

Philadelphia Water Department Rate Board Hearing
April 6, 2016

CITY OF PHILADELPHIA
PHILADELPHIA WATER DEPARTMENT PRESENTATION
RATE BOARD HEARING
WEDNESDAY, APRIL 6, 2016
10:00 A.M. - 1:45 P.M.
MINUTES OF FORMAL MEETING

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LOCATION: 1515 Arch Street, 18th Floor
Philadelphia, Pennsylvania

REPORTED BY: SUSAN A. HURREY, RPR

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HELD BEFORE:

NANCY BROCKWAY - HEARING OFFICER

BERNARD BRUNWASSER - CHAIR

SONNY POPOWSKY - BOARD MEMBER

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2 P R O C E E D I N G S

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4 MS. BROCKWAY: This is a
5 continuation of the hearing before the
6 Philadelphia Board of Sewer and Storm Water
7 Rate Board in the matter of the proposed
8 increase of water and wastewater rates for
9 fiscal years 2017 and 2018 of the Department.
10 We have a little bit of housekeeping to start,
11 Mr. Ballenger.

12 MR. BALLENGER: Yes. Thank you,
13 Madam Hearing Officer. I just wanted to note
14 one typographic error to our errata sheet,
15 embarrassing as that is. And that is in the
16 errata listed at page 19, line 15 of our errata
17 sheet. It states the words quote, water
18 customer revenues by 0.5 percent,
19 parenthetical, assumption-6, close
20 parenthetical, and sewer customer, quote,
21 should be, quote, water customer revenues by --
22 and here's the typo, it should be 0.50 percent,
23 instead of 0.05 percent.

24 MS. BROCKWAY: I'm sorry.

1 MR. BALLENGER: The decimal point
2 is one position over to the left from where it
3 should be. The decimal point should be 0.50.

4 MS. BROCKWAY: That's what I have
5 got on my list, so I'm confused. Hold on a
6 second. Oh, that one. I thought you were
7 talking about the first one.

8 MR. BALLENGER: No. My apologies.
9 I was on page 19. Line 15 should state water
10 customer revenues by 0.5 percent in the last
11 quoted passage in that errata. That's the
12 typographic error we made.

13 MS. BROCKWAY: Somebody will
14 explain to me at some point why 0.50 is
15 different from 0.50.

16 MR. BALLENGER: The problem is it
17 says 0.05 and it should be 0.50. The five and
18 the zero are juxtaposed.

19 MS. BROCKWAY: The two numbers
20 should be identical?

21 MR. BALLENGER: Correct. Thank
22 you.

23 MS. BROCKWAY: Thank you. Mr.
24 Dasent, I understand you have witnesses to

1 present and they will go through your outline
2 of the rebuttal?

3 MR. DASENT: Yes. But before that,
4 a little housekeeping. We handed out earlier
5 an errata sheet for a rebuttal outline and it
6 indicates, I think it's self-explanatory,
7 section five, one word changes -- prospectively
8 changes to retroactively and it deals with some
9 of the bond requirements.

10 MS. BROCKWAY: This is 5B1?

11 MR. DASENT: Yes. And I strike
12 prospectively and insert retroactively. It was
13 a typo.

14 MS. BROCKWAY: So it reads
15 prospective analysis when rates are being set,
16 tested retroactively.

17 MR. DASENT: Yes. And Ms. Allen
18 will explain. Also, as part of rebuttal
19 outline, we have a table that Black & Veatch
20 prepared that was attached to it, table one. I
21 have copies in the room just to make sure that
22 everyone who perhaps didn't bring it would be
23 supplied with a table. If you indulge me, I
24 will hand that to the Board.

1 MS. BROCKWAY: Go off the record.

2 (Discussion held off the record.)

3 MS. BROCKWAY: We'll go back on the
4 record. Mr. Dasent.

5 MR. DASENT: Thank you, Your Honor.
6 We're ready to present our rebuttal case and we
7 have identified the panel before off the
8 record, but they are Melissa LaBuda, the Black
9 & Veatch witnesses, Dave Jagt, Prabha Kumar,
10 Ann Bui, Kathy Clupper of Public Financial
11 Management, Valarie Allen from Ballard Spahr
12 and I think I have captured everyone.

13 I will direct the questions to the
14 responding witness, but it's a panel, so
15 hopefully that will give you the answers that
16 you need as we go.

17 My first question is directed to
18 Ms. LaBuda and it's section one of our outline.
19 Mr. Morgan's contentions that the rate model is
20 flawed are mistaken is our heading.

21 Now, Ms. LaBuda, Mr. Morgan's
22 central thesis is that the rate model is
23 flawed. He specifically states in his
24 testimony that the Department's financial

1 forecasts have historically overstated the
2 utilities revenue requirements and that is
3 likely to continue. Do you agree?

4 MS. LABUDA: No, I do not. The
5 Department has reviewed our historical
6 forecast. We've made the appropriate
7 adjustments for this proceeding. While the
8 previous forecasts appear to have been
9 conservative, they have benefitted ratepayers
10 by allowing us to go to fiscal year '16 with a
11 zero percent rate increase and to mitigate the
12 rate increases for '17 and '18 all for the
13 benefit of ratepayers.

14 MR. DASENT: My second question
15 directed to both Ms. LaBuda and Ms. Bui. Mr.
16 Morgan claims that operating conditions in its
17 fiscal 2018 are so far out in the future to be
18 speculative. Do you agree?

19 MS. LABUDA: No. The projections
20 for fiscal year '18 are based on
21 well-considered estimates, consistent with
22 current industry standards set forth in the
23 AWWA manual, which is also referenced in the
24 report ordinance.

1 MS. BUI: I would concur with Ms.
2 LaBuda's statement there. As you know, it is
3 really the obligation of the utility, the
4 municipal utility in particular, to take a look
5 at long-range financial planning. And in order
6 to do that, we look at those -- the Department
7 does -- the five-year forecast. That also
8 allows us to mitigate any potential ratepayer
9 impacts that might result due to large capital
10 programs.

11 MR. DASENT: My third question to
12 Ms. LaBuda, based upon Mr. Morgan's assessment
13 of the rate model, he questions whether a rate
14 increase is necessary at all because he sees no
15 revenue shortfall. Do you agree?

16 MS. LABUDA: No. The Department
17 has done everything we could to avoid a rate
18 increase, but the rate increase is unavoidable.
19 We have got some reasons. We have got the need
20 to replace aging infrastructure. We must meet
21 regulatory mandates. We lost a major contract
22 with Bucks County Water, is the equivalent to
23 seven to eight million revenue annually. We
24 have growth in fixed cost such as pensions,

1 healthcare and labor negotiations. The
2 deductions that Mr. Morgan is making puts the
3 Department at risk of not meeting its financial
4 obligations.

5 MS. BROCKWAY: Thank you. May I
6 interrupt for just a second? I'm trying to
7 follow the outline and this doesn't track
8 exactly the outline. Is that to be expected?
9 We shouldn't worry whether it tracks the
10 outline?

11 MR. DASENT: It's not going to
12 track it precisely, but it was going to give a
13 heads up basically that these are the subjects
14 we would like to discuss. We will discuss most
15 everything that we have identified in the
16 outline. We try not to be redundant because
17 some issues were covered yesterday.

18 MS. BROCKWAY: I'm making a
19 different point, which is, for example, I
20 couldn't find the reference in the outline that
21 Ms. LaBuda just responded to or dealt with.

22 MR. DASENT: Well, we were dealing
23 in this particular section of the outline with
24 the fact that the rate model is flawed, and

1 rebutting that contention that was raised by
2 Mr. Morgan. We say it's mistaken. We say
3 several ways which we believe it's mistaken.

4 MS. BROCKWAY: I understand that.
5 So in other words, it's not me that I don't see
6 here on the piece of paper, we do have a
7 revenue shortfall, he's wrong that we don't.
8 That just flows out of these other --

9 MR. DASENT: Yes, it does.

10 MS. BROCKWAY: Okay. Sorry to
11 interrupt. Thank you.

12 MR. DASENT: Based upon Mr.
13 Morgan's various criticisms of the rate model
14 and past projections, do you agree that the
15 rate model is flawed?

16 MR. BALLENGER: Can I just object?
17 I'm not sure what you mean by various
18 criticisms. I prefer to respond to the
19 specific points in his testimony that you
20 direct to us where you're responding.

21 MR. DASENT: Sure. The additional
22 costs, the spend factors, the escalation
23 factors, and the other recommendations that Mr.
24 Morgan makes to eliminate the revenue

1 requirement as a part of his criticisms of the
2 rate model. Do you agree that the rate model
3 is flawed?

4 MS. KUMAR: No. The financial plan
5 model has a high degree of modelling integrity
6 with respect to four key aspects. It meets all
7 of the general bond ordinance and insurance
8 covenants. It's mathematically accurate. It
9 uses all available reliable data. And it uses
10 reasonable and defensible projections, and it
11 provides transparent analysis of all the
12 mathematical analysis in the model.

13 MR. DASENT: Thank you. Moving to
14 section two of our outline. I'm addressing
15 this to Black & Veatch and Ms. LaBuda. Mr.
16 Morgan states the Department is not at the
17 brink of financial distress at page ten of his
18 testimony. Based upon your review of his
19 recommendations, do you agree?

20 MS. LABUDA: No, I don't. As I
21 have stated earlier, the Department has made
22 significant efforts over the last four years to
23 control spending. However, in fiscal year '16,
24 we didn't have a rate increase where we're now

1 utilizing a withdraw from the rate
2 stabilization trend to bridge our gap between
3 revenues and obligations. We're also utilizing
4 the rate stabilization fund in '17 and '18 to
5 continue to bridge the gap between obligations
6 and revenues.

7 MR. DASENT: Mr. Jagt, is there --

8 MS. BROCKWAY: Excuse me. Let's go
9 off the record.

10 (Discussion held off the record.)

11 MS. BROCKWAY: Go back on.

12 MR. DASENT: Mr. Morgan states at
13 page ten of his testimony that the Department
14 is not at the brink of financial distress. As
15 a supplement to Ms. LaBuda's answer, do you
16 have anything more to add, Mr. Jagt?

17 MR. JAGT: We just want to point
18 out the proposed changes, as proposed by the
19 Public Advocate, have run the risk of
20 underperforming the projection of revenues with
21 the cuts in the volumes -- or the increases in
22 the volumes they are proposing, we run the risk
23 at coming in at lower volumes and the utility
24 under recover in revenue. And also, by

1 projecting lower expenses based on the
2 revisions to the escalation factors, the actual
3 budget factors, and the proposed elimination of
4 the additional expenses to meet the additional
5 needs of the system, we're running the risk of
6 understating the O&M expenses as well. So the
7 combined risk of understating revenues and
8 overstating -- or overstating revenues,
9 understating revenue requirements, we're at
10 risk of not meeting the bond covenant
11 requirements.

12 MR. DASENT: Is there anything more
13 to add to that?

14 MS. LABUDA: Yes. In fact, one of
15 the challenges we face with the proposed LKM-1
16 that was circulated yesterday is that, once
17 again, shows a covenant default based on the
18 Public Advocate's recommendations.

19 MS. BROCKWAY: Can you direct us to
20 where that is?

21 MS. LABUDA: Sure. I believe this
22 was handed out yesterday. It was in the errata
23 sheeted. I'm looking at the combined
24 operations revised schedule LKM-1. And I'm

1 looking at line -- I believe it's 26 and --

2 MS. BROCKWAY: Excuse me. Just for
3 people's reference, this is the second page in.
4 Okay. All right.

5 MS. LABUDA: That's okay. I'm
6 looking at the second page in, line 26. I'm
7 looking under the Public Advocate column for
8 fiscal year '18. And I see senior coverage of
9 1.19 percent, which is lower than the required
10 amount in the general bond ordinance.

11 MS. BROCKWAY: Thank you.

12 MR. DASENT: Now, again, referring
13 to schedules LKM-1 through 3 and the narrative
14 testimony that Mr. Morgan proffers. Are there
15 any inconsistencies, other than already
16 mentioned, between his recommendations and the
17 schedules?

18 MR. JAGT: Well, first off, we want
19 to point out -- refer back to the original
20 submission of the schedule LKM-1, 2 and 3. As
21 originally filed, the schedules included the
22 additional revenues as requested by the
23 Department and the amount per Public Advocate
24 column. And as such, they overstated the

1 transfer from the revenue fund on line 34 in
2 each of their presentations, which subsequently
3 overstated the projection of fund balances as
4 they originally proposed. Since the original
5 filing, they went ahead and revised that to
6 reflect the proper adjustments. But the
7 original submission was mathematically
8 incorrect.

