

11: 27: 20 22 The problem is that's not looking at  
11: 27: 22 23 what the Pittsburgh area needs. It's just  
11: 27: 22 24 looking at what the agency is supposed to do.  
11: 27: 28 25 I think what needs to be done is to get that

1 LAWRENCE WOLFSON - ARLETTA SCOTT WILLIAMS

11: 27: 30 2 broader leadership and get the project done  
11: 27: 34 3 right rather than crossing T's and dotting I's.

11: 27: 44 4 MS. WILLIAMS: Thank you. We  
11: 27: 44 5 have a requirement through the Consent Decree  
11: 27: 48 6 which has generated the Wet Weather Plan, we've  
11: 27: 52 7 got a requirement to produce a plan within a  
11: 27: 54 8 certain time frame. If we do not meet that  
11: 27: 56 9 requirement, we are fined. Stipulated  
11: 28: 02 10 penalties go into effect, substantial  
11: 28: 06 11 stipulated penalties.

11: 28: 08 12 So, yes, our first objective is to  
11: 28: 10 13 create a plan that is going to meet the  
11: 28: 12 14 requirement to meet our deadlines which we  
11: 28: 16 15 have. We participate with all of the local  
11: 28: 22 16 agencies and entities who have something to do  
11: 28: 26 17 with green or on the municipal level.

11: 28: 32 18 Green Infrastructure Network, which  
11: 28: 34 19 it has been around over a year, 18 months,  
11: 28: 40 20 maybe 24 months, the Green Infrastructure  
11: 28: 48 21 Network, GIN for short, G-I-N, is the creation  
11: 28: 54 22 of, I believe, it's the Pennsylvania Resource  
11: 28: 56 23 Council and Three Rivers Wet Weather and brings  
11: 29: 00 24 all of the agencies together to look at green  
11: 29: 04 25 and green options on a broader scope. They

1           LAWRENCE WOLFSON - ARLETTA SCOTT WILLIAMS

11: 29: 12   2           meet quarterly.  Certainly there is the  
11: 29: 18   3           possibility for them to meet more than  
11: 29: 20   4           quarterly as needed, but that group has all of  
11: 29: 26   5           the necessary players at the table to do what  
11: 29: 30   6           you're referring to and what has been referred  
11: 29: 34   7           to again and again.

11: 29: 36   8                        I wouldn't want anybody to get the  
11: 29: 38   9           impression that we have turned our back on  
11: 29: 40   10          green, that we are not attempting to be a  
11: 29: 44   11          leader.  If we can figure out how to get the  
11: 29: 48   12          horse to be thirsty once you have them at the  
11: 29: 52   13          stream, you can have success.  We have  
11: 29: 54   14          obviously not figured out how to make that  
11: 29: 56   15          happen yet, but it doesn't mean we stop.

11: 30: 00   16                       We continue to try these efforts,  
11: 30: 02   17          but at the end of the day I still have to have  
11: 30: 04   18          a plan that meets the requirements of the  
11: 30: 08   19          Consent Decree.  Nobody else has that  
11: 30: 12   20          requirement but ALCOSAN.

11: 30: 12   21                       MR. WOLFSON:  What were the  
11: 30: 12   22          two programs?

11: 30: 20   23                       MS. WILLIAMS:  Pennsylvania  
11: 30: 20   24          Environmental Council and Three Rivers Wet  
11: 30: 32   25          Weather.  As Jan mentioned earlier, Three

1 ARLETTA SCOTT WILLIAMS - MARY BATES

11: 30: 36 2 Rivers Wet Weather has taken the responsibility  
11: 30: 38 3 of trying to pull together what the  
11: 30: 40 4 municipalities are and can do with respect to  
11: 30: 46 5 green infrastructure.

11: 30: 50 6 Now, Three Rivers itself was formed  
11: 30: 52 7 by ALCOSAN. Three Rivers was formed by ALCOSAN  
11: 30: 56 8 and the County Health Department in 1998 to  
11: 31: 00 9 assist communities in coming up with ways to  
11: 31: 04 10 remove flow from the system so that there would  
11: 31: 08 11 be less flow for us to have to treat on the  
11: 31: 12 12 downstream end.

11: 31: 14 13 Again, there are so many initiatives  
11: 31: 16 14 that we have been involved in over the years.  
11: 31: 20 15 They have gone in different directions, but the  
11: 31: 24 16 ultimate objective is to position both  
11: 31: 28 17 municipalities and ALCOSAN to be compliant by  
11: 31: 32 18 reducing the overall amount of flow that needs  
11: 31: 34 19 to be managed.

