CITY OF PHILADELPHIA

TECHNICAL CONFERENCE

PHILADELPHIA GAS COMMISSION

Wednesday, June 5, 2019

MINUTES of FORMAL MEETING

LOCATION: 1515 Arch Street, 18th Floor

Philadelphia, Pennsylvania

REPORTER: ANGELA M. KING, RPR

Registered Professional Reporter

HELD BEFORE:

SONNY POPOWSKY

DANIEL CANTU-HERTZLER, Esq.

STEVEN LIANG

ED MARKUS

ROBERT BALLENGER, Esq.

SCOTT SCHWARTZ, Esq.

MELISSA LABUDA

CITY OF PHILA LAW DEPT. MEMBERS

(Attending via phone) BLACK & VEATCH MEMBERS

RAFTELIS MEMBERS

LAFAYETTE K. MORGAN, JR.

TIME HELD: 10:00 A.M.

```
Page 2
 1
 2.
             (Meeting commences at 10:03 a.m.)
 3
             MR. POPOWSKY: Good morning,
 4
 5
     everyone. My name is Sonny Popowsky. I'm
 6
     the Chair of the Philadelphia Water --
     Waste Water and Stormwater -- Sewer and
 7
     Stormwater Rate Board. And with me here
 8
 9
     today is Dan Cantu-Hertzler who is our
10
     Counsel from the Law Department, works with
     the Board. Also, Steven Liang with the
11
     Board as well from the Law Department and
12
13
     Edward Markus.
14
             I would ask if our counsel and
     participants present identify yourselves
15
16
     for the record.
17
             MR. SCHWARTZ: Scott Schwartz for
18
     the Water Department. And with me is --
19
     want to introduce yourself?
20
             MS. LABUDA:
                          Sure. Melissa LaBuda
21
     from the Water Department. Thank you.
22
                          Jaclyn Rogers from the
             MS. ROGERS:
23
     Water Department.
24
             MR. POPOWSKY: Did you get that?
```

- 1 MS. BUI: Ann Bui, Black and
- 2 Veatch, consultant to the Water Department.
- 3 MR. SCHWARTZ: That's it for us.
- 4 We may have someone on the phone.
- 5 MR. POPOWSKY: Yes. There are
- 6 several -- why don't we go with Rob first.
- 7 MR. BALLENGER: Good morning,
- 8 Chairman and Acting Hearing Officer Robert
- 9 Popowsky, Robert Ballenger for the Public
- 10 Advocate.
- 11 MR. POPOWSKY: Okay. I will ask
- 12 the folks on the phone to just identify
- 13 yourself briefly. Let's start with
- 14 Lafayette from Exeter.
- MR. MORGAN: This is Lafayette
- 16 Morgan. I'm with Exeter Associates. I'm
- 17 working with the Public Advocate.
- 18 MR. POPOWSKY: Thank you. Now the
- 19 folks from Black and Veatch.
- 20 MR. MERRITT: Brian Merritt, Black
- 21 and Veatch working for the Water
- 22 Department.
- 23 MR. JAGT: This is Dave Jagt from
- 24 Black and Veatch working with the Water

Page 4 1 Department. 2 MR. POPOWSKY: Okay. I think there 3 are some folks from Raftelis also? MR. DAVIS: Yes. Jon Davis, with 4 5 Raftelis for the Water Department. 6 MS. LOCKLEAR: Henrietta Locklear with Raftelis for the Water Department. 7 MS. TAVANTZIS: And Jennifer 8 Tavantzis with Raftelis for the Water 9 Department. 10 11 MR. POPOWSKY: Okay. Is there 12 anyone else on the phone? 13 (No response.) 14 MR. POPOWSKY: And I see no other 15 participants in the room. 16 Off the record for a moment. 17 (At this time, a discussion was 18 held off the record.) 19 20 MR. POPOWSKY: Back on the record. 21 22 Okay. The purpose of the today's 23 hearing or I also call it atechnical conference is to address the Water 24

- 1 Department's first annual adjustment of its
- 2 TAP Rider. It's my understanding that only
- 3 one set of written comments were filed with
- 4 respect to the TAP Rider. They were filed
- 5 by the Public Advocate in the form of a
- 6 statement by Lafyette Morgan.
- 7 Subsequent to the filing of that
- 8 statement, which proposed three adjustments
- 9 to the filing, the Water Department and the
- 10 Public Advocate have reached aproposed
- 11 resolution of the matters that were in
- 12 dispute. I would note, of course, that
- 13 regardless of the parties agreement, it is
- 14 ultimately up to the Board to decide
- 15 whether these proposed rates, either as
- 16 originally filed or as proposed in the
- 17 Joint Hearing Exhibit, are consistent with
- 18 the ordinance and are TAP Rider regulations
- 19 and the tariff that we approved.
- 20 But in any case, unless there are
- 21 any other introductory remarks by anyone up
- 22 here, I would call on the Department and
- 23 the Advocate to just briefly discuss the
- 24 filing and the adjustments that were made.