9 MS. BROCKWAY: Again, when you say
10 fund, can you be very specific? Because I'm
11 still trying to get my head around all the
12 different types of funds there are.

13 MR. JAGT: Sure. The residual fund
14 balance that was projected in the original
15 submittal. So in what -- the original
16 submittal, line -- the line 34 was overstated
17 and as well as the total on line 40, which is
18 the projected residual fund balance.

19 MR. DASENT: Based upon the
20 corrections or errata, have all these
21 inconsistencies been eliminated, Mr. Jagt?

22 MR. JAGT: No. There are the
23 consistencies between the policy objections
24 that he makes and his testimony and what he

1 presents in the exhibit. For example, if you
2 look at Mr. Morgan's testimony. With regards
3 to bond coverage, on page 43 of his testimony,
4 Mr. Morgan suggests or states that he
5 recommends that coverage utilized for the rate
6 proceeding shall remain at 1.20. However, in
7 his example in the schedules he provides, in
8 the columns for the Public Advocate or the
9 amount per Public Advocate for fiscal year '17,
10 on line 26, he presents 1.31 coverage. And
11 then again in fiscal year 2018, he presents
12 1.19. Both of which are inconsistent with what
13 he presents or suggests. And in fact, in
14 fiscal year 2018, it's below the minimum
15 required for the utility, which would be 1.20
16 and represents a technical default.

17 MS. BROCKWAY: Can you give us a
18 line number on page 43?

19 MR. JAGT: Sure.

20 MR. BALLENGER: Line three.

21 MS. BROCKWAY: Line three. Thank
22 you.

23 MR. JAGT: I'm going to need the
24 line reference for the next one and I have to

1 look that up.

2 MS. BROCKWAY: Maybe we'll rely on
3 Ballenger.

4 MR. JAGT: The second fact is on
5 the cash fund to capital. On page 47 of Mr.
6 Morgan's testimony, which --

7 MS. KUMAR: Line nine.

8 MR. JAGT: Line nine. Thank you.
9 Mr. Morgan indicates that he does not agree
10 with the Department's proposal to fund 20
11 percent of the capital. So cash funding of
12 capital projects. However, the amounts as he
13 presents in his exhibit or schedule one
14 continue to reflect the Department's request,
15 which maintains the 20 percent. And that would
16 be presented on line 37 of schedule LKM-1. And
17 the fact that he leaves the presentation of the
18 proposed transfers at the Department's
19 suggested levels just indicating -- he's
20 reflecting the -- that we achieve the 20
21 percent as proposed.

22 MS. BROCKWAY: Line 37, I'm looking
23 at transfer to construction fund. That's the
24 line you're talking about?

1 MR. JAGT: Yes, ma'am.

2 MR. DASENT: Turning your attention
3 -- have you finished your answer?

4 MR. JAGT: No. There's one other
5 point. Just that the recommendation states
6 that there were no revenue increases. But to
7 the contrary, the analysis presented by Mr.
8 Morgan in the cash flow table, as originally
9 submitted, included the BMD proposed increases.
10 And based on the inclusion, the end result was
11 that presented an end-of-year revenue fund
12 balance over the amount that we projected.

13 MR. DASENT: Does that complete
14 your response?

15 MR. JAGT: Yes.

16 MR. DASENT: Turning your attention
17 to table one that we handed out earlier today.
18 And it was appended to the rebuttal outline,
19 Mr. Jagt. Table one prepared by Black &
20 Veatch. It was handed out earlier. Mr. Morgan
21 eliminates PWD claims for additional costs. Do
22 you see, with your attention turned to table
23 one, that the analysis is premised upon a
24 proper application of the model? Basically I'm

1 asking to walk you through the exhibit.

2 MR. JAGT: Okay. On the exhibit --
3 sorry, I don't have the --

4 MR. DASENT: Looking at page one,
5 item one. Could you just sort of walk us
6 through the exhibit and what it means?

7 MR. JAGT: All right. This walks
8 through basically how Mr. Morgan's original
9 draft of the testimony was based on the cash
10 flow analysis within the Black -- or the
11 revised model, which they had provided to us
12 after their revisions.

13 MS. BROCKWAY: Excuse me. The
14 revised model? Your revised model or theirs?

15 MR. JAGT: It's their revised
16 model, yes, ma'am. So in the original filed
17 exhibit, they submitted line one. The
18 projected revenue was pulled straight out of
19 the model and reflect the proposed decreases in
20 the revenue and also the adjustment for the --
21 removing the billing safety factor.

22 MS. BROCKWAY: Can you -- I'm going
23 to have to take all of this later and
24 summarize. It would be really helpful if -- so

1 it will all be one place in the transcript, you
2 could mention the numbers.

3 MR. JAGT: Sure.

4 MS. KUMAR: Just to give an
5 overview in what you're seeing in table one,
6 table one is from the model provided by Mr.
7 Morgan. And what you are seeing on the left
8 side, which is called LKM cash flow table, C-1
9 is the table in their model of how the data
10 analysis in table C-1. And then on the right
11 side what you see is the schedule that they
12 presented called LKM-1. And this table, as a
13 whole, points to the inconsistencies between
14 these two that are inherent in the original
15 model that they had provided.

16 MR. JAGT: Okay.

17 MR. DASENT: So line one mentioning
18 the numbers, Mr. Jagt?

19 MR. JAGT: Correct. So line one,
20 as reviewed, were straight from table one of
21 the revised cash flow model. He pulled the
22 exact projection of revenue as reflected, the
23 adjustment to the usage for the reduced
24 decrease and the elimination of the billing

1 safety factor.

2 Line two -- while -- line two,
3 which was the -- which was from the increased
4 revenues from proposed adjustments, from the
5 Black & Veatch model in the cash flow, he left
6 the cash flow -- the requested revenue
7 increases. So we had still, in the analysis,
8 additional revenues of 35 million in fiscal
9 year 2017 and 72 million in fiscal year 2018.
10 However, in the presentation table, it was
11 presented that there were no revenue increases
12 requested.

13 MR. DASENT: Just so we're clear,
14 the presentation table or the LKM-1?

15 MR. JAGT: The schedule LKM-1.

16 MR. DASENT: That were appended to
17 the original testimony?

18 MR. JAGT: That's correct. That
19 was lines nine and ten presented no increase.
20 However, in the supporting documentation or
21 analysis, it did include the additional
22 revenues.

23 MR. DASENT: Why is this important,
24 Mr. Jagt?

1 MR. JAGT: It shows the fact that
2 the projected cash flow overstated the revenues
3 in the revenue fund, which subsequently
4 overstated resulting interest earning
5 projections and overstating fund balances.

6 MS. KUMAR: Based on which the
7 recommendations that are in the testimony.

8 MR. DASENT: Please continue down
9 the chart. We're at line three.

10 MR. JAGT: So as a result,
11 increased other revenues, which reflected the
12 interest earnings during the -- in the revenue
13 fund and other operating funds of the utility,
14 the results in the model are presented as line
15 three. We have 23.4 million in fiscal year
16 2017 and 7.2 million in fiscal year 2018.
17 However, as originally presented in the model
18 -- well, he inaccurately stated in LKM-1, the
19 exclusion of revenue increases. It should have
20 been reduced and reduced the interest earnings.

21 MR. DASENT: So the additional
22 revenues would have created interest earnings?

23 MR. JAGT: Yes. Since the analysis
24 included the additional revenues, the fund

1 balances were higher, and as such, the interest
2 earnings reflected in the analysis were
3 overstated.

4 MR. DASENT: Line four.

5 MR. JAGT: All right. Line four.

6 As he went through the exercise and eliminated
7 or made the proposed revisions to the O&M, to
8 remove the additional O&M and reduce the rate
9 case cost by normalizing, he actually reduced
10 that FY '17 expenditures by half of the rate
11 case expenses. And then also applied the
12 adjusted escalation factors, the spend factors
13 as he proposed, and adjusted liquidated
14 encumbrances. So the results in the model as
15 projected -- or actually from in the cash flow
16 statement in the model are the same as he
17 presented in the schedule testimony on line 24.
18 There's no issues on this line item.

19 MR. DASENT: Dropping down. Line
20 five.

21 MR. JAGT: All right. Here, as we
22 pointed out earlier, is one of the examples of
23 that he didn't continue to demonstrate the
24 policies, like for debt service coverage. On

1 line five in the Black & Veatch model,
2 representing that he retained the proposed
3 transfers from the rate stabilization fund from
4 the Black -- the original Black & Veatch
5 analysis, and then carried those transfers over
6 into his presentation on line 25 of schedule
7 LKM-1 of the same amount.

8 MS. KUMAR: This is important,
9 because when you're adjusting the revenue on
10 the existing rates, when all the revenue
11 requirements and all the O&M costs and line
12 item four are getting adjusted, then in a cash
13 flow analysis, the transfer from -- transfer
14 from the rate stabilization fund or money
15 putting into the rate stabilization fund should
16 be adjusted. But here, while they adjusted all
17 the others, this 19.3 million and the 39
18 million are what was proposed by the Department
19 through the Black & Veatch model and that has
20 been adjusted. So that's why this line is
21 important.

22 MS. BROCKWAY: Adjusted in what
23 direction?

24 MS. KUMAR: Based on the revenue on

1 the existing rate that they increase.
2 Basically they increased the revenues in line
3 one. They decreased the cost in line four.
4 And when you do all of that, which means then
5 you have to look at all of the other
6 parameters, the parameters of senior debt
7 coverage and all of that and depending on what
8 they need, the transfer from the rate
9 stabilization fund should be adjusted.

10 MS. BROCKWAY: I understand that.
11 So in line five, let's say fiscal 2017, the 19
12 million, if -- my understanding, this is what
13 the Department's -- the Black & Veatch model
14 had and you're saying it should be different.
15 Which direction should it be different?

16 MS. KUMAR: Good question. The
17 19.3 should have been lower and the 39 million
18 should have been higher.

19 MR. DASENT: Dropping down to line
20 six. Mr. Jagt, just walk us through the table.

21 MR. JAGT: Sure. As Prabha Kumar
22 already identified, with the previous
23 adjustments on the lines above, the net effect
24 of the net revenues of the system were

1 presented in the rate model analysis from table
2 C-1 of the revised cash flow. On line 21, the
3 result was 308 million 11,000, and in 2018 the
4 result would be 336 million 532,000. What is
5 presented in the testimony, original filed
6 testimony, as 272 million 827,000 and 264
7 million 387,000. So it was -- even though in
8 the presentation it's corrected to remove the
9 additional revenues --

10 MS. BROCKWAY: Which presentation?

11 MR. JAGT: In LKM-1, it was revised
12 to appropriately reflect the elimination of the
13 additional revenues due to the proposed
14 increases. This just demonstrates that the net
15 revenues, as projected in the model and the
16 basis of the presentation included the
17 additional revenues and as such, like we
18 already mentioned, ended up overstating the
19 interest earnings.

20 MS. KUMAR: So here again, line
21 item six points out the internal inconsistency
22 in the model where in one table the revenue
23 increases were included. The Black & Veatch
24 proposal increases were included. But in the

1 schedule LKM-1 that was attached to the
2 testimony, those revenues were excluded. And
3 so you can see in line six, the impact of
4 including the revenue in one place and
5 excluding the revenues in the other place.

6 MR. DASENT: Dropping down to the
7 bottom of the table --

8 MR. JAGT: Line seven and eight,
9 there are no inconsistencies between the two
10 models. So we can --

11 MS. KUMAR: As proposed by Black &
12 Veatch.

13 MR. DASENT: On line nine, is there
14 any comment?

15 MR. JAGT: Again, because of the
16 results of above the lines -- the lines above,
17 per the projection of the -- the beginning
18 residual fund balance, as presented in the
19 model, due to the cumulative effect of
20 increased revenues and decrease in the
21 expenditures, and the fact that originally we
22 had left the additional revenues in, the
23 beginning fund balances presented were
24 inaccurately carried over between the models.

1 MS. BROCKWAY: Presented by whom?

2 MR. JAGT: In the original LKM-1
3 analysis.

4 MR. DASENT: By Mr. Morgan.

5 MR. JAGT: By Mr. Morgan.

6 MR. DASENT: We're trying to
7 illustrate --

8 MS. BROCKWAY: That's all right.
9 He can do it. So let me just try to clarify
10 this. It would be so helpful if you specified
11 with exhausting detail which parties, which
12 document you're talking about. So I'm looking
13 at line nine of this exhibit and fiscal 2017 is
14 42 million and 2018 is 90 million. The same
15 numbers on the right side. Can you explain,
16 again, why that's a problem?

17 MR. JAGT: Okay. So he used the
18 same numbers between the two presentations. So
19 he pulled from the model analysis the exact
20 values.