11: 31: 44 20 MS. BATES: My name is Mary  
11: 31: 46 21 Bates, 811 Cumberland Road, McCandless, 15237.  
11: 31: 52 22 I have three comments.

11: 31: 54 23 About a year ago, I went through  
11: 31: 56 24 these public meetings and you presented your  
11: 32: 00 25 plan, and I understand that you're trying to do

1 ARLETTA SCOTT WILLIAMS - MARY BATES

11: 32: 06 2 it over again to incorporate green.

11: 32: 08 3 Now, what's different about now and  
11: 32: 10 4 as it was last time, there was an effort by the  
11: 32: 18 5 city to try to get RAD money to help the Port  
11: 32: 24 6 Authority. Now, is there something that  
11: 32: 26 7 ALCOSAN is looking to get RAD money to pay for  
11: 32: 30 8 the sewers? And also, you have the gray  
11: 32: 34 9 infrastructure that you are planning to put all  
11: 32: 38 10 these pipes in, these holding tanks, and that's  
11: 32: 40 11 a huge amount of business for the local  
11: 32: 42 12 engineering companies to put in these  
11: 32: 46 13 structures.

11: 32: 46 14 My question is how many civil  
11: 32: 50 15 engineers building structures like that are in  
11: 32: 56 16 ALCOSAN's planning commission as opposed to  
11: 32: 58 17 landscape architects who could guide you into  
11: 33: 00 18 how to use green infrastructure?

11: 33: 08 19 MS. WILLIAMS: The first  
11: 33: 14 20 question, the difference between what you saw  
11: 33: 16 21 in a previous presentation and what you saw  
11: 33: 18 22 today in terms of incorporating green, through  
11: 33: 20 23 the process we did not change our approach to  
11: 33: 24 24 incorporate green.

11: 33: 26 25 We made presentations as we

1 ARLETTA SCOTT WILLIAMS - MARY BATES

11: 33: 28 2 developed the Wet Weather Plan. Each year we  
11: 33: 32 3 did an annual meeting to inform the public of  
11: 33: 34 4 where we were in the process of developing the  
11: 33: 36 5 plan.

11: 33: 36 6 So over the last four years, each  
11: 33: 38 7 year there was a status report, so to speak,  
11: 33: 42 8 this is where we are in the process. What  
11: 33: 44 9 you're seeing today, the difference between  
11: 33: 46 10 today and what you saw last year would be now  
11: 33: 52 11 we have come to this is the selected plan.

11: 33: 54 12 The selected plan is a 3.6 billion  
11: 33: 58 13 dollar plan that after running the financial  
11: 34: 02 14 capability analysis on it, we recognize we  
11: 34: 06 15 can't afford so here is the recommended plan  
11: 34: 08 16 which is the 2 billion dollar plan, and we are  
11: 34: 12 17 showing you specifically what we have  
11: 34: 12 18 incorporated into this document to submit to  
11: 34: 16 19 EPA to say this is what we're proposing to go  
11: 34: 20 20 forward. So there was no distinction in terms  
11: 34: 24 21 of incorporating more green between last year  
11: 34: 26 22 and this year.

11: 34: 30 23 RAD, any efforts that the county  
11: 34: 32 24 made to redirect RAD funding to Port Authority,  
11: 34: 38 25 that's certainly not something that we have

1 ARLETTA SCOTT WILLIAMS - MARY BATES

11: 34: 42 2 been a part of, and will we seek grant funding?

11: 34: 46 3 There is not a whole lot of RAD money there,

11: 34: 50 4 but it's just another pot that we look at along

11: 34: 54 5 with everything else. Is anybody leading that

11: 34: 58 6 effort for us? No. We do have people

11: 35: 02 7 internally that work on that type of thing, and

11: 35: 06 8 we have lobbyists that help us to seek funding.

11: 35: 12 9 The question about engineering firms

11: 35: 16 10 and jobs associated with whatever that solution

11: 35: 22 11 may be and right now you have referred to pipes

11: 35: 26 12 and tanks which is a large part of what you see

11: 35: 28 13 in our proposal, I can't tell you how many

11: 35: 34 14 firms, how many engineering firms will end up

11: 35: 36 15 working as opposed to how many landscape

11: 35: 40 16 architects would work with a greener plan.