- 1 And if the Board or any other folkshere
- 2 have any questions, we will direct them
- 3 initially to the Counsel and then, if
- 4 necessary, to the expert witnesses who are
- 5 available by phone.
- 6 So, Scott, do you want to start?
- 7 MR. SCHWARTZ: Thank you.
- 8 As you mentioned, this is the first
- 9 time we have done the annual
- 10 reconciliation, so I appreciate the
- 11 assistance we have gotten from not only our
- own consultants but the Board, as well.
- What I want to do is just briefly
- 14 give some background about how we got here,
- 15 and then discuss the areas of agreement
- 16 that we reached with the Public Advocate as
- 17 to how the Board should proceed.
- 18 This really began with the Rate
- 19 Board's rate determination on July 12, 2018
- 20 in which the Board directed the Water
- 21 Department to establish a raterider
- 22 surcharge rate for the Tiered Assistance
- 23 Program, which we commonly refer to as TAP,
- 24 T-A-P. The formula for that rate surcharge

- 1 was to be developed through agreements in
- 2 the last rate case and directed as in the
- 3 Rate Board rate determination.
- 4 The rate rider surcharge is
- 5 currently in our rates and charges in
- 6 Sections 10.0 to 10.3, which became
- 7 effective September 1, 2018 in which we
- 8 filed with the Department of Records in
- 9 August 2018. After that, the Rate Board
- 10 earlier this year established regulations
- 11 for this proceeding and other TAPRate
- 12 Rider reconciliation proceedings.
- 13 On April 4, 2019, the Water
- 14 Department provided the Rate Board and City
- 15 Council with advanced notice of the annual
- 16 TAP Rate Rider adjustment and a preliminary
- 17 proposed reconciliation statementalong
- 18 with revisions to the rates and charges,
- 19 bill impact statements and other supporting
- 20 documents.
- 21 On May 6, 2019, the Department
- 22 provided the Department of Records with its
- 23 formal notice of the annual TAP Rider Rate
- 24 adjustment and a final proposed

- 1 reconciliation statement. As you
- 2 mentioned, the Public Advocate submitted
- 3 written comments on May 24, 2019. The
- 4 differences between our initial proposal
- 5 and the Public Advocate's proposal
- 6 primarily deal with projections for the
- 7 number of future TAP participants and the
- 8 different methodologies for computing
- 9 interest rate. That said, the final result
- 10 is only a penny difference in both the
- 11 Water TAP Rider Rate and a penny difference
- 12 and the Sewer TAP Rider Rate.
- The Department and Public Advocate
- 14 participated in several telephone
- 15 conversations. And the result of that, we
- 16 have reached certain agreements which are
- 17 outlined in the joint statement by the
- 18 Public Advocate and the Water Department.
- 19 There is kind of five points to those
- 20 statement, so I will run three each one and
- 21 then I will let Mr. Ballenger add anything.
- The first point is, the Water
- 23 Department does not object to the
- 24 adjustments to the TAP Rider Rates proposed

- 1 by Mr. Morgan, the Public Advocate's
- 2 expert. For that reason and for purposes
- 3 of resolving the issue in dispute inthis
- 4 particular TAP water reconciliation
- 5 proceeding, the Water Department and the
- 6 Public Advocate are jointly requesting that
- 7 the Board modify the proposed rates and
- 8 charges as of September 1, 2019 to include
- 9 a TAP-R rate of \$0.71 per thousand cubic
- 10 feet of water usage and \$1.16 per thousand
- 11 cubic feet of sewer usage as proposed by
- 12 Mr. Morgan.
- 13 Second, it is understood and agreed
- 14 between the Water Department and the Public
- 15 Advocate that this request is a result of
- 16 compromise and is being presented only in
- 17 the context of this particular proceeding
- in an effort to resolve this proceeding in
- 19 a manner that is fair and reasonable.
- 20 Third, the request is presented
- 21 without prejudice to any position that the
- 22 Water Department or the Public Advocate
- 23 advanced or will advance in the 2018 rate
- 24 proceeding and the appeal thereof; or may

- 1 have advanced in this proceeding or that
- 2 may advance in the future rate proceedings.
- Fourth, both the Water Department
- 4 and the Public Advocate have waived
- 5 cross-examination of our witnesses. But as
- 6 you know, the witnesses are available
- 7 either in person or on phone to answer the
- 8 questions.
- 9 And finally, we developed a list of
- 10 documents that we would like included in
- 11 the record. Those are outlined in Hearing
- 12 Exhibit 1. They include Hearing Exhibit 2,
- 13 which would be the actual rates and charges
- 14 as we would file them with the Department
- of Records at the Board. Hearing 3, which
- 16 are all the newspaper notices that were
- 17 published both after the advanced notice,
- 18 after the formal notice and before this
- 19 proceeding today.
- So, that's all I have.
- 21 Thank you.
- MR. POPOWSKY: Mr. Ballenger.
- MR. BALLENGER: Thank you,
- 24 Mr. Popowsky, for the opportunity. Thanks

- 1 Mr. Schwartz for the summary. I don't have
- 2 a lot to add. I wanted to focus just for a
- 3 minute on this as the statement that we
- 4 have prepared together. And I credit Scott
- 5 with taking the labor oar on that.
- 6 What we are seeking is a favorable
- 7 recommendation from the Hearing Officer to
- 8 approve this by the Board at this time. I
- 9 think that's sort of the position we are
- in, whether that takes the form of the
- 11 Hearing Officer report or otherwise, I
- 12 understood or agree with Mr. Popowsky, the
- 13 Board casts the ultimate vote.
- So, we are -- I am treating it sort
- of almost like a petition for settlement,
- 16 which you would be familiar with from the
- 17 PDC context. Although, it is brief, but
- 18 there are not a lot of issues to focus on.
- 19 The compromise from the Public
- 20 Advocate's view, as Mr. Schwartz indicated,
- 21 we came up with some very small adjustments
- 22 to the rates, which I think we agree are
- 23 very close to what the Department proposed.
- 24 The compromise is that those adjustments