21 MS. BROCKWAY: Which model?

22 MR. JAGT: So from the revised
23 Black & Veatch model with his proposed edits,
24 but including the additional revenues which

1 were not included in his schedule LKM-1.

2 MS. CLUPPER: Basically what you're
3 saying is if you look at LKM-1 on line 30, the
4 residual fund, what you're saying is that the
5 beginning balance is 42 million. Mr. Morgan's
6 testimony, Black & Veatch is 15 million. So
7 what you're saying, Dave, is that they're
8 overstating the beginning balance in '17 by 26
9 million dollars.

10 MR. JAGT: Correct.

11 MS. CLUPPER: If you make that line
12 30 of the residual fund beginning balance 15
13 million, similar to the Black & Veatch, if you
14 don't carry over that additional 26 million and
15 you walk that all the way through --

16 MS. KUMAR: Actually, that's not
17 true. What we are trying to point out here is
18 that there are two tables within the LKM model,
19 which is called a revised model. There are two
20 tables. One table is called table C-1, which
21 is on the left side, and another table called
22 LKM-1 on the right side. These two tables
23 should be identical. Because LKM-1 is nothing
24 but a summary of table C-1. Therefore, the

1 numbers should align between LKM-1 and table
2 C-1, because table C-1 is really the driver.
3 However, the fundamental mistake between C-1
4 and LKM-1 is that table C-1 include the Black &
5 Veatch proposed revenue increases which it
6 should have never included. If that was the
7 intent, they should have never included those
8 revenue increases. But because those revenue
9 increases were left there, all the calculations
10 were dependent upon them being left there. And
11 therefore, in line item nine, what it did was,
12 because the revenue increases were left in
13 table C-1, in line nine it overstated the
14 beginning balance, especially if you look at
15 column 2018. Now, in LKM-1 on the right side,
16 the revenue increases, they removed it. And if
17 they remove the revenue increases which we
18 talked about in the first page, then these
19 numbers will not be 90 million 393.

20 MS. BROCKWAY: I'm sorry. I don't
21 see someplace where those numbers got lower.
22 So explain again where you're saying that the
23 numbers --

24 MS. KUMAR: We can explain that

1 using the new errata sheet that they have now
2 given. Just pointing this from the original
3 data that was provided on the errata sheet that
4 was provided. So, for example, if you hold
5 this side by side in the errata sheet that we
6 have. So in LKM-1, because of the revenues
7 being left, they are presenting 90.3 million as
8 the residual fund balance in line item nine in
9 this page that we all looked at, in table one.
10 But now if you look at the errata sheet, that
11 number has now dropped to 15 million 83.

12 MS. BROCKWAY: What line number?

13 MS. KUMAR: The line number is 31.
14 Beginning of year, residual fund balance, line
15 31.

16 MS. BROCKWAY: Thank you.

17 MR. JAGT: For consistency, we'll
18 refer to table C-1 as the model, the results
19 within the model as revised. And then LKM-1,
20 we'll refer to the original -- the results as
21 presented.

22 MS. BROCKWAY: Again, that confuses
23 me. Because we have several different models
24 being talked about. We have Black & Veatch

1 original and revised. We have Mr. Morgan's
2 running of the model with his assumptions. So
3 I need you to be very clear about when you say
4 model, which one are you talking about?

5 MS. KUMAR: There is no Black &
6 Veatch revised. This is really Mr. Morgan's
7 original model, and that model is basically
8 nothing but taking the Black & Veatch model,
9 making all the changes. That is why we call it
10 the LKM revised model. So they took the Black
11 & Veatch model, made adjustments to it, revised
12 it. The crux of the matter is that when you're
13 taking a model and making some changes, all
14 those calculations have to be mathematically
15 accurate. And what this is demonstrating is
16 that while they made adjustments to numbers,
17 the mathematical cash flow analysis was not
18 performed accurately. That is the bottom line
19 that we are trying to establish through this
20 discussion and that's what table one is trying
21 to establish.

22 MR. DASENT: You mentioned also the
23 errata sheet that was supplied by Mr. Morgan
24 indicating there were certain inconsistencies

1 you wanted to correct for, included in his
2 schedules. Does that solve all the problems in
3 terms of the inconsistencies in his
4 presentation?

5 MR. JAGT: No. As we already
6 reviewed earlier, the fact that he continues to
7 still reflect the fact that coverage as
8 presented is not the coverage as he suggested
9 in the model or in his testimony. And that the
10 transfers for construction fund are also
11 overstated. He suggests reducing it, but still
12 continues to present the 20 percent transfers
13 that the City proposes.

14 MR. DASENT: Let's move to section
15 three.

16 MS. BROCKWAY: Before we do --
17 actually, let me do this right now. We have
18 not marked any of these pieces of paper coming
19 in and I think it would be helpful. So what I
20 would like to do is start with the -- the first
21 piece of paper that we got was the Exhibit-1
22 from -- we had Exhibit-1 marked from Public
23 Advocate. We have Exhibit-2 marked from Public
24 Advocate. We can go off the record.

1 (Discussion held off the record.)

2 MS. BROCKWAY: I'm looking now at
3 the errata sheet for the direct testimony of
4 Lafayette Morgan, Jr. And my understanding is
5 that the next exhibit number would be three.
6 Is that correct? I see heads nodding. So that
7 will be Exhibit-3. Say that again.

8 MR. BALLENGER: The first two are
9 marked Public Advocate hearing Exhibit-1 and 2.
10 So for consistency, I would suggest Public
11 Advocate hearing Exhibit-3.

12 MS. BROCKWAY: Okay. So we're
13 going to distinguish between Public Advocate
14 exhibits and other people's exhibits.

15 MR. BALLENGER: Correct.

16 MS. BROCKWAY: All right. Let's
17 then go to the errata sheet that was presented
18 this morning from the Public Advocate and we'll
19 make that Public Advocate Exhibit-4.

20 MS. LABUDA: The Department.

21 MR. BALLENGER: The Department's
22 errata.

23 MR. DASENT: The Department's
24 errata this morning would be our Exhibit-1,

1 just to distinguish between the filing of this.

2 MS. BROCKWAY: You're jumping
3 ahead, Mr. Dasent. Let's go off the record.

4 (Discussion held off the record.)

5 MS. BROCKWAY: So the next document
6 that we have is an errata sheet -- actually,
7 let's start with the rebuttal itself.
8 Philadelphia Water Department rebuttal
9 testimony outline. And this will be PWD
10 exhibit --

11 MR. DASENT: One.

12 MR. DASENT: Hearing Exhibit-1.

13 MS. BROCKWAY: Okay. So let's keep
14 the errata next to it. So that will be PWD
15 hearing Exhibit-2. I would like to separately
16 mark the page that appears in the outline but
17 which we have been discussing called Public
18 Advocate LKM cash flow table C-1 versus
19 schedule LKM-1. And I would like to mark that
20 as PWD hearing Exhibit-3. Are we up to three?

21 MR. DASENT: Yes.

22 MS. BROCKWAY: Thank you very much.

23 MR. DASENT: We're missing one
24 attachment though to the rebuttal outline, and

1 that was the summary of data responses and the
2 responses we provided. If you will mark that,
3 certainly it will be comprehensive and
4 including everything.

5 MS. BROCKWAY: Okay. I don't have
6 a piece of paper with that but --

7 MR. POPOWSKY: It's attached to the
8 rebuttal outline?

9 MR. DASENT: Yes. It's the second
10 table.

11 MS. BROCKWAY: We'll go off the
12 record.

13 (Discussion held off the record.)

14 MS. BROCKWAY: Thank you very much.

15 MR. DASENT: Moving to section
16 three of our outline. Assuming the
17 implementation of Mr. Morgan's recommendations,
18 what is the impact of eliminating all
19 additional O&M costs, Ms. LaBuda?

20 MS. LABUDA: Mr. Morgan's
21 recommendations remove nondiscretionary items
22 from the Department's expenses, and that is
23 problematic as we have a legal agreement with
24 the general fund that binds us to reimburse to

1 the SugarHouse Casino. We have legal
2 agreements with DEP and EPA requiring us to
3 meet our consent order and agreement. We have
4 maintenance at our facilities which we must
5 complete. We have to add additional chemicals
6 for certain treatment processes in order to
7 meet our requirements and certain regulatory
8 mandates. So holistically, he puts the
9 Department in a situation of not meeting its
10 financial obligations, but also not meeting its
11 required legal arrangements.

12 MS. BROCKWAY: And we're talking
13 here PWD hearing Exhibit-1?

14 MR. DASENT: Yes.

15 MS. BROCKWAY: Okay. Did I mark on
16 the record all the other exhibits?

17 MR. DASENT: Yes, I believe you
18 did.

19 MS. BROCKWAY: Okay. Thanks.

20 MR. DASENT: Mr. Jagt, Mr. Morgan
21 also adjusts spend factors and escalation
22 factors. Do you agree with those adjustments?

23 MR. JAGT: Well, no. As we
24 reviewed yesterday, we do not agree with the

1 adjustments to the spend factors. The
2 adjusting actual budget factors, as proposed,
3 run the risk of estimating O&M costs that is
4 that the Water Department expects to occur.
5 Second, we do not agree with the adjustments
6 done to the escalation factors, except the one
7 for the electric cost. As agreed yesterday,
8 there will be no escalation of the FY 2018
9 electric cost. Adjusting the escalation
10 factors on all the other O&M costs as proposed
11 by the Public Advocate, risk underestimating
12 the revenue requirements of the Department.

13 MR. DASENT: Thank you. Mr. Morgan
14 also makes revenue adjustments, Mr. Jagt, usage
15 factor, billing factor adjustments. Do you
16 agree with those adjustments?

17 MR. JAGT: No. Again, reviewed
18 yesterday, we do not agree with the adjustments
19 done to the projection of the average volume
20 per account. As discussed yesterday, the
21 short-term usage per account shows significant
22 year-to-year variability. And given such
23 variability, we believe it's prudent to project
24 revenues over the longer five-year average,

1 which is the zero point -- or the 1.5 percent.
2 And as an example of this, to illustrate the
3 impact of it, it's important to note that the
4 1.5 percent decline, as we proposed in the
5 model, reflects a 0.6 decrease in the overall
6 system projected volume. That projected --
7 that type of reduction, 0.6 on a system basis,
8 is consistent to what other utilities are
9 seeing nationwide. However, if we use the .05
10 percent as reflected in the Public Advocate's
11 proposed projection, the system-wide reduction
12 reflects a 0.005 percent reduction in system
13 volume, which is quite far below the industry
14 average that we're seeing.

15 MR. DASENT: Thank you. Mr. Morgan
16 also states there's no basis for increased
17 issuance costs. Do you agree with that, Ms.
18 LaBuda?

19 MS. LABUDA: I do not. The
20 municipal market since the financial crisis has
21 faced higher regulatory mandates under the
22 Dodd-Frank Wall Street Reform Act and the
23 Consumer Protection Act. In both of these
24 mandates, we saw an increase requirement in

1 disclosure. So not only does the City have
2 disclosure council, we also have our own
3 disclosure. Adding to that is a higher
4 regulatory environment where we see the SEC,
5 the Securities and Exchange Commission, paying
6 much more attention to the municipal market and
7 requiring us to amend our disclosures to more
8 stringent standards. So all indications point
9 to rising costs of issuance, not declining.

10 Kathy.

11 MS. CLUPPER: I agree. I think the
12 other thing to remember is that the cost of
13 issue is amortized over the life of the bond
14 issue, so it's not a significant -- it's not a
15 significant expense on an annual basis because
16 it's amortized over the life of the bond issue.

17 MR. DASENT: Moving to section four
18 of our outline. Mr. Morgan assumes there has
19 been no change since the last proceeding in the
20 source of information PWD used to determine
21 projected pension expenses and obligations. Is
22 he correct, Ms. LaBuda?

23 MS. LABUDA: He is not. As I
24 repeated both yesterday and today, the

1 Department has reviewed its historical
2 projections and aligned its projections for
3 this proceeding with the City's five-year plan,
4 which is the State-approved plan.

5 MR. DASENT: Thank you. Mr. Morgan
6 is also critical of debt service coverage
7 analysis and peer data used by PWD in the rate
8 filing. This is at page 42.

9 Are his criticisms substantiated,
10 Ms. Clupper?

11 MS. CLUPPER: No, they are not.
12 First the Board is required, as I mentioned
13 before, to consider peer data in their
14 deliberations. Peer data is available from the
15 rating agencies. There's a lot of
16 documentation -- there are quantitative
17 organizations. They do quantitative work to
18 come up with their medians. Mr. Morgan made
19 the point that because the information is not
20 available that it shouldn't be used. It is
21 available. He also made the point that some of
22 the coverages higher than -- the higher median
23 coverages were driven by legal covenants.
24 They're typically not. Most covenants are

1 between 1.1 times and 1.2 times. That
2 information is available. You have to do some
3 digging going through different official
4 statements and looking through the legal
5 descriptions, but the medians that he cited,
6 the 1.8 times of median coverage are more
7 policy driven than legal driven. So it is
8 appropriate to review peer data and the
9 underlying information is available.