11: 35: 44 17 I can definitely say that there will

11: 35: 48 18 be many more construction workers working than

11: 35: 52 19 either of the other two to build things that

11: 35: 56 20 are proposed right now. So you will have more

11: 36: 00 21 contractors, more construction workers than you

11: 36: 02 22 would have engineers by far.

11: 36: 08 23 MS. BATES: But have they

11: 36: 08 24 steered ALCOSAN towards building the gray

11: 36: 12 25 meaning that they're going to get more

1 ARLETTA SCOTT WILLIAMS - MARY BATES

11: 36: 14 2 business?

11: 36: 16 3 MS. WILLIAMS: At ALCOSAN we  
11: 36: 18 4 are a pretty aggressive customer. We do not  
11: 36: 20 5 get led around by the nose by our engineers.  
11: 36: 24 6 We do a lot of research. We participate in  
11: 36: 28 7 national organizations where we can interact  
11: 36: 30 8 with our peers with other agencies across the  
11: 36: 34 9 country to find out what's going on.

11: 36: 36 10 Do we rely on the expertise of our  
11: 36: 40 11 engineers? Yes. But if my engineer, my  
11: 36: 42 12 consulting engineers were taking me down a road  
11: 36: 44 13 that was uncomfortable or I didn't believe in,  
11: 36: 48 14 we would not be going down that road. So  
11: 36: 50 15 ultimately I take responsibility for where the  
11: 36: 52 16 plan has gone.

11: 36: 52 17 MS. BATES: Thank you.

11: 36: 52 18 MS. WILLIAMS: Thank you.

11: 37: 08 19 MR. BAIR: Jeff Bair, B-A-I-R,  
11: 37: 12 20 9171 Lucia Lane, 15642. I was a long time  
11: 37: 14 21 resident of Penn Hills on Jefferson Road. My  
11: 37: 16 22 dad still lives there.

11: 37: 18 23 I remember back in the early 90's  
11: 37: 20 24 Penn Hills was sued by the EPA for sanitary  
11: 37: 24 25 overflows. Penn Hills ended up paying

1

JEFF BAIR

11: 37: 26

2

significant fines and fixes that took many

11: 37: 30

3

years, so Penn Hills has been experiencing

11: 37: 34

4

these high rates for a long time. I see the

11: 37: 36

5

same thing happening here if this Consent

11: 37: 40

6

Decree and set of actions that's in place isn't

11: 37: 44

7

completed and on time according to the EPA.

11: 37: 46

8

I guess what my comment is to the

11: 37: 48

9

green infrastructure, I think it's a good

11: 37: 52

10

approach, but it seems that this balanced plan

11: 37: 56

11

that's in the Wet Weather Plan fixes the first

11: 38: 00

12

half of the problem. It fixes 2 billion of the

11: 38: 02

13

3.6 billion dollar problem. That gives us the

11: 38: 06

14

community collectively the next 10 or 15 years

11: 38: 08

15

to implement green infrastructure to avoid

11: 38: 12

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spending that next \$2 billion 15 20 years down

11: 38: 18

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the road.

11: 38: 20

18

I guess a lot of people have talked

11: 38: 22

19

about incentives for green infrastructure. I

11: 38: 24

20

think that starts with the homeowners and

11: 38: 28

21

property owners, and I attended the first

11: 38: 30

22

meeting and I noted that there is a pamphlet in

11: 38: 34

23

the back, and it lists out what you can do

11: 38: 34

24

personally as a property owner to start to fix

11: 38: 38

25

this problem. I think if we all collectively

1 JEFF BAIR - ARLETTA SCOTT WILLIAMS

11: 38: 40 2 take action on the property we have, we can  
11: 38: 42 3 avoid spending an additional \$2 billion 15  
11: 38: 46 4 years from now.

11: 38: 48 5 I guess the last part of my comment  
11: 38: 50 6 would be that I think Pittsburgh and Allegheny  
11: 38: 52 7 County are behind the curve in terms of  
11: 38: 58 8 nationally. I think Chicago's program started  
11: 39: 00 9 in the late 1970's to build a tunnel collection  
11: 39: 04 10 system.

11: 39: 04 11 A lot of other cities started a lot  
11: 39: 06 12 of years ago, so I think the green  
11: 39: 10 13 infrastructure that we read about sometimes is  
11: 39: 12 14 the last phase of their plan, not the first  
11: 39: 14 15 phase.