- were based on various methodological
- 2 adjustments. We are not seeking the
- 3 approval -- I don't think either partyin
- 4 this joint statement -- of the underlying
- 5 methodology and the fact that we may have
- 6 some differences in opinion about how to
- 7 forecast future participation inthings
- 8 like that.
- 9 What we are seeking is approval of
- 10 the actual rates that are set forth in the
- 11 joint statement, which we both agree are
- 12 reasonable. And indeed, as I have just
- described, I believe are clearly the result
- 14 of compromise on behalf of both parties.
- With that, I would just note also
- 16 included in Hearing Exhibit 1, which is
- 17 attached to the joint statement, that there
- 18 was a -- there were a small number of
- 19 questions that came up for the parties that
- 20 were resolved and addressed through
- 21 discovery -- through the discovery process.
- 22 And those discovery responses are included
- 23 there.
- I think in an overview procedurally

- 1 of how we got here, it's important to note
- 2 know there was an exchange of information.
- 3 And I would like to also just extend my
- 4 thanks and gratitude to the Department for
- 5 freely sharing the underlying spreadsheets
- 6 and allowing us to use them to determine
- 7 the adjustments, which we then also shared
- 8 our modified spreadsheets with the
- 9 Department so that we could see each
- 10 other's perspective and, ultimately, arrive
- 11 at what I think is a fair, just and
- 12 reasonable compromise that's in the public
- 13 interest.
- 14 Thank you. And I'd be happy to
- 15 answer any questions. And of course,
- 16 Mr. Morgan is on the phone if anyone would
- 17 like to ask him any questions. But I think
- 18 we have a pretty -- I think we have a good
- 19 record and good understanding of each
- 20 other's positions and have come to a
- 21 reasonable resolution.
- MR. POPOWSKY: See a couple of
- 23 other folks who have joined us. Are you
- 24 participants in the case? Would you just

- identify yourself, please.
- 2 MS. PARK: Julia Park from the Law
- 3 Department.
- 4 MS. LAVERY: Danielle Lavery from
- 5 the Law Department.
- 6 MR. POPOWSKY: Okay. Thank you
- 7 very much. I apologize. Just wanted to
- 8 make sure we don't have any other
- 9 participants in the room.
- 10 Since there are no other
- 11 participants, I will assume that there are
- 12 no objections to the agreements set forth
- in Hearing Exhibit 1 and -- I'm sorry, in
- 14 joint statement for technical hearing, the
- 15 Water Department and the Public Advocate.
- 16 Did anyone here, either Dan or Ed
- 17 have any questions?
- 18 (No further questions.)
- 19 MR. POPOWSKY: I don't really have
- 20 any questions. I really appreciate the
- 21 efforts of the Department and the Advocate
- 22 to work within our regulations to get
- 23 through this first TAP Rider filing. And
- 24 thank the Department for responding to

- 1 Mr. Markus' data request as well as those
- 2 of the Advocate in a timely manner.
- 3 As I reviewed the adjustments
- 4 proposed by the Public Advocate, they seem
- 5 to go to just a few issues regarding how
- 6 the numbers were calculated, but really did
- 7 not challenge the fundamental methodology
- 8 used by the Department or even propose any
- 9 changes that would, ultimately, resultin
- 10 unreconcilable greater or lesserrecovery
- 11 from the Department. In fact, the
- 12 adjustments sort of went in opposite
- 13 directions. One would have reduced the
- 14 rider. One would have increased the rider.
- 15 They sort of offset each other the way it
- 16 looks to me.
- 17 But in any case, I don't have
- 18 any -- I think I understood the
- 19 adjustments. I understand the proposed
- 20 resolution. So with that, I guess, I would
- 21 ask you, are you going to make a formal
- 22 motion for -- to put all this information
- 23 in the record? Every -- all of the
- 24 materials identified in Hearing Exhibit 1

- 1 as well as Hearing Exhibit 2 and 3?
- 2 MR. SCHWARTZ: That is correct. I
- 3 move that Hearing Exhibits 1, 2 and 3 be
- 4 admitted for the record.
- 5 MR. BALLENGER: Public Advocate
- 6 joins in the Department's motion.
- 7 MR. CANTU-HERTZLER: Does that
- 8 include the joint statement itself?
- 9 MR. SCHWARTZ: We will -- we both
- 10 agree that the joint statement should be
- 11 part of Hearing Exhibit 1.
- MR. POPOWSKY: That includes the
- 13 notices and proof of --
- 14 MR. SCHWARTZ: The notices are in
- 15 Hearing Exhibit 3.
- MR. POPOWSKY: Okay.
- 17 MR. SCHWARTZ: There may be some
- 18 additional notices, but those are the ones
- 19 that we could collect as of yesterday.
- 20 MR. BALLENGER: Just to be clear,
- 21 Hearing Exhibit 2 is really the full set of
- 22 rates and charges. But the changes are in
- 23 the last page in Section 10.3.
- MR. SCHWARTZ: Yeah. They are on