10 MR. DASENT: Thank you. Now, Mr.
11 Morgan ignores, in his analysis and
12 recommendations, Rate Stabilization Fund
13 utilization. Certainly in the schedules. Is
14 that the best outcome for customers, Ms.
15 LaBuda?

16 MS. LABUDA: It is not. The Rate
17 Stabilization Fund has provided the bridge for
18 the zero percent increase in '16. It's also
19 mitigated the rate increase in '17 and '18.

20 MR. BALLENGER: Can you speak up.

21 MS. LABUDA: Sure. Ignoring the
22 use of the Rate Stabilization Fund is
23 problematic, because we are using the Rate
24 Stabilization Fund in fiscal year '16 due to

1 zero percent rate increase and we're using it
2 in '17 and '18 to mitigate the level of
3 increases. So not looking at it properly is
4 problematic for customers.

5 MR. DASENT: Now, Mr. Morgan also
6 ignores the intended purpose of the Rate
7 Stabilization Fund. It doesn't actually speak
8 to it --

9 MS. BROCKWAY: Excuse me. I don't
10 think it would be proper for you to say he
11 ignores it, because that's a statement about
12 his state of mind. You might say he doesn't
13 use it or something.

14 MR. DASENT: Mr. Morgan's
15 statements concerning the Rate Stabilization
16 Fund and his testimony do not address the legal
17 parameters or constraints associated with the
18 Rate Stabilization Fund. Could you comment on
19 that? Do you agree with his approach, Ms.
20 Allen?

21 MS. ALLEN: I think it's important
22 to understand why the Rate Stabilization Fund
23 was established.

24 MS. BROCKWAY: You're going to have

1 to speak up.

2 MS. ALLEN: I think it's important
3 to understand why the Rate Stabilization Fund
4 was established and the purposes for which
5 primarily it's used. It was established to
6 create, you know, an operating reserve in order
7 to mitigate the need for a city to raise rates,
8 you know, in a precipitous way and to -- in
9 order to do rate smoothing for the benefit of
10 ratepayers.

11 MR. DASENT: Are there any limits
12 to its use?

13 MS. ALLEN: Yes. The ordinance --
14 there's not a lot about it in the ordinance
15 because you can't do very much with it. You
16 can -- moneys that are in the Rate
17 Stabilization Fund are really available for two
18 purposes. One, primarily, is to -- at fiscal
19 year-end, to make a transfer to the revenue
20 fund to the extent that that money is needed to
21 meet the revenue requirements in that fiscal
22 year. Secondly, you can make a temporary loan
23 from the Rate Stabilization Fund to the revenue
24 fund or to the construction fund. But that has

1 to be repaid when the purposes for which, you
2 know, that money existed in that originating
3 fund, restabilization fund, is needed again and
4 it's going to be needed by fiscal year-end.

5 MS. BROCKWAY: It's going to be
6 needed what?

7 MS. ALLEN: By fiscal year-end, if
8 not sooner. But certainly by fiscal year-end.

9 MR. DASENT: And also, Mr. Morgan's
10 schedule LKM-1, as revised, indicates debt
11 service coverage of 1.19x in fiscal '18. If
12 that is the case, would it be a covenant
13 default?

14 MS. ALLEN: Yes. There are rate
15 and insurance covenants that the City has
16 agreed to, and as to bondholders in terms of
17 the rate covenant, they're called in the
18 general ordinance. And then in its insurance
19 agreements with the bond insurer. I think we
20 have talked about these covenants before. But
21 with respect to the 1.19 coverage, the City has
22 covenanted that it will generate net revenues.
23 And net revenues are actual revenues collected
24 within a fiscal year, less expenses. Plus, in

1 connection with the rate covenant, any transfer
2 that comes from the Rate Stabilization Fund,
3 that amount has to be at least 1.2 times its
4 debt service requirements for that fiscal year.
5 So anything less than 1.2 would be a covenant
6 default.

7 MR. DASENT: How is compliance
8 determined?

9 MS. ALLEN: Well, there are a few
10 ways. We're looking at it -- the City or the
11 Water Department -- sorry, in the ordinance
12 it's called the City, so -- I know yesterday we
13 were trying to be very exact with our language.
14 The City has many requirements. Some of them
15 are prospective as well as retrospective in the
16 ordinance. Obviously the easiest way to test
17 it retrospectively is at fiscal year-end when
18 they know exactly how much net revenue was
19 generated in that year and they compare it to
20 the debt service requirements paid in that year
21 and they can see whether they met coverage.
22 However, the ordinance requires not just there
23 be retrospective testing. It requires at least
24 once a year, and more often if there's a

1 material change in circumstances under which
2 they're operating. It requires the City to
3 review rates and charges to ensure that the
4 City is going to be able to comply with its
5 covenants going forward.

6 Additionally, when the City is in
7 the process of enacting an ordinance for the
8 issuance of new debt, before it's enacted, the
9 City has to be able to demonstrate through a
10 feasibility report and engineering report both
11 the ordinance and the First Class City Revenue
12 Bond Act, which I don't know if that's been
13 introduced into evidence. I can do that.

14 MR. DASENT: No, but we can refer
15 to it.

16 MS. ALLEN: Requires that the City
17 be able to demonstrate that there will be net
18 revenue sufficient to cover debt service for
19 the debt service proposed to be incurred under
20 such an ordinance.

21 MR. DASENT: Just to get a little
22 more specific. What happens in the event of a
23 covenant default?

24 MS. ALLEN: Well, a couple things.

1 Under the ordinance, the fiscal agent that's
2 been appointed, in respect to the water bonds,
3 is required to notify bondholders within 30
4 days that there's been a covenant default.
5 Even more -- even faster though, the City,
6 through its -- let me back up. The City, in
7 connection with every bond issuance, has
8 entered into a continuing disclosure agreement.
9 When it comes into the market, it has an
10 initial disclosure, its official statement that
11 talks about that bond issue and talks about the
12 City and its credit, its ability to repay the
13 sources available for repayment. And the
14 covenant, it's made to bondholders. It also
15 includes, you know, the City's financial -- a
16 description of operations and financial
17 position at that time. And then it also
18 includes a copy of that engineering report that
19 has demonstrated that the City reasonably
20 believes that they'll be able to produce net
21 revenues in the future sufficient to repay that
22 debt service and all its debt service
23 obligations. So that disclosure is made at the
24 time bonds are sold.

1 But at the same time, the City
2 enters into a continuing disclosure agreement
3 for the benefit of bondholders that it will
4 continue to update that information annually.
5 And to the extent that there is a material
6 event that occurs at any time during the year,
7 it will disclose to the market that that has
8 occurred within ten days of its occurrence. A
9 covenant default is a material event that it
10 would have to disclose to the market within ten
11 days of its occurrence.

12 MR. DASENT: Are there any remedies
13 available to bondholders in the event of a
14 covenant default?

15 MS. ALLEN: Yes. If there's a
16 covenant default once they have notice of it,
17 25 percent -- has to be at least 25 percent of
18 the bondholders can request appointment of a
19 trustee and direct a trustee to sue the City to
20 require it to impose and collect rates and
21 charges.

22 MR. DASENT: Thank you, Ms. Allen.
23 Now, turning to our chief executive officer,
24 what are some of the consequences of Mr.

1 Morgan's recommendations that you see as the
2 utility CEO commissioner?

3 MS. MCCARTY: Can you hear me or do
4 I need to move up?

5 MS. BROCKWAY: Why don't you --

6 MS. MCCARTY: I'll come up.

7 MS. BROCKWAY: -- come up.

8 MS. MCCARTY: So not seeing the
9 rate increase gives me a lot of stress, more
10 than losing my voice actually. One of the
11 things is the assistance to our customers. Our
12 program is very important. If there's a water
13 main break and a person's property is flooded,
14 that provides -- gets the property whole again
15 by getting -- replacing their house heater,
16 particularly in the winter, as well as their
17 hot water heater, which folks like to take warm
18 showers no matter what time of year. And
19 that's something that is fairly unpredictable.
20 And though we do our best to maintain our
21 infrastructure, we don't necessarily have as
22 much control over it as we would like. And
23 it's very important, as part of customer
24 service, to have our customers made whole as

1 quickly as possible and at least be able to
2 live in their properties.

3 The other part of that of course is
4 the claims process, it's the indemnity fund.
5 We did discuss that yesterday. But that's to
6 recover the losses from damages related to
7 water main breaks, sewer cave-ins, things like
8 that. And again, we want to make sure our
9 customers are made whole. I should note that
10 most of the damages are related to the
11 residential population and the hot water
12 heaters and the house heaters for residential
13 properties. Commercial properties, that would
14 be -- typically is handled through the claims
15 process. They typically have, as commercial
16 owners, industrial, more wherewithal to their
17 business's back end order. Wherewithal to get
18 that business back in order.

19 Also, I'm very concerned about the
20 need to shut down capital. We lived through
21 that back in 2004. I was deputy back then.
22 Was not a pleasant time. And it took us a long
23 time to recover from not doing capital jobs.
24 Do not want to mislead you, we did have at

1 least one emergency project during that period
2 that we did have to use capital funds. But we
3 did not bid any new jobs for over six months.
4 And that really was a huge setback. Not
5 spending capital drives up your operating cost
6 because now we're trying to keep things
7 operating and maintained. We have regulatory
8 obligations day in and day out. We need to
9 meet the Safe Drinking Water Act, the Clean
10 Water Act, and all the other regulations that
11 we need to comply. So the compliance is huge.

12 One of the things is, without a
13 rate increase there's no cushion. Time and
14 again things come up over the fiscal year, even
15 where we have been fortunate to have the funds
16 to be able to address it. There was an
17 occurrence when we needed more activated carbon
18 at our drinking water plants. That chemical is
19 very expensive. And while we work very hard to
20 get good rates for our chemicals, had we not
21 had the ability, we were in jeopardy of
22 violating our disinfection by-products
23 regulation. So -- or limit. So without that
24 cushion, without a rate increase, we would not

1 have been able to comply.

2 Also note -- and we discussed
3 yesterday, the lead. The issue with lead in
4 service lines. That issue has come up since we
5 filed for rates. And the Department, again, is
6 having to address issues with lead service
7 lines. Now, we have been adding zinc
8 orthophosphate for years now and complying with
9 lead and copper rules. So there's not
10 necessarily a need for more chemicals there,
11 but now we are being asked to do more. And,
12 again, it's since the rate filing. Residential
13 properties, we will be offering them to be able
14 to replace their lead lines through our help
15 loan program. We're also looking at, through
16 capital, replacing the supply. So the pipe
17 between the curb stop, the footway and the
18 meter. That's not currently done. But it's
19 obvious that we need to do that. It makes
20 matters worse, basically, for our customers.
21 And again, that's the residential population.
22 That's the bulk of our customers. So I'm very
23 troubled if we don't see a rate increase.

24 MR. DASENT: Thank you, Ms.

1 McCarty. Now that we're about to start a new
2 fiscal year, 2017, is it really speculative,
3 Ms. LaBuda, to look into the next year to
4 figure out what we're going to do as a utility?

5 MS. LABUDA: It is not speculative.
6 In fact, the AWWA manual cites best practices
7 of looking to five-year planning period. The
8 City completes a five-year plan that is
9 approved by the state, and in fact, we will
10 start our internal review of fiscal '18 budget
11 in just a few months. It's not speculative at
12 all. It's part of best our planning efforts to
13 have a forward look on budgets and rates.

14 MR. DASENT: Thank you. That's all
15 we have on rebuttal. We tried to keep it
16 concise, but I think, you know, we covered the
17 major areas that are addressed in our outline.

18 MS. BROCKWAY: Go off the record.
19 (Discussion held off the record.)

20 MS. BROCKWAY: We're going to break
21 until 11:20. We're off the record.

22 (A break was taken.)

23 MS. BROCKWAY: We have cross of the
24 panel by Mr. Ballenger.

1 MR. BALLENGER: Yes. Thank you,
2 Madam Hearing Officer. I'm trying to get
3 organized, but I think unfortunately we may
4 skip around a little bit. I'd just like to
5 start with a basic question. The Panel
6 referred to the revised Black & Veatch model on
7 a number of occasions. Is that on the record
8 in this proceeding?