11: 39: 16 16 I think this is the first phase of  
11: 39: 18 17 our plan, and there is significant time for  
11: 39: 20 18 green infrastructure over the next 10 to 15  
11: 39: 24 19 years to avoid spending the next \$2 billion.  
11: 39: 36 20 Thanks.

11: 39: 36 21 MS. WILLIAMS: Thank you. Do  
11: 39: 38 22 I have anybody else? We will be here a little  
11: 39: 44 23 longer just my staff and I, not much because we  
11: 39: 48 24 don't have the venue for much longer, but we  
11: 39: 52 25 will be here if you would prefer to approach us

1 ARLETTA SCOTT WILLIAMS

11: 39: 54 2 individually recognizing if you do that that  
11: 39: 58 3 whatever your commentary is will not be on the  
11: 40: 00 4 record. But there will be many other meetings  
11: 40: 04 5 where you have an opportunity to do that.

11: 40: 08 6 The next meeting is after the  
11: 40: 10 7 holiday. It is Wednesday, September 5. That  
11: 40: 14 8 is in Turtle Creek. So we are going east.  
11: 40: 18 9 That's at the Hilltop Hall on Harper Drive in  
11: 40: 24 10 Turtle Creek. That's a 9:30 a.m. meeting.

11: 40: 28 11 Please note if you're looking at the  
11: 40: 30 12 schedule, don't just assume because you came to  
11: 40: 34 13 a 9:30 that they're all 9:30 meetings. There  
11: 40: 38 14 are evenings meetings at 6:30.

11: 40: 40 15 There is also a large meeting on the  
11: 40: 44 16 Gateway Clipper Princess on Thursday, October  
11: 40: 48 17 4. That's an evening meeting. You can at  
11: 40: 50 18 least come out and look at the water quality  
11: 40: 52 19 that we will all be protecting.

11: 40: 56 20 I appreciate you being here. For  
11: 40: 58 21 those of you out there who are feeling sorry  
11: 41: 00 22 for me, don't feel sorry for me. God has  
11: 41: 04 23 gifted me to do this, and I am pleased and  
11: 41: 06 24 proud to do it. We are going to get to where  
11: 41: 10 25 we need to be. I guarantee that. I thank you

1 ARLETTA SCOTT WILLIAMS

11: 41: 12 2 for your participation.

11: 41: 14 3 Please if there is somebody that you  
11: 41: 14 4 can in any way encourage to come to one of  
11: 41: 18 5 these presentations, or better yet, come to our  
11: 41: 20 6 open house, send them on down. The more the  
11: 41: 24 7 merrier. Thank you so much.

8 (Whereupon, the above-entitled  
9 matter was concluded at 11:45 a.m., this date.)

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C E R T I F I C A T E

I hereby certify that the  
proceedings and evidence are contained  
fully and accurately in the  
stenographic notes taken by me on the  
hearing of the within cause and that  
this is a correct transcript of the  
same.

S/CHERI A. REDLINGER

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ALLEGHENY COUNTY SANITARY AUTHORITY (ALCOSAN)

PUBLIC MEETING

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IN RE:

ALCOSAN DRAFT WET  
WEATHER PLAN  
INDIVIDUAL COMMENTS,  
PRIVATE COMMENT AREA

- - - - -

West View Fire Department  
398 Perry Highway  
Pittsburgh, PA 15229  
Thursday, August 30, 2012  
9:30 a.m.

- - - - -

BEFORE: Joseph Day, Government Relations  
Specialist, ALCOSAN

- - - - -

TRANSCRIPT OF PROCEEDINGS

- - - - -

Reported by:

Candace Gabeletto,  
Registered Professional  
Reporter

- - - - -

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P R O C E E D I N G S

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(On Thursday, August 30, 2012,  
at West View Fire Department, 398 Perry  
Highway, Pittsburgh, Pennsylvania 15229, the  
private comment area for individual comments  
was open and available for testimony from 9:30  
a.m. to 11:30 a.m. No individuals appeared  
during the allotted time to give testimony.)

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C E R T I F I C A T E

I hereby certify that the  
proceedings and evidence are contained  
fully and accurately in the  
stenographic notes taken by me on the  
hearing of the within cause and that  
this is a correct transcript of the  
same.

S/Candace Gabeletto, RPR, FPR

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