- 1 that page plus the TAP-R is in Sections 2
- 2 and 3 under Usage and in Section 9 under
- 3 Fire Usage.
- 4 MR. BALLENGER: Yeah.
- 5 MR. POPOWSKY: It's my
- 6 understanding that the water rate is 1 cent
- 7 less than the originally proposed, and the
- 8 sewer rate is 1 cent less than originally
- 9 proposed. In both cases, my recollection
- 10 is that these were increases over what is
- 11 currently in the rates but they are less
- 12 than what we had anticipated therates
- would be starting on September 1, 2018?
- 14 MR. SCHWARTZ: That's correct. And
- 15 the 1 cent is per thousand cubic feet. So,
- if you use 500 cubic feet, as most people
- do, it's a total of 1 cent difference when
- 18 you add the two 1 cents together and divide
- 19 by two.
- MR. POPOWSKY: Okay.
- Were there any objections to the
- 22 inclusion of the Hearing Exhibit 1, 2 and 3
- 23 including the Joint Statement for technical
- 24 hearing?

- 1 MR. SCHWARTZ: No. I think we both
- 2 joined in.
- 3 MR. BALLENGER: We -- the Advocate
- 4 joins in that motion.
- 5 MR. POPOWSKY: Okay. In that case,
- 6 I will allow those exhibits into the
- 7 record.
- 8 MR. CANTU-HERTZLER: And also, the
- 9 exhibits referenced in Exhibit 1?
- MR. POPOWSKY: Yeah, absolutely.
- 11 Including all the materials referenced in
- 12 Hearing Exhibit 1.
- Now in terms of the schedule moving
- 14 forward, we had allowed for briefs if
- 15 necessary. I don't, frankly, think that
- 16 they are necessary. You are free to file
- 17 an additional comments if you wish, but I
- 18 think the record is pretty complete. If
- 19 parties or participants wanted to file a
- 20 brief, I don't recall the date. Do you
- 21 remember the date.
- MR. LIANG: I think it's 17th
- 23 maybe. June 17, something like that.
- MR. CANTU-HERTZLER: In theory,

- 1 there could be comments this afternoon that
- 2 people might want to respond to.
- 3 MR. POPOWSKY: As Dan pointed out,
- 4 there could be comments made at the Public
- 5 Input Hearing, if anyone testifies at the
- 6 public input that participants may want to
- 7 respond to.
- 8 MR. BALLENGER: Scott and I were
- 9 just sort of having a little -- quiet
- 10 sidebar here. We -- I think our objective
- 11 would be after the conclusion of the Public
- 12 Hearings, to put together something akin to
- 13 a statement in support, a Joint Statement
- 14 in support --
- MR. POPOWSKY: Okay.
- 16 MR. BALLENGER: -- of what we
- 17 proposed here today, and addressing any
- 18 other issues that come up through the
- 19 Public Input Hearing process or any
- 20 positions we may become aware of from other
- 21 parties. Although, I certainly haven't
- 22 heard anything.
- 23 MR. CANTU-HERTZLER: I believe the
- 24 transcripts of both this conference and the

- 1 public hearing will be available probably
- 2 on Friday. Other participants will be able
- 3 to review those and comment if they wish.
- 4 MR. BALLENGER: That's helpful. I
- 5 think that was what -- that is why I think
- 6 we both agreed we thought we should have
- 7 something a little more formal on the
- 8 record in writing after the conclusion of
- 9 the hearings. Although, I don't anticipate
- 10 it being a lengthy or terribly --
- MR. POPOWSKY: Actually, according
- 12 to my notes here, I think those briefs, are
- 13 comments would be due on June 18.
- 14 MR. CANTU-HERTZLER: I think --
- 15 yeah. You are free to make it sooner than
- 16 that if you want. I think we allowed that
- 17 thinking that there might be a lot todo.
- 18 MR. POPOWSKY: I think we are okay
- 19 because -- I don't want to change it
- 20 because the other participants are not
- 21 here. And if they want to file something,
- 22 they can rely on the note -- I want them to
- 23 be able to rely on the notice that we
- 24 already previously sent out where we gave

- 1 them until June 18.
- In the meantime, I will work with
- 3 Ed on a draft order for consideration by
- 4 the full Board, hopefully, at our next
- 5 meeting which is June 27. If we are not
- 6 able to resolve everything finally at
- 7 June 27 meeting, we do have another meeting
- 8 tentatively scheduled for July 2. But
- 9 given the -- this status of the proceeding,
- 10 my hope is that we can resolve all the
- 11 matters at are publicly -- public meeting
- 12 at 2 p.m. on June 27.
- Okay. Now, we do have another
- 14 hearing schedule for this afternoon. Under
- our ordinance, we are required to have
- 16 public hearings on all rate matters. And
- 17 we will have a public hearing here in this
- 18 room at -- starting at 2 p.m. Obviously,
- 19 the participants are welcome to attend, see
- 20 if there is very much public input.
- 21 But in any case, is there any other
- 22 matters to be brought before the Board this
- 23 morning?
- MR. SCHWARTZ: No.

Page 22 1 MR. BALLENGER: No. 2 MR. POPOWSKY: In that case, again, 3 I really want to thank the participants. I 4 thank the Department and the Advocate for allowing us to move expeditiously onthis 5 6 matter. I think the regulations were designed to, on the one hand, allow for 7 disputes to be addressed. On the other 9 hand, written in the hope that -- to the extent that the disputes are limited, we 10 can handle this type of case in apretty 11 12 expedited manner. 13 So with that, I will adjourn the 14 hearing. And thank the folks on the telephone. And we will resume with our 15 Public Hearing at 2 p.m. 16 17 MR. CANTU-HERTZLER: Off the 18 record. 19 20 (At this time, the Technical Conference adjourned at 10:27 a.m.) 21 22 23 24

## CERTIFICATION

I, hereby certify that the proceedings and evidence noted are contained fully and accurately in the stenographic notes taken by me in the foregoing matter, and that this is a correct transcript of the same.