9 MR. DASENT: There's not --

10 MR. BALLENGER: I'm asking the
11 witness panel, please. Is the revised Black &
12 Veatch --

13 MR. DASENT: It's a legal question,
14 what's on the record or not.

15 MR. BALLENGER: Has it been
16 proffered as an exhibit in this case?

17 MR. DASENT: I don't believe it
18 has. And, in fact, we have -- we've, through
19 discovery, obtained the revised version of the
20 model that Mr. Morgan sponsors. But it has not
21 been entered as an exhibit.

22 MR. BALLENGER: Do you have a
23 citation to a discovery request asking for that
24 revised model?

1 MR. DASENT: We requested it and
2 received it, and I think it was an oral request
3 and it was properly honored and we appreciate
4 that.

5 MR. BALLENGER: As an
6 accommodation, that's correct. In other words,
7 when you refer to the revised Black & Veatch
8 model, you're referring to Mr. Morgan's
9 modifications to a number of assumptions in the
10 Black & Veatch model which we provided you by
11 electronic mail on or around March 30 --

12 MR. DASENT: Yes.

13 MR. BALLENGER: -- is that correct?

14 MR. DASENT: That's correct. And
15 just so the record is clear on this, if we
16 could, with Your Honor's indulgence, make a
17 transcript request for that model, we would
18 very much think it would be helpful to have a
19 record.

20 MR. BALLENGER: I believe that
21 would be a problem in the confidentiality
22 agreement that we have entered into that
23 pertains to that entire model.

24 MR. DASENT: We would ask for

1 confidential treatment of the revised version
2 of the model which all the parties to the
3 agreement have requested, and we can see the
4 various adjustments that Mr. Morgan has made,
5 subject to the confidentiality.

6 MS. BROCKWAY: Question. Do we
7 have in the record the Black & Veatch version?

8 MR. DASENT: It's not in the public
9 record because the confidentiality agreement
10 allowed us to see it in confidence without
11 inclusion of the record.

12 MS. BROCKWAY: It has not been
13 marked as an exhibit? It's not been included
14 or it is in the record as a confidential
15 record?

16 MR. DASENT: It's not in the
17 record, because once it's in the public record
18 it wouldn't be confidential anymore.

19 MS. BROCKWAY: Go off the record.

20 (Discussion held off the record.)

21 MS. BROCKWAY: Mr. Ballenger, can
22 you help us understand why the model itself has
23 to be on the record? Why we couldn't proceed
24 with your identifying issues in the model?

1 MR. BALLENGER: There is no -- I do
2 not believe there is any problem proceeding
3 without having the model on the record. That's
4 why I believe the transcript request should not
5 be made to have the model put on the record.

6 MR. DASENT: We would request the
7 work papers. That would be a compromise. As
8 opposed to the model itself. Black & Veatch
9 has its work papers in the record. Mr. Morgan
10 will have his, and then the Board can see that
11 there is a separate revised interpretation that
12 Mr. Morgan has presented separate from the
13 Black & Veatch presentation.

14 MR. BALLENGER: Mr. Morgan's work
15 papers were attached to his testimony and then
16 revised in errata. They're in the record,
17 LKM-1 through three. Those are the sum total
18 of his work papers.

19 MR. DASENT: Work papers is a
20 little more complicated than that. And Ms.
21 Kumar is explaining to me that it includes
22 every page in terms of the presentation. And
23 if they exist, just print them and provide them
24 for the Board. It will be in the record, and I

1 think it will help us in the decision
2 administratively and any other decision that
3 might follow.

4 MS. BROCKWAY: My tendency has been
5 to let stuff in, unless it's a real burden,
6 even if it may or may not -- does Mr. Morgan
7 have work papers that we're discussing that he
8 could submit?

9 MR. BALLENGER: My understanding
10 from Mr. Morgan is that he can print the model
11 and supply it for the record.

12 MS. BROCKWAY: Why don't you do
13 this, please. If you would print it, and then
14 if Mr. Ballenger and Mr. Dasent would confer to
15 make sure that what has been printed is not
16 confidential or is comparable to the work
17 papers that Ms. Kumar has been mentioning. I
18 think if -- I would say with respect to the
19 work papers, we were not asked for confidential
20 treatment. So if somebody could back calculate
21 or reengineer the model from them.
22 Unfortunately that's already there, so I'm not
23 going to give confidential treatment to these
24 work papers. But you guys confer to make sure

1 that you all have the same understanding of
2 what these documents are.

3 MR. DASENT: That's fair.

4 MR. BALLENGER: Fine.

5 MS. BROCKWAY: Okay. So we will
6 not have a transcript request -- well, no, we
7 do. We have a transcript request for the work
8 papers.

9 MR. DASENT: Number five.

10 MS. BROCKWAY: Yeah. So that that
11 will be transcript number five. These are the
12 work papers from Mr. Morgan's running of the
13 Black & Veatch model with his assumptions?

14 MR. DASENT: That's correct.

15 MR. BALLENGER: And pursuant to the
16 electronic exchange of information, we would
17 just propose creating a PDF of the work papers
18 from the model and submitting them to Mr.
19 Dasant to check and make sure there are no
20 problems with confidentiality. It would be
21 voluminous actual printing and Mr. --

22 MS. BROCKWAY: Oh, you're talking
23 about making a CD. Is that all right?

24 MR. DASENT: Yes.

1 MS. BROCKWAY: Fine.

2 MS. BROCKWAY: That will not be put
3 into the record, unless somebody comes later
4 and says better put this into the record.

5 MR. DASENT: Thank you.

6 MS. BROCKWAY: And then we'll talk
7 about whether or not the record needs -- thank
8 you very much.

9 MR. BALLENGER: Okay. So having
10 reviewed off of the record the revised -- what
11 you called the revised Black & Veatch model,
12 which were Mr. Morgan's modification to Black &
13 Veatch's model, am I correct that you
14 discovered an error in how he dealt with the
15 rate increase amounts that were embedded in the
16 model? Is that correct?

17 MS. KUMAR: That is correct. The
18 analysis in one table, table C-1, the revenue
19 increases were included and then in LKM-1,
20 which is another table in the same LKM model,
21 that increases were left out.

22 MR. BALLENGER: And as I understand
23 it, that -- I'll call it a data entry model, is
24 -- or data entry error, is really the source of

1 the majority of the issues you have identified
2 in table one, which I think we marked for the
3 record as a separate hearing exhibit, PWD
4 hearing Exhibit-3, is that correct?

5 MS. KUMAR: Between table C-1 and
6 LKM-1, that is correct. But there are other
7 inconsistencies in the cash flow itself. So
8 between these two tables, that statement is
9 correct. But there are other inconsistencies
10 even after the errata sheet was provided
11 yesterday.

12 MR. BALLENGER: We'll discuss
13 those. But just to be clear, the -- you have
14 talked about a number of issues surrounding the
15 fact that Mr. Morgan did not remove the rate
16 increase amount from the original model in
17 calculating his spreadsheet. Was that
18 corrected, that particular error? Was that
19 corrected in the errata that was submitted on
20 the record yesterday?

21 MS. KUMAR: It was corrected.

22 MR. BALLENGER: It was corrected.
23 And so to the extent you have identified
24 numerical inconsistencies with fund balances,

1 for example, those have now been corrected in
2 this record by way of an errata which we all
3 got yesterday.

4 MS. KUMAR: Line 34 -- specifically
5 line 34, which states the NW revenue fund
6 balance, that has been corrected.

7 MR. BALLENGER: What about line 40?

8 MS. KUMAR: That has been corrected
9 as well.

10 MR. BALLENGER: What about --
11 continue on. What about line 32, has that been
12 corrected?

13 MS. KUMAR: Just a second.

14 (Pause.)

15 MS. KUMAR: That has been
16 corrected.

17 MS. BROCKWAY: It has been?

18 MS. KUMAR: It has been.

19 MR. BALLENGER: Just
20 mathematically, are there any other line items
21 on the revised schedule LKM-1 which are
22 mathematically incorrect?

23 MS. KUMAR: Mathematically there
24 are no inaccuracies in LKM-1.

1 MR. BALLENGER: Thank you. Let's
2 talk about Rate Stabilization Fund a little
3 bit. In both versions of LKM-1, the original
4 and the revised, has Mr. Morgan made any change
5 to the amounts shown on line 19, transfer to
6 and from Rate Stabilization Fund?

7 MS. KUMAR: He has not.

8 MR. BALLENGER: And you would agree
9 that in terms of -- back up a little bit.
10 Isn't it true that the Department uses Rate
11 Stabilization Fund to manage to its desired
12 coverage levels?

13 MS. KUMAR: The Rate Stabilization
14 is used as part of the cash flow to achieve the
15 desired senior debt coverage.

16 MR. BALLENGER: And so under --
17 when I'm looking at LKM-1 as revised, fiscal
18 year 2017, amount per Public Advocate. And you
19 have drawn our attention to line 26 where Mr.
20 Morgan displays a coverage of 1.31.

21 Having received Mr. Morgan's
22 revised model, are you aware of whether that
23 coverage level was generated automatically by
24 the model or was that typed in by Mr. Morgan?

1 MR. JAGT: The coverage calculates
2 and presents automatically. It's subject to
3 the adjustments within the model for revenue
4 increases and transfers from the Rate
5 Stabilization Fund.

6 MS. KUMAR: And revenue
7 requirements.

8 MR. BALLENGER: Just looking at the
9 total senior debt service amount shown there of
10 207.7 million. Would you agree that one basis
11 point of debt service coverage is approximately
12 2.1 million mathematically?

13 MS. KUMAR: Subject to check, yes.

14 MR. BALLENGER: Subject to check.
15 Would you not also agree to obtain the required
16 -- the legally required 1.2 times coverage in
17 fiscal '17 utilizing Mr. Morgan's numbers here,
18 that no amount be necessary to transfer from
19 the Rate Stabilization Fund into the revenue
20 fund for coverage purposes? The 19.3 million
21 could be reduced to zero and the Department
22 would still meet its 1.2 times coverage
23 mathematically? 19.3 million is shown as a
24 transfer from Rate Stabilization --

1 MS. BROCKWAY: What line, please?

2 MR. BALLENGER: Line 19.

3 MS. BROCKWAY: Thank you.

4 MR. BALLENGER: That could be
5 reduced to zero and the Department would still
6 meet its coverage requirements.

7 MS. LABUDA: The Department
8 holistically disagrees with Mr. Morgan's
9 assessment that we can remove all of the
10 adjustments which are nondiscriminatory from
11 the model. That is part of this discussion.
12 So --

13 MR. BALLENGER: It's unresponsive
14 to the question. I'm asking simply, can the
15 19.3 be reduced to zero and the model still
16 calculate total senior debt service coverage on
17 line 26 in excess of 1.2?

18 MS. KUMAR: Subject to mathematical
19 check, from a mathematical standpoint, yes. If
20 the goal is to get to the 1.2 total senior debt
21 service coverage in line 26, then the rate
22 stabilization transfer will change from 19
23 million 300.

24 MR. BALLENGER: And it could be

1 zero?

2 MS. KUMAR: Subject to check, it
3 could be, but we have to do the math and check
4 it.

5 MR. BALLENGER: I would like to ask
6 a transfer request and report back whether
7 utilizing these numbers in reflecting the zero
8 dollar transfer from the Rate Stabilization
9 Fund to the revenue fund, whether the model
10 would in fact show 1.2 times or greater
11 coverage on line 26.

12 MS. BROCKWAY: This is the model
13 with all the other changes that Mr. Morgan has
14 --

15 MR. BALLENGER: No other changes.
16 Simply reducing the Rate Stabilization Fund
17 transfer to zero.

18 MS. BROCKWAY: This is the revised
19 Mr. Morgan model?

20 MR. BALLENGER: Correct.

21 MR. DASENT: We would object to
22 this. If this is a mathematical adjustment, as
23 they purport it to be, they could make that
24 calculation and present it as their testimony,

1 as opposed to our sponsoring somehow a
2 calculation that has nothing to do with the
3 policy positions the Department has taken, and
4 math is math. If he can do it, he would submit
5 it for the record as his exhibit.

6 MS. BROCKWAY: Actually, from a
7 point of view of making decisions, it's not
8 clear to me that it isn't already decided. It
9 seems pretty obvious. So do you think you need
10 more on the record as proof?

11 MR. BALLENGER: No. I think we can
12 take constructive notice of math, the fact that
13 it does, in fact, show what Mr. Morgan has
14 testified to.

15 MS. BROCKWAY: Yes. And I would --
16 on this point, I would say math is math. And I
17 appreciate the position of Black & Veatch not
18 to quibble about mathematics. That makes
19 things much easier. If you want to put a
20 mathematical -- not an algorithm, but if you
21 want to show mathematically how certain
22 equations then translate to others and produce
23 a certain result in your summaries, please feel
24 free. I don't think they should be opposed

1 just because you didn't do it on the record.