ANGELA M. KING, RPR, Court Reporter, Notary Public

(The foregoing certification of this transcript does not apply to any reproduction of the same by any means, unless under the direct control and/or supervision of the certifying reporter.)

$\overline{}$			-
1)	$\sim$	$\sim$	- 1
_	αч	$\overline{}$	

							Page 1
	11.12	1.17	16.7 10.0		J	J	<b>61</b> . 10.14
A	agree 11:12	1:17	16:7 18:8	compromise	decide 5:14	draft 21:3	file 10:14
<b>a.m</b> 1:21 2:2 22:21	11:22 12:11 16:10	August 7:9 available 6:5	18:24 19:23 20:14 22:17	9:16 11:19 11:24 12:14	<b>Department</b> 2:10,12,18	due 20:13	18:16,19 20:21
	agreed 9:13	10:6 20:1	case 5:20 7:2	13:12	2:21,23 3:2	E	<b>filed</b> 5:3,4,16
able 20:2,23	20:6	aware 19:20	13:24 15:17	computing	3:22 4:1,5,7	E 23:1	7:8
21:6 absolutely	agreement	uware 19.20	18:5 21:21	8:8	4:10 5:9,22	earlier 7:10	<b>filing</b> 5:7,9,24
	5:13 6:15	В	22:2,11	conclusion	6:21 7:8,14	Ed 1:14 14:16	14:23
18:10	agreements	Back 4:21	cases 17:9	19:11 20:8	7:21,22	21:3	final 7:24 8:9
accurately	7:1 8:16	background	casts 11:13	conference	8:13,18,23	<b>Edward</b> 2:13	finally 10:9
23:5	14:12	6:14	cent 17:6,8,15	1:2 4:24	9:5,14,22	effective 7:7	21:6
Acting 3:8	akin 19:12	Ballenger	17:17	19:24 22:21	10:3,14	effort 9:18	Fire 17:3
actual 10:13	allow 18:6	1:15 3:7,9	cents 17:18	consideration	11:23 13:4	efforts 14:21	first 3:6 5:1
12:10	22:7	8:21 10:22	certain 8:16	21:3	13:9 14:3,5	either 5:15	6:8 8:22
add 8:21 11:2	allowed 18:14	10:23 16:5	certainly	consistent	14:15,21,24	10:7 12:3	14:23
17:18	20:16		19:21	5:17		14:16	five 8:19
additional		16:20 17:4			15:8,11		
16:18 18:17	allowing 13:6	18:3 19:8	certification 23:13	consultant 3:2	22:4	Esq 1:13,15	Floor 1:8
address 4:24	22:5 and/or 23:18	19:16 20:4			<b>Departmen</b> 5:1 16:6	1:15	focus 11:2,18
addressed	ANGELA	22:1	certify 23:3	consultants 6:12	<b>DEPT</b> 1:16	establish 6:21	<b>folks</b> 3:12,19
12:20 22:8		based 12:1	certifying 23:19			established	4:3 6:1 13:23 22:14
addressing	1:10 23:11	began 6:18		contained	described	7:10	
19:17	Ann 3:1	behalf 12:14	Chair 2:6	23:4	12:13	evidence 23:4	forecast 12:7
adjourn	annual 5:1	believe 12:13	Chairman	context 9:17	designed 22:7	exchange	foregoing
22:13	6:9 7:15,23	19:23	3:8	11:17	determinati	13:2	23:6,13
adjourned	answer 10:7	<b>bill</b> 7:19	challenge	control 23:17	6:19 7:3	Exeter 3:14	form 5:5
22:21	13:15	<b>Black</b> 1:18	15:7	conversations	determine	3:16	11:10
adjustment	anticipate	3:1,19,20	change 20:19	8:15	13:6	Exhibit 5:17	formal 1:5
5:1 7:16,24	20:9	3:24	changes 15:9	correct 16:2	developed 7:1	10:12,12	7:23 10:18
adjustments	anticipated	<b>Board</b> 2:8,11	16:22	17:14 23:7	10:9	12:16 14:13	15:21 20:7
5:8,24 8:24	17:12	2:12 5:14	charges 7:5	Council 7:15	difference	15:24 16:1	formula 6:24
11:21,24	apologize	6:1,12,17	7:18 9:8	counsel 2:10	8:10,11	16:11,15,21	forth 12:10
12:2 13:7	14:7	6:20 7:3,9	10:13 16:22	2:14 6:3	17:17	17:22 18:9	14:12
15:3,12,19	appeal 9:24	7:14 9:7	<b>City</b> 1:1,16	couple 13:22	differences	18:12	forward
admitted	apply 23:15	10:15 11:8	7:14	course 5:12	8:4 12:6	exhibits 16:3	18:14
16:4	appreciate	11:13 21:4	<b>clear</b> 16:20	13:15	different 8:8	18:6,9	Fourth 10:3
advance 9:23	6:10 14:20	21:22	clearly 12:13	Court 23:11	direct 6:2	expedited	frankly 18:15
10:2	approval	<b>Board's</b> 6:19	close 11:23	credit 11:4	23:17	22:12	free 18:16
advanced	12:3,9	<b>Brian</b> 3:20	collect 16:19	cross-exami	directed 6:20	expeditiously	20:15
7:15 9:23	approve 11:8	<b>brief</b> 11:17	come 13:20	10:5	7:2	22:5	freely 13:5
10:1,17	approved	18:20	19:18	<b>cubic</b> 9:9,11	directions	<b>expert</b> 6:49:2	Friday 20:2
Advocate	5:19	briefly 3:13	commences	17:15,16	15:13	extend 13:3	<b>full</b> 16:21
3:10,17 5:5	April 7:13	5:23 6:13	2:2	currently 7:5	discovery	extent 22:10	21:4
5:10,23	Arch 1:8	briefs 18:14	comment	17:11	12:21,21,22		<b>fully</b> 23:4
6:16 8:2,13	areas 6:15	20:12	20:3		discuss 5:23	$\overline{\mathbf{F}}$	ındamental
8:18 9:6,15	arrive 13:10	brought	comments 5:3	<u>D</u>	6:15	<b>F</b> 23:1	15:7
9:22 10:4	assistance	21:22	8:3 18:17	<b>Dan</b> 2:9	discussion	fact 12:5	further 14:18
14:15,21	6:11,22	<b>Bui</b> 3:1,1	19:1,4	14:16 19:3	4:18	15:11	future 8:7
15:2,4 16:5	Associates		20:13	DANIEL	dispute 5:12	<b>fair</b> 9:19	10:2 12:7
18:3 22:4	3:16	<u> </u>	OMMISS	1:13	9:3	13:11	
Advocate's	assume 14:11	C 23:1,1	1:3	Danielle 14:4	disputes 22:8	familiar	G
8:5 9:1	attached	calculated	commonly	data 15:1	22:10	11:16	<b>GAS</b> 1:3
11:20	12:17	15:6	6:23	date 18:20,21	divide 17:18	favorable	give 6:14
afternoon	attend 21:19	call 4:23 5:22	complete	Dave 3:23	documents	11:6	given 21:9
	Attending	Cantu-Hert	18:18	Davis 4:4,4	7:20 10:10	<b>feet</b> 9:10,11	go 3:6 15:5
19:1 21:14		1:13 2:9		deal 8:6		17:15,16	going 15:21
	I		l	1			=