2 Might be opposed for some other reason.

3 MR. DASENT: Speaking of opposed
4 for some other reason. Based upon our records,
5 we will indicate in our position paper our
6 policy position which would dictate not the
7 math would govern, but the policy behind the
8 calculation. It's very important, in fact
9 pivotal to the decision of the Rate
10 Stabilization Fund or any other entry in our
11 flow of funds.

12 MS. BROCKWAY: Yes, I think that
13 your witnesses have testified to that this
14 morning.

15 MR. BALLENGER: Thank you. Okay.
16 Assuming that no transfer from the Rate
17 Stabilization Fund remained to the revenue fund
18 in fiscal year 2017, would line 44, the end of
19 your balance, be increased by the amount shown
20 on line 19, 19.3 million.

21 MS. KUMAR: Just for clarification,
22 what are you proposing on line 19?

23 MR. BALLENGER: So if 19 is zero,
24 the 19.3 million would not have been

1 transferred from the Rate Stabilization Fund,
2 and wouldn't the year-end balance on line 44 of
3 the Rate Stabilization Fund be increased by
4 19.3 million?

5 MS. KUMAR: Mathematically, yes.

6 MR. BALLENGER: And then again, on
7 line 42 under fiscal year 2018, amount per
8 Public Advocate, where it purports the
9 beginning of your balance in the Rate
10 Stabilization Fund, that would also be
11 increased by 19.3 million, would it not?

12 MS. KUMAR: Mathematically, yes.

13 MR. BALLENGER: So I think we have
14 established that for purposes of fiscal year
15 2017, the coverage amount of 1.31 times total
16 senior debt service, that was generated
17 automatically by the Black & Veatch model, is
18 that correct?

19 MS. KUMAR: The 1.31 gets
20 calculated in the model subject to the fact
21 that it is 19.3 million in line 19.

22 MR. BALLENGER: Is the same true
23 for the coverage for fiscal 2018, a 1.19 times
24 coverage?

1 MS. KUMAR: The 1.19 coverage gets
2 calculated based on the fact that revenue --
3 revenues were increased in line -- the total
4 revenue in line 14, the operating expenses
5 adjustments that were done by Mr. Morgan,
6 leaving the 39 million Rate Stabilization Fund
7 transfer that Black & Veatch proposed, not
8 Black & Veatch model, based on all of those and
9 then the debt service, all of these line items
10 above it, all of that mathematically translate
11 to the 1.19.

12 MR. BALLENGER: Okay. And for
13 fiscal year 2018, you showed total senior debt
14 service, and this is from the original model,
15 as -- I'm sorry, it is slightly revised, but
16 it's roughly 22.3 -- I'm sorry, 223 million
17 dollars on line 25. Is that correct?

18 MS. KUMAR: If you're referring to
19 the total senior debt service on line 45, yes,
20 in the Black & Veatch model it is 223 million
21 661 for fiscal year 2018.

22 MR. BALLENGER: Mathematically, in
23 order to calculate what one basis point of
24 coverage is, one would simply move the decimal

1 over. So that would -- one basis point would
2 equate to, correct my math, but 2.23 million in
3 coverage, is that correct?

4 MS. KUMAR: If you're asking about
5 taking the 223 million dollar 61 and adjusting
6 it --

7 MR. BALLENGER: How much would one
8 need to reflect a one basis point increase in
9 total senior debt service coverage on line 26?

10 MS. KUMAR: We can calculate and
11 let you know that.

12 MR. BALLENGER: For purposes of
13 cross-examination, would you not agree that to
14 the extent it was necessary to transfer more
15 money from the Rate Stabilization Fund to meet
16 legally-required coverage in fiscal year 2018,
17 there would be sufficient funds under Mr.
18 Morgan's model to do so?

19 MS. LABUDA: It depends on if you
20 have eliminated nondiscretionary expenses. So
21 I think it depends. If we layer in the
22 nondiscretionary such as legal binding
23 agreements with the general fund, I don't
24 believe that that would be the mathematical

1 result.

2 MS. BROCKWAY: Let's make clear
3 that for now we're talking about Mr. Morgan's
4 revised exhibit, and we take very well the
5 point that Ms. LaBuda has just made and Mr.
6 Dasent has made, that this does not reflect
7 other issues that the Department must pay
8 attention to. So we're just pretending for the
9 moment that that's not a problem. So I want to
10 go back though to the 1.19 issue and the 223
11 million issue.

12 To first order, could you move the
13 decimal point in the 22.3 million and figure
14 out how much would be needed to go from 1.19 to
15 1.2? I'm seeing heads nodding, but
16 conversations --

17 MS. KUMAR: We need to understand
18 what is being requested. So do we want to know
19 what 223 million 661 would be if the coverage
20 is supposed to be 1.2?

21 MS. BROCKWAY: That's a way of
22 putting it. But more it's a question of what
23 is the difference between the -- how much would
24 you get in coverage for 2.23 million more

1 available for coverage? Would you get a basis
2 point?

3 MS. KUMAR: So you're saying what
4 would that 1.26 be if we add or if you take off
5 one basis point?

6 MS. BROCKWAY: No. I think Ms.
7 Clupper understands my question.

8 MS. CLUPPER: I think the point is
9 you would transfer more to the Rate
10 Stabilization Fund to comply with the 1.2
11 coverage.

12 MR. BALLENGER: 2.23 million.

13 MS. CLUPPER: That's all math,
14 right? It's just math.

15 MR. BALLENGER: So to get to 1.2,
16 you would need to take 2.23 million from the
17 Rate Stabilization Fund. And under Mr.
18 Morgan's presentation here, are there adequate
19 funds in the Rate Stabilization Fund to
20 transfer 2.23 million to the revenue fund for
21 that purpose?

22 MS. KUMAR: There is not.

23 MR. BALLENGER: I'm sorry?

24 MS. KUMAR: There is not.

1 MR. BALLENGER: There are not
2 adequate funds available in the Rate
3 Stabilization Fund under Mr. Morgan's
4 presentation to move 2.23 million?

5 MS. KUMAR: Again, this question is
6 difficult to answer -- this question really
7 impinges on policy. So the adequacy of whether
8 a Rate Stabilization Fund has adequate money at
9 the end of the year, fiscal year '18, is driven
10 by what policies we are trying to meet. So the
11 policy -- the policy is to meet -- the goal is
12 to meet 110 million dollars in the Rate
13 Stabilization Fund. As you can see in column
14 fiscal year '18, line 44, it shows a 111
15 million dollars, which is what was the goal for
16 fiscal year '18. So --

17 MR. BALLENGER: As we just
18 discussed, if no transfers were made on the
19 Rate Stabilization Fund to the revenue funds,
20 that number would be approximately 19.3 million
21 dollars higher?

22 MS. KUMAR: Which fiscal year are
23 you asking?

24 MR. BALLENGER: From fiscal '17, we

1 discussed the fact that no transfer from the
2 Rate Stabilization Fund to the revenue fund
3 would be required to meet the legally-required
4 senior debt service coverage. Do you recall
5 that discussion?

6 MS. KUMAR: Mathematically the 19.3
7 million is not done in '17, and therefore, the
8 '17 year-end in line 44 goes up, and that then
9 gets translated into fiscal year '18 as a
10 beginning balance, then yes.

11 MR. BALLENGER: Yes.

12 MS. KUMAR: But this is all
13 mathematical, not policy driven.

14 MR. BALLENGER: That's correct.
15 And I think we have talked a lot about math.
16 We spent a lot of time focusing on your
17 response to these numbers. So now it's our
18 turn to talk about that response.

19 MS. BROCKWAY: Before we go
20 further. At one point you said something could
21 be supplied. Do we need a transcript request
22 or are we -- have we covered what we need to
23 cover? One of them was on the question of the
24 1.19, 1.2. We covered that.

1 MR. BALLENGER: I think we covered
2 that. I think we also covered the fact that,
3 again, if we determine that we're going to
4 target 1.2 times coverage, that no transfer is
5 necessary from the Rate Stabilization Fund --

6 MS. BROCKWAY: You know, you're
7 fading out.

8 MR. BALLENGER: Sorry. I think we
9 have also determined that mathematically
10 there's no requirement in fiscal '17 to
11 transfer 19.3 million under Mr. Morgan's
12 presentations when revised --

13 MS. BROCKWAY: No. Yes, Mr.
14 Ballenger, we're going over and over and over
15 the same ground. Let's go up.

16 MR. BALLENGER: I don't think
17 there's anything to supply there.

18 MS. BROCKWAY: Okay. Great.

19 MR. BALLENGER: Mr. Jagt, you
20 talked about running the risk of
21 underperforming. And I'd like to turn back to
22 Public Advocate hearing Exhibit-1, if I may.
23 I'm going to find the page as soon as possible.

24 MS. BROCKWAY: Go off the record.

1 (Discussion held off the record.)

2 MS. BROCKWAY: We're back on the
3 record.

4 MR. BALLENGER: Thank you. So I'm
5 on page 14 of Public Advocate hearing
6 Exhibit-1. And I'd like to ask you, Mr. Jagt,
7 on line 11 under the column -- the four columns
8 for 2012, 2013, 2014 and 2015, those report
9 amounts under the heading of difference. What
10 do those amounts consist of? Are those amounts
11 revenues in excess of the Department's
12 projections?

13 MR. JAGT: That's correct.

14 MR. BALLENGER: In any of those
15 four years, did the Department underperform on
16 its revenues?

17 MR. JAGT: Fortunately, no.

18 MS. BROCKWAY: Say again?

19 MR. JAGT: No.

20 MR. BALLENGER: Okay. I'd like to
21 now direct your attention to line 21. And
22 again, under those same four column headings
23 for total operating expense, am I correct,
24 again, that in each of those cases, the

1 Department did not underperform its
2 projections?

3 MR. JAGT: With the projection
4 basis we were using back in the FY 13 analysis
5 or the -- the analysis we used for the 2013
6 rate case, that's correct.

7 MR. BALLENGER: Okay. Thank you.

8 MS. LABUDA: And as we mentioned,
9 the Department has materially changed its
10 projection methodology, relying on the
11 five-year plan in the areas of pension, health
12 care and fringes. So we do not anticipate, nor
13 expect, that performance, especially given the
14 cited pension fund underperformance last year,
15 to continue in the future.

16 MR. BALLENGER: Let me ask about
17 the five-year plan a little bit. What do you
18 say when -- you say that you have aligned with
19 the five-year plan. You used the word align.
20 I'm not sure what you mean.

21 MS. LABUDA: So the City provided
22 to the Department and the Department provided
23 to B&V specific amounts related to the minimum
24 municipal obligation for the Department's

1 required contribution to the pension fund based
2 on results on fiscal year '15. It also
3 provided our proportionate share of pension
4 obligation block. Both those percentages
5 reflect a prior fiscal year. So not only does
6 it capture the pension performance for fiscal
7 year '15, nor does it capture that we have
8 hired more employees than were on the record as
9 of the close of books. So there's two
10 adjustments to those pension projections we're
11 anticipating. One, an adjustment to capture
12 the investment performance of fiscal year '15,
13 and two, a second incremental adjustment higher
14 allocating our greater share of the pension
15 fund unfunded liability due to the fact that we
16 now have more employees than we did when the
17 last calculation was done.

18 MR. BALLENGER: Okay.

19 MS. LABUDA: So that is --

20 MR. BALLENGER: You have a line --

21 MS. LABUDA: That is an alignment.

22 We have utilized those projections. If you
23 don't like the word alignment, we have utilized
24 the City's projection for MMO pension

1 obligation.

2 MR. BALLENGER: And those are
3 projections in your fiscal '17 budget, is that
4 correct?

5 MS. LABUDA: Yes.

6 MR. BALLENGER: Okay. And were
7 those projections used in your fiscal '16
8 budget?

9 MS. LABUDA: The Water Department's
10 fiscal '16 budget, yes. But they were not used
11 in B&Vs projections of fiscal year '16 when
12 they completed the analysis on the prior rate
13 case. Because, in fact, if you look at B&V's
14 projections of fiscal year '16 to date they
15 have in fact captured those new pension costs
16 as of last fiscal year and you're showing a
17 36.9 million dollar -- I'm going to fact check
18 that -- but we're showing a pretty significant
19 withdraw of the RSF based on some recent
20 projection changes.

21 MR. BALLENGER: You're showing a
22 withdraw, by that you mean you're anticipating
23 a withdraw?

24 MS. LABUDA: Anticipating. We're

1 mathematically demonstrating a withdraw from
2 the RSF to meet all of our obligations.