Ρ	aq	re	2

							Page 2
10.40-	17.00.10.10		 				
good 2:43:7	17:23 18:11	know 10:6	mentioned	object 8:23	parties 5:13	9:16,20	21:11
13:18,19	inclusion	13:2	6:8 8:2	objections	12:14,19	pretty 13:18	published
gotten 6:11	17:22		Merritt 3:20	14:12 17:21	18:19 19:21	18:18 22:11	10:17
gratitude	increased	<u>L</u>	3:20	objective	party 12:3	previously	purpose 4:22
13:4	15:14	labor 11:5	methodolog	19:10	<b>PDC</b> 11:17	20:24	purposes 9:2
greater 15:10	increases	LaBuda 1:16	12:1	Obviously	Pennsylvania	primarily 8:6	put 15:22
guess 15:20	17:10	2:20,20	methodolog	21:18	1:8	probably	19:12
	indicated	Lafayette	8:8	Officer 3:8	penny 8:10	20:1	
<u>H</u>	11:20	1:19 3:14	methodology	11:7,11	8:11	procedurally	Q
hand 22:7,9	information	3:15	12:5 15:7	offset 15:15	<b>people</b> 17:16	12:24	questions 6:2
handle 22:11	13:2 15:22	Lafyette 5:6	minute 11:3	okay 3:11 4:2	19:2	proceed 6:17	10:8 12:19
happy 13:14	initial 8:4	Lavery 14:4	MINUTES	4:11,22	person 10:7	proceeding	13:15,17
heard 19:22	initially 6:3	14:4	1:5	14:6 16:16	perspective	7:11 9:5,17	14:17,18,20
hearing 3:8	<b>input</b> 19:5,6	Law 1:16	modified 13:8	17:20 18:5	13:10	9:18,24	quiet 19:9
4:23 5:17	19:19 21:20	2:10,12	modify 9:7	19:15 20:18	petition 11:15	10:1,19	RR
10:11,12,15	interest 8:9	14:2,5	moment 4:16	21:13	<b>PHILA</b> 1:16	21:9	Raftelis 1:18
11:7,11	13:13	lengthy 20:10	Morgan 1:19	ones 16:18	Philadelphia	proceedings	
12:16 14:13	introduce	lesser 15:10	3:15,16 5:6	opinion 12:6	1:1,3,8 2:6	7:12 10:2	4:3,5,7,9 rate 2:8 6:18
14:14 15:24	2:19	Let's 3:13	9:1,12	opportunity	phone 1:17	23:3	6:19,21,22
16:1,3,11	introductory	Liang 1:14	13:16	10:24	3:4,12 4:12	process 12:21	6:24 7:2,3,3
16:15,21 17:22,24	5:21	2:11 18:22	morning 2:4	opposite	6:5 10:7	19:19	7:4,9,11,14
,	issue 9:3	limited 22:10	3:7 21:23	15:12	13:16	Professional	7:16,23 8:9
18:12 19:5 19:19 20:1	issues 11:18	list 10:9 little 19:9	motion 15:22	order 21:3	please 14:1	1:10	7.10,23 6.9
21:14,17	15:5 19:18	20:7	16:6 18:4 move 16:3	ordinance 5:18 21:15	plus 17:1 point 8:22	Program 6:23	8:11,12 9:9
		LOCATION	22:5		I -		9:23 10:2
22:14,16 <b>hearings</b>	Jaclyn 2:22	1:8	moving 18:13	originally 5:16 17:7,8	pointed 19:3 points 8:19	projections 8:6	17:6,8
19:12 20:9	Jaciyii 2.22 Jagt 3:23,23	Locklear 4:6	moving 18.13	other's 13:10	Popowsky	proof 16:13	21:16
21:16	Jennifer 4:8	4:6	N	13:20	1:13 2:4,5	proposal 8:4	rates 5:15 7:5
held 1:12,21	joined 13:23	looks 15:16	N 23:1	outlined 8:17	2:24 3:5,9	8:5	7:18 8:24
4:19	18:2	lot 11:2,18	name 2:5	10:11	3:11,18 4:2	propose 15:8	9:7 10:13
helpful 20:4	joins 16:6	20:17	necessary 6:4	overview	4:11,14,21	proposed 5:8	11:22 12:10
Henrietta 4:6	18:4	20.17	18:15,16	12:24	10:22,24	5:10,15,16	16:22 17:11
hope 21:10	<b>joint</b> 5:17	M n	ewspaper	12.2	11:12 13:22	7:17,24	17:12
22:9	8:17 12:4	<b>M</b> 1:10 23:11	10:16	P	14:6,19	8:24 9:7,11	reached 5:10
hopefully	12:11,17	manner 9:19	Notary 23:11	<b>p.m</b> 21:12,18	16:12,16	11:23 15:4	6:16 8:16
21:4	14:14 16:8	15:2 22:12	note 5:12	22:16	17:5,20	15:19 17:7	really 6:18
21. 1	16:10 17:23	Markus 1:14	12:15 13:1	page 16:23	18:5,10	17:9 19:17	14:19,20
I	19:13	2:13	20:22	17:1	19:3,15	provided	15:6 16:21
identified	jointly 9:6	Markus' 15:1	noted 23:4	Park 14:2,2	20:11,18	7:14,22	22:3
15:24	Jon 4:4	materials	notes 20:12	part 16:11	22:2	public 3:9,17	reason 9:2
identify 2:15	JR 1:19	15:24 18:11	23:5	participants	position 9:21	5:5,10 6:16	reasonable
3:12 14:1	Julia 14:2	matter 22:6	notice 7:15,23	2:15 4:15	11:9	8:2,5,13,18	9:19 12:12
<b>impact</b> 7:19	July 6:19	23:6	10:17,18	8:7 13:24	positions	9:1,6,14,22	13:12,21
important	21:8	matters 5:11	20:23	14:9,11	13:20 19:20	10:4 11:19	recall 18:20
13:1	June 1:4	21:11,16,22	notices 10:16	18:19 19:6	prejudice	13:12 14:15	recollection
include 9:8	18:23 20:13	means 23:16	16:13,14,18	20:2,20	9:21	15:4 16:5	17:9
10:12 16:8	21:1,5,7,12	meeting 1:5	number 8:7	21:19 22:3	preliminary	19:4,6,11	recommend
included	·	2:2 21:5,7,7	12:18	participated	7:16	19:19 20:1	11:7
10:10 12:16	K	21:11	numbers 15:6	8:14	prepared	21:11,16,17	reconciliation
12:22	<b>K</b> 1:19	Melissa 1:16		participation	11:4	21:20 22:16	6:10 7:12
includes	<b>kind</b> 8:19	2:20	0	12:7	present 2:15	23:11	7:17 8:1 9:4
				particular	presented	publicly	record 2:16
16:12	KING 1:10	MEMBERS	1 0 23:1	par ucuiai	l Diesenien	DUDLICIA	I CCOI u 2.10
16:12 including	<b>KING</b> 1:10 23:11	MEMBERS 1:16,18,18	O 23:1 oar 11:5	9:4,17	presenteu	publicly	4:16,19,21