3 MR. BALLENGER: That math is based
4 on the assumption that you will make that
5 withdraw, is that correct?

6 MS. LABUDA: I don't understand the
7 question.

8 MR. BALLENGER: Have you made that
9 withdraw?

10 MS. LABUDA: At the end of the year
11 we will make an assessment and establish what
12 the withdraw is.

13 MR. BALLENGER: It may or may not
14 be that number.

15 MS. LABUDA: It may or may not be
16 that number.

17 MR. BALLENGER: The same would be
18 true in fiscal '17 and fiscal '18?

19 MS. LABUDA: Correct.

20 MR. BALLENGER: So the numbers
21 shown in the model -- and, again, we refer to
22 Mr. Morgan's LKM-1, which includes the same
23 withdraw amounts on line 19 as are included in
24 the Black & Veatch model, 19.3 million, 39

1 million, either of those amounts could change
2 in the future?

3 MS. LABUDA: I expect them to be
4 higher. And Mr. Morgan's model does not
5 include the required additional expenses the
6 Department faces. So my sense -- and my sense
7 doesn't mean much because it's -- I don't have
8 the numbers yet, but in October I will have the
9 new pension numbers and they will be higher.

10 MR. BALLENGER: But you don't have
11 them yet.

12 MS. LABUDA: I do not.

13 MR. BALLENGER: I'd like to revisit
14 just for one or two questions, I think. The
15 usage reduction for the 5/8" meter class, the
16 growth rate that we have talked about. I just
17 want to be clear. Maybe I misheard. But the
18 loss of Bucks County Water as a wholesale
19 customer, does that in any way affect a 5/8"
20 meter growth rate?

21 MS. LABUDA: No.

22 MR. BALLENGER: And Mr. Jagt, you
23 stated that the growth rate that the Department
24 is projecting is consistent with other

1 utilities, is that correct?

2 MR. JAGT: Correct.

3 MR. BALLENGER: Is there any --

4 MS. KUMAR: Correction. The
5 decline in usage seen system wide at 0.6
6 percent, based on the Black & Veatch model, is
7 congruent with what we are seeing in the
8 industry.

9 MR. BALLENGER: Is there anything
10 on the record as to what you are seeing for
11 other utilities and their decline in volume?

12 MS. KUMAR: Specifically suggesting
13 industry statistical data in the testimony,
14 it's not there in the testimony.

15 MR. BALLENGER: And when you say
16 that's consistent with other utilities, are you
17 saying that that's consistent with other
18 utility projections?

19 MS. KUMAR: We are saying that's
20 the kind of decline we're seeing in the
21 industry. We're not picking any specific one
22 utility or looking at how that one utility is
23 affected. We're saying this is a trend. A
24 decline in consumption system wide is something

1 that we are seeing in the industry.

2 MR. BALLENGER: Are you aware of
3 any other utilities making a projection for
4 fiscal year 2017 and 2018 of the decline of 0.6
5 percent system wide?

6 MS. KUMAR: If you're asking about
7 the specific 0.6 percent?

8 MR. BALLENGER: Yes.

9 MS. KUMAR: No, not the exact six
10 percent. But if you're asking in other
11 utilities where projections are done for '17, a
12 decline in consumption is seen, it depends on
13 the circumstance of that utility. In some
14 utilities it will go down and some utilities
15 there's significant growth, it will go up.

16 MR. BALLENGER: So if you refer to
17 an industry average, that would be an average
18 of decreases on the one hand and increases on
19 the other?

20 MS. KUMAR: The national decline is
21 the average of the increases and decreases.

22 MS. BROCKWAY: Does the national
23 average include areas that have been
24 experiencing drought?

1 MS. KUMAR: Again, you're not
2 citing the specific number as the national
3 average. I just want to be clear on the
4 record.

5 MS. BROCKWAY: No. No. You have
6 been quite clear. We don't need to talk about
7 that again.

8 MS. KUMAR: Yes. When we talk
9 nationally, there are differences from region
10 to region. And so, it's all kinds. It's all
11 over the country. But the general trend that
12 we are seeing in the nation is a decline in
13 consumption and you may want to add something
14 to it.

15 MS. BROCKWAY: Would it also
16 include areas where there is a booming
17 population?

18 MS. BUI: It includes everything.
19 But the national trend, even if you look at
20 just East Coast, for example, or the
21 drought-impacted states, is that there is a
22 decline in consumption on a per capita basis,
23 on a per account basis, and that has been a
24 trend that has been published in newspapers, as

1 well as scientific journals, for example, the
2 journal of AWWA. And it has been a trend that
3 has been discussed for a number of years for a
4 variety of reasons, you know, whether it's a
5 population migration out of -- into the
6 suburbs, or whatever the case may be. You
7 know, energy efficient type devices. But that
8 is a national trend. Of course on the west
9 where we have no water, it is a much higher
10 decline.

11 MS. BROCKWAY: And over what period
12 of time are you looking at these national
13 averages?

14 MS. BUI: Black & Veatch, I myself
15 --

16 MS. BROCKWAY: Excuse me. I mean
17 the 0.6 percent, does that reflect a certain
18 year? Does it reflect a certain number of
19 years? Does it reflect a projection as Mr.
20 Ballenger was asking?

21 MS. BUI: It's not a projection.
22 It's based upon actuals that the people are
23 reporting, utilities are reporting as seen.
24 That is not a projection.

1 MS. BROCKWAY: It's not based on
2 one year though, it's based on --

3 MS. BUI: No. It's several years
4 looking at it, the decline.

5 MS. BROCKWAY: Thank you.

6 MS. BUI: You're welcome.

7 MR. BALLENGER: So you spent a
8 little bit of time on bondholder remedies, and
9 I believe, Ms. Allen, you have provided us some
10 information on that. Just so I'm clear, as
11 long as the legally-required debt service
12 coverage standards are met, none of those scary
13 things will happen, correct?

14 MS. ALLEN: As long as coverage is
15 met, as long as when -- as long as the -- as
16 long as the City, when it is reevaluating
17 future coverage, when it is going to issue
18 bonds, looking at whether net revenues are
19 going to be able to be -- yes, as long as
20 coverage is met when they test it, as long as
21 the City is meeting its covenant to reevaluate
22 rates and charges to ensure that it will be
23 able to -- that it will enable itself to
24 continue to comply, if those obligations are

1 met, yes, there's no covenant default.

2 MR. BALLENGER: We spent some time
3 on the 1.2 coverage test in Mr. Morgan's
4 schedule. We didn't spend any time on the
5 point nine coverage test. I'm assuming that's
6 because you would agree that that coverage test
7 is satisfied using Mr. Morgan's numbers here?

8 MS. ALLEN: That question wasn't
9 posed to me.

10 MS. BROCKWAY: Say again?

11 MS. ALLEN: That question wasn't
12 posed to me. The test is that if the City
13 generates in a fiscal year net revenues, that's
14 cash in the door, and it does not include any
15 transfer from the Rate Stabilization Fund, and
16 that amount collected in a fiscal year is at
17 least 90 percent of its debt service
18 requirements in that fiscal year, then the test
19 is met.

20 MR. BALLENGER: And that test is
21 met in Mr. Morgan's projections here, is that
22 correct?

23 MS. ALLEN: Point me to the --

24 MR. BALLENGER: It would be line 29

1 of LKM-1, which shows for fiscal year 2017
2 coverage of 1.18 and for fiscal year 2018 1.08.

3 MS. LABUDA: I'm not sure --

4 MS. ALLEN: There's a transfer --
5 that calculation wasn't made here.

6 MR. BALLENGER: Are we able to
7 determine based on the net revenues being --
8 well, I think we can, again, take notice of
9 math, that the point nine percent is satisfied.
10 You didn't raise it, so I'll assume that you
11 acknowledge that coverage test is met.

12 MS. ALLEN: That question wasn't
13 asked to me. I'm not acknowledging anything.

14 MR. BALLENGER: No one on rebuttal
15 raised it. You talked about --

16 MS. BROCKWAY: This is all argument
17 that can go into summations.

18 MR. BALLENGER: That's fine. A
19 couple more questions here. If I may just
20 confer with my witness for one moment, please.

21 (Pause.)

22 MR. BALLENGER: I'm sorry. I'm
23 ready.

24 MS. BROCKWAY: Please go ahead.

1 MR. BALLENGER: So we've spent a
2 little time already talking about the City's
3 five-year plan. To the knowledge of the
4 witnesses, has the City's five-year plan ever
5 been cited as an industry best practice for
6 rate making?

7 MS. CLUPPER: I can speak to that
8 as financial advisor for the City. Five-year
9 plan is an absolutely a positive. The whole
10 process of having an independent authority
11 review the City budget, the process of having
12 to submit the five-year plan, the process of
13 having quarterly managing reports published
14 publicly is all cited as a credit positive.
15 All rating agencies look at an issuer's
16 policies and ability to plan long range out to
17 five years. So there's no question.

18 MR. BALLENGER: That's helpful.
19 But I was asking whether it's ever been cited
20 as an industry best practice for utility rate
21 making, not for ratings, for utility rate
22 making.

23 MS. CLUPPER: It is a best
24 practice.

1 MR. BALLENGER: For establishing
2 utility rates?

3 MS. CLUPPER: Are you asking the
4 question, has the rating agency specifically --

5 MR. BALLENGER: I'm not asking
6 about the rating agencies at all. I'm talking
7 about industry rate-making practices and
8 whether or not the City's five-year plan has
9 ever been cited as an industry best practice
10 for establishing rates and charges.

11 MS. BUI: AWWA is one manual which
12 is like the bible.

13 MS. BROCKWAY: Louder.

14 MS. BUI: AWWA's M1 manual, which
15 is the bible within rate-making world and
16 provides all the guidelines of things, does
17 cite five-year planning -- financial plans as
18 being the best management practice. Does it
19 call out specific utilities practices? No.
20 Because I sit as one of the editors on that
21 manual and we try not to do that. In addition,
22 if you look at other AWWA published books, for
23 example the Financial Management for Water
24 Utilities, it also cites that as a best

1 management practice for the financial world to
2 use for rate making.

3 MR. BALLENGER: And I think we
4 would like to ask a transcript request that the
5 manual be placed on the record.

6 MS. BUI: The entire manual?

7 MS. BROCKWAY: Go off the record.

8 (Discussion held off the record.)

9 MS. BROCKWAY: Back on the record.

10 MR. BALLENGER: And the City's
11 five-year plan, that's -- just circling back a
12 little. That has to do with a lot of different
13 departments in the City, correct, not just the
14 Water Department?

15 MS. BUI: Correct.

16 MR. BALLENGER: So the City's
17 five-year plan comprises a lot of factors which
18 -- or includes within it a lot of calculations,
19 I assume, and estimates for the future that
20 have nothing to do with the Water Department?

21 MS. BUI: I can't speak to that.

22 MS. LABUDA: What's interesting is
23 that you're raising a unique point, is that
24 we're one tax I.D. with the City of

1 Philadelphia. We're the City of Philadelphia.
2 We're a department of the City, and so when you
3 talk about the cost of our lease, it's a
4 City-wide approach. So the lease assumption
5 using the five-year plan directly correlates
6 with our lease cost. When you speak about
7 fleet management costs, we have one fleet
8 management department. So the cost for fleet
9 management directly correlate to our costs,
10 except that where we may have higher expenses
11 related to the number of vehicles we have.
12 When you cite to the cost of procurement, we
13 use City-wide procurement roles so the cost of
14 City-wide procurement directly relate. We have
15 one pension system. We're all paying into
16 pension system so the cost of pensions, health
17 care, other fringes and salaries, all directly
18 correlate to the City of Philadelphia. I am
19 sure I am missing a few areas where, you know,
20 debt services based on the Water Department's
21 credit rating versus the City's general
22 obligation bond rating. So that would be an
23 area where our costs might differ.

24 MR. BALLENGER: And does the

1 five-year plan -- well, strike that.

2 MR. DASENT: Did you finish your
3 response?

4 MS. LABUDA: I believe I'm missing
5 a few areas that also correlate, but I just
6 don't have the plan within reach, so I
7 apologize for the areas that I missed.

8 MR. BALLENGER: Quite all right.
9 It's a helpful overview.

10 What is the consequence to the
11 Department of the projections in the five-year
12 plan being slightly inaccurate or even grossly
13 inaccurate? Is the Department placed in breach
14 of any covenants if the five-year plan is
15 inaccurate?

16 MS. LABUDA: The key is that the
17 Department must maintain its Rate Stabilization
18 Fund balance to make sure it has its minimum
19 balance to ensure that it has ample capacity to
20 cover unforeseen expenses. And those
21 unforeseen expenses can relate to higher cost
22 in pension, salaries, fringes, or the fact that
23 we need more chemicals to ensure we're meeting
24 water quality standards. So the key to our

1 financial civility is maintaining the minimum
2 balance.