STREHLOW & ASSOCIATES, INC. (215) 504-4622

							Page 3
	ı	ı	ı	ı	I	ı	1
10:11 13:19	12:22	set 5:3 12:10	surcharge	thought 20:6	waived 10:4	10:12 12:16	9
15:23 16:4	result 8:9,15	14:12 16:21	6:22,24 7:4	thousand 9:9	want 2:19 6:6	14:13 15:24	<b>9</b> 17:2
18:7,18	9:15 12:13	settlement	sure 2:20	9:10 17:15	6:13 19:2,6	16:3,11	7 17.2
20:8 22:18	15:9	11:15	14:8	three 5:88:20	20:16,19,21	17:6,8,13	
Records 7:8	resume 22:15	sewer 2:7		Tiered 6:22	20:22 22:3	17:15,17,18	
7:22 10:15	review 20:3	8:12 9:11	T	time 1:21	wanted 11:2	17:22 18:9	
recovery	reviewed 15:3	17:8	<b>T</b> 23:1,1	4:18 6:9	14:7 18:19	18:12	
15:10	revisions 7:18	shared 13:7	<b>T-A-P</b> 6:24	11:8 22:20	Waste 2:7	<b>1.16</b> 9:10	
reduced	rider 5:2,4,18	sharing 13:5	taken 23:5	timely 15:2	water 2:6,7	<b>10.0</b> 7:6	
15:13	6:21 7:4,12	sidebar 19:10	takes 11:10	today 2:9	2:18,21,23	<b>10.3</b> 7:6	
refer 6:23	7:16,23	small 11:21	<b>TAP</b> 5:2,4,18	10:19 19:17	3:2,21,24	16:23	
referenced	8:11,12,24	12:18	6:23 7:11	today's 4:22	4:5,7,9,24	<b>10:00</b> 1:21	
18:9,11	14:23 15:14	<b>Sonny</b> 1:13	7:16,23 8:7	total 17:17	5:9 6:20	<b>10:03</b> 2:2	
regarding	15:14	2:5	8:11,12,24	transcript	7:13 8:11	<b>10:27</b> 22:21	
15:5	<b>Rob</b> 3:6	sooner 20:15	9:4 14:23	23:7,14	8:18,22 9:4	<b>12</b> 6:19	
regardless	<b>Robert</b> 1:15	sorry 14:13	TAP-R 9:9	transcripts	9:5,10,14	<b>1515</b> 1:8	
5:13	3:8,9	sort 11:9,14	17:1	19:24	9:22 10:3	<b>17</b> 18:23	
Registered	Rogers 2:22	15:12,15	tariff 5:19	treating	14:15 17:6	17 18.23 17th 18:22	
1:10	2:22	19:9	Tavantzis 4:8	11:14	way 15:15	<b>18</b> 20:13 21:1	
regulations	room 4:15	spreadsheets	4:9	two 17:18,19	Wednesday	<b>18th</b> 1:8	
5:18 7:10	14:9 21:18	13:5,8	technical 1:2	type 22:11	1:4	1011 1.0	
14:22 22:6	RPR 1:10	start 3:13 6:6		type 22.11	welcome	2	
	23:11		4:23 14:14 17:23 22:20	<u> </u>		<b>2</b> 10:12 16:1	
rely 20:22,23		starting			21:19		
remarks 5:21	run 8:20	17:13 21:18	telephone	ultimate	went 15:12	16:3,21	
remember	<u> </u>	<b>statement</b> 5:6	8:14 22:15	11:13	wish 18:17	17:1,22	
18:21	l ———	5:8 7:17 8:1	tentatively	ultimately	20:3	21:8,12,18	
report 11:11	schedule	8:17,20	21:8	5:14 13:10	witnesses 6:4	22:16	
reporter 1:10	18:13 21:14	11:3 12:4	terms 18:13	15:9	10:5,6	<b>2018</b> 6:19 7:7	
1:10 23:11	scheduled	12:11,17	terribly 20:10	underlying	work 14:22	7:9 9:23	
23:19	21:8	14:14 16:8	testifies 19:5	12:4 13:5	21:2	17:13	
reproduction	Schwartz	16:10 17:23	thank 2:21	understand	working 3:17	<b>2019</b> 1:4 7:13	
23:15	1:15 2:17	19:13,13	3:18 6:7	15:19	3:21,24	7:21 8:3 9:8	
request 9:15	2:17 3:3 6:7	statements	10:21,23	understand	works 2:10	<b>24</b> 8:3	
9:20 15:1	11:1,20	7:19	13:14 14:6	5:2 13:19	writing 20:8	<b>27</b> 21:5,7,12	
requesting	16:2,9,14	status 21:9	14:24 22:3	17:6	written 5:3	l	
9:6	16:17,24	stenographic	22:4,14	understood	8:3 22:9	3	
required	17:14 18:1	23:5	thanks 10:24	9:13 11:12		<b>3</b> 10:15 16:1	
21:15	21:24	Steven 1:14	13:4	15:18	X	16:3,15	
resolution	Scott 1:15	2:11	theory 18:24	unreconcila	<del></del>	17:2,22	
5:11 13:21	2:17 6:6	Stormwater	thereof 9:24	15:10	Y	<u> </u>	
15:20	11:4 19:8	2:7,8	things 12:7	usage 9:10,11	<b>yeah</b> 16:24	4	
resolve 9:18	Second 9:13	Street 1:8	think 4:2	17:2,3	17:4 18:10	<b>4</b> 7:13	
21:6,10	Section 16:23	submitted 8:2	11:9,22	use 13:6	20:15		
resolved	17:2	Subsequent	12:3,24	17:16	<b>year</b> 7:10	5	
12:20	Sections 7:6	5:7	13:11,17,18		yesterday	5 1:4	
resolving 9:3	17:1	summary	15:18 18:1		16:19	<b>500</b> 17:16	
respect 5:4	see 4:14 13:9	11:1	18:15,18,22	various 12:1			
respond 19:2	13:22 21:19	supervision	19:10 20:5	Veatch 1:18	Z	6	
19:7	seeking 11:6	23:18	20:5,12,14	3:2,19,21		<b>6</b> 7:21	
responding	12:2,9	support	20:16,18	3:24	0		
14:24	sent 20:24	19:13,14	22:6	view 11:20	<b>0.71</b> 9:9	7	
response 4:13	September	supporting	thinking	vote 11:13			
responses	7:7 9:8	7:19	20:17		1	8	
	17:13		Third 9:20	W	<b>1</b> 7:7 9:8		
	17.13	l				l	