3 MR. BALLENGER: I want to ask one
4 question. Ms. Clupper, when I heard you
5 talking about Mr. Morgan's testimony concerning
6 the hearing date, I thought I heard you --
7 perhaps you were paraphrasing Mr. Morgan say
8 that he said the information is not available?
9 Do you recall what you said?

10 MS. CLUPPER: So you're asking me
11 to comment on that comment?

12 MR. BALLENGER: I heard you say it
13 so I wrote down the words quoting you as saying
14 information is not available and Mr. Morgan
15 said information is not available. I don't see
16 that in his testimony.

17 MS. CLUPPER: So his -- and I
18 apologize if I misspoke, but just to be clear,
19 the question that he -- that he responded to
20 was do you agree with the Department's proposed
21 change in the debt service coverage. He
22 discusses the Department's proposal to increase
23 debt service coverage to 1.2 to 1.35 times,
24 supposedly supported by a comparative sector

1 summary produced by rating agencies. That's
2 not entirely correct, but I'll get to that in a
3 minute. The summaries are essentially general
4 medians of various factors. They do not
5 provide any details of entities that are
6 included and derive in the medians. Summaries
7 don't -- the information -- the information --
8 the summary is a median. The information is
9 available. You can see what's in the median.
10 He's making the point that it's inappropriate
11 to establish policy based on summary data.

12 He further makes the point that it
13 is possible, for whatever reason, that most of
14 the utilities that make up the median have bond
15 covenants that require those utilities to
16 maintain higher debt service coverage. The
17 point that I'm making is that critical
18 information is unknown with regards to the
19 published summary, and it would be
20 inappropriate to authorize policies based on
21 such lack of information. My rebuttal, my
22 comment is that that information is available.
23 It takes some digging and it takes some
24 subscription to certain, you know, rating

1 agencies. The rating agencies are -- I mean,
2 they're not small organizations. They're huge
3 organizations that have a lot of database,
4 they're qualitatively driven and they don't
5 publish medians lightly. There are information
6 that's underneath those summaries. So I don't
7 think that it's accurate to say that critical
8 information is unknown. I also don't think
9 it's accurate to make the -- to assume that the
10 median, for instance, of Boodie (ph.) of 1.81
11 is legally driven. It's not typical. Most
12 legal covenants are the 1.1, 1.2 times range,
13 in my experience anyway. And that information
14 is also available. You can go and look at the
15 official statements through the MO, which is a
16 portal site that MSRB provides to investors.

17 MS. BROCKWAY: Can you -- what was
18 the acronym?

19 MS. CLUPPER: EMMA. Just type MA
20 and it will pop right up. And then you can
21 search for whatever official statement you want
22 and you can look and see what the legal
23 coverages are. But the bigger point of the --
24 the policy is not just based on sector summary.

1 The policy -- you know, we spent a lot of time
2 working with the Department over years looking
3 at summaries so it's an important part of the
4 deliberation. But the reason why coverage
5 needs to be increased again is to generate
6 resources all to the bottom line so there's
7 money available to make the system stronger,
8 and that's the reason why the policy is
9 important. It's supported by ratio medians
10 because you look at other utilities, best
11 practices that are considered healthy by
12 investors and rating agencies. That's all
13 important to do. But the bottom line is, the
14 reason why you want the coverage is to go back
15 into the system. It doesn't go to investors or
16 other private people like an investor-owned
17 utility. It's a municipally-owned utility.
18 The money goes back into the system to address
19 critical infrastructure needs that are going to
20 face the Department for years and the City and
21 the ratepayers.

22 MR. BALLENGER: And in this
23 statement that you're talking about, about Mr.
24 Morgan's statement, that it may be

1 inappropriate to use that median. Am I correct
2 that you did cite in your testimony to the
3 agency ratings summary at the median?

4 MS. CLUPPER: Yes, I did. We
5 included the summaries. We did include
6 summaries, yes.

7 MR. BALLENGER: I have another
8 question. I just wanted to talk a little bit
9 about the use of the Rate Stabilization Fund,
10 if I can. And I think, Ms. Allen, you talked
11 about Rate Stabilization Funds being available
12 for two purposes. And the first purpose you
13 mentioned was to transfer into the revenue
14 fund? And once transferred into the revenue
15 fund, is there any restriction on the use of
16 those funds for any purpose?

17 MS. ALLEN: No. Once moneys are in
18 the revenue fund, then it goes through the
19 waterfall and it --

20 MS. BROCKWAY: Say again?

21 MS. ALLEN: Once moneys are in the
22 revenue fund, there is a prioritization in the
23 general ordinance about how revenues are used.
24 And once each step is -- first operating

1 expenses. If operating expenses are met, then
2 you pay debt services. Debt services are
3 provided for, then you top off the debt service
4 reserve and you go down and through the
5 prioritization that is in the general
6 ordinance. But there's not a specific --
7 anything more specific than that. To the
8 extent that the other purposes have been
9 provided for, it can go to -- it goes -- it can
10 go all the way through --

11 MR. BALLENGER: I think in
12 discovery we asked a question about that, and
13 Ms. LaBuda directed us to this page of the
14 official statement, page nine that depicts that
15 flow of funds. So once transferred into the
16 revenue fund, basically the amounts could go to
17 operating expenses, they could also go to
18 capital expenditures, is that correct?

19 MR. JAGT: I want to clarify one
20 thing. The initial question, as you stated --
21 which transfer are you referring to?

22 MR. BALLENGER: I'm not referring
23 to any specific transfer. I'm referring to the
24 Department's transfer of money from the Rate

1 Stabilization Fund to the revenue fund.

2 MR. JAGT: Okay. Thank you.

3 MR. BALLENGER: So the moneys
4 transferred from the Rate Stabilization Fund to
5 the revenue fund could be used to pay operating
6 expenses, they could be used to make --

7 MS. ALLEN: That transfer happens
8 at the end of the year. So whatever the
9 revenue requirements are necessary for the
10 Water Department at the end of the year, that's
11 -- it settles the fiscal year.

12 MR. BALLENGER: They could be used,
13 for example, as part of a capital account
14 deposit?

15 MS. CLUPPER: I think the timing is
16 critical to understand that it happens at the
17 end of the year. So stuff already happened.
18 You have already extended your operating to
19 plug a hole. I think that's a very critical
20 point to remember in this waterfall discussion.
21 So you couldn't use it that year because that
22 year has already passed to.

23 MS. LABUDA: And that's an
24 important point which I tried to discuss

1 yesterday with one of the questions that came
2 my way on what happens when -- can you make
3 retroactive adjustments and reduce an
4 operating-level expense. And the answer is, we
5 pay expenses as they come throughout the fiscal
6 year and we receive invoices, we pay for
7 chemicals, we pay for electricity, we pay for
8 ongoing expenses throughout the year month by
9 month by month. And then we get to year-end
10 and we figure out if we have overspent or if
11 revenues were sufficient, and then a transfer
12 is made in October. And how that money flows
13 will depend on what expenses we had through the
14 year.

15 MR. BALLENGER: Okay. I understand
16 your position. I think we'll probably address
17 that in a brief.

18 MS. BROCKWAY: Are you trying to
19 ask whether they can intentionally under budget
20 a capital account so that --

21 MR. BALLENGER: No, Madam Hearing
22 Officer.

23 MS. LABUDA: In our general bond
24 ordinance, there's a requirement that we must,

1 not choose to, we must set aside one percent of
2 net property plans and equipment towards our
3 capital trust. Most people would better
4 understand it as renewal and replacement. We
5 must do that as part of our obligations. There
6 is a required one percent transfer for renewal
7 and replacement.

8 MR. BALLENGER: Right. And that's
9 part of the definition of the capital account
10 deposit amount, is that correct? Is that
11 right? The one percent, it's in the ordinance?

12 MS. ALLEN: Yes.

13 MR. BALLENGER: By definition, that
14 also includes -- it includes -- as I said, we
15 can address this in the briefs, but it states
16 or such greater amount as shall be annually
17 certified to the City. So it is not limited to
18 one percent, is all I'm saying. But we can
19 address it in the brief.

20 I think I am done and would pass
21 cross-examination to Mr. Delaney or Mr.
22 Helbing, if either of them have any questions.

23 MR. DELANEY: I don't have any
24 questions to ask. I'll pass.

1 MR. HELBING: Neither do I.

2 MS. BROCKWAY: Any other questions
3 from anybody else?

4 MR. DASENT: On redirect, we'll
5 have a brief redirect.

6 MS. BROCKWAY: Are you ready to go
7 now?

8 MR. DASENT: If you give me just a
9 moment.

10 MR. POPOWSKY: I have a question,
11 if you don't mind. I have been struggling with
12 this back and forth on the interest -- the
13 coverage ratios versus the Rate Stabilization
14 Fund. So what I noticed on -- this is an
15 exhibit that was handed out yesterday, the
16 Public Advocate exhibit -- hearing Exhibit-1,
17 page 14 which you talked about today, which is
18 the bringdown from the last case. I think it
19 was prepared by Black & Veatch. On page 14, if
20 you look at the first few lines, there's a lot
21 -- several lines. There's a lot of differences
22 between the rate case projection versus the
23 actual results. But when you get to the
24 coverage ratios, particularly the senior debt

1 coverage ratio, lo and behold, the actual is
2 identical to the projection. So my assumption
3 is that you're actually solving for that
4 number. That's a plug number.

5 MS. LABUDA: It is. And it's based
6 on legal counsel's advice that we had to --
7 while the Department did experience
8 outperformance, we were advised legally that we
9 had to meet the exact coverage metrics that
10 were portrayed in the settlement. So the
11 additional funds went to the RSF.

12 MR. POPOWSKY: So when you were
13 concerned that the numbers were going to go to
14 1.9, that's not really a concern. The real
15 concern is how much are you going to have to
16 take from the Rate Stabilization Fund to keep
17 it at the 1.2, is that correct, or whatever you
18 choose?

19 MS. LABUDA: Actually, I was more
20 concerned that the position of the Public
21 Advocate grossly understated our expenses.

22 MR. POPOWSKY: I understand that.

23 MS. LABUDA: We would be in severe
24 jeopardy of managing the utility --

1 MR. BALLENGER: I would object to
2 the statement that grossly understate or
3 overstated anything.

4 MS. BROCKWAY: I'll overrule the
5 objection and let's just let the Board member
6 have --

7 MR. POPOWSKY: I'm just trying to
8 determine -- so to me, the issue is not whether
9 you're going to go to 1.2, 1.9. How much do
10 you to keep in the Rate Stabilization Fund?

11 MS. LABUDA: I mean, there's
12 multiple factors. The first factor is that we
13 can't have coverage -- manage to have something
14 less than 1.2. And we don't set rates to cover
15 a hundred percent of budget. So how much is
16 the minimum amount we can functionally have in
17 the RSF. And then there's the fact that we're
18 severely leveraged. You don't want to continue
19 1.2 times coverage and rely on the Rate
20 Stabilization Fund. You want to start to
21 de-leverage the utility or Department, or by
22 incrementally increasing, as we did during the
23 prior settlement, that coverage amount.

24 MR. POPOWSKY: But you're going to

1 start off on the number based on how much you
2 put in from the Rate Stabilization Fund. Is
3 there a minimum? I can't recall. I apologize.
4 Is there a minimum you must keep in the Rate
5 Stabilization Fund or is there a target or --

6 MS. LABUDA: Legally, the general
7 bond ordinance requires 45 million in RSF. Do
8 I have that number correct? The Rate
9 Stabilization Fund must have 45 million in it?

10 MS. ALLEN: Subject to check.

11 MS. LABUDA: There's some minimum
12 amount in the Rate Stabilization Fund under the
13 general bond ordinance. Then there's the
14 philosophical question is if you aren't setting
15 rates to cover a hundred percent of your
16 budget, how do you balance your budget if your
17 Rate Stabilization Fund is something less than
18 that minimum ten percent of your original
19 budget. Then there is the third part of this
20 equation, which is how much does the Department
21 need on an ongoing basis in the RSF, since we
22 have no other account that can flow to revenue
23 to meet ongoing operations in an emergency.
24 And in the financial plan, I said that's 110

1 million in fiscal year '18. And we would use
2 the RSF in '16, '17, and '18 to get to the 110
3 million, provided assumptions that we provided
4 are accepted and also are within the range of
5 what we experience.

6 MR. POPOWSKY: Okay. Thank you.

7 MR. BALLENGER: Hearing Officer, if
8 I may ask one more question.

9 MS. BROCKWAY: Uh-huh.

10 MR. BALLENGER: Ms. LaBuda, you
11 stated that the Public Advocate's position is
12 to grossly underestimate your expenses. Could
13 you please direct me to where in Mr. Morgan's
14 testimony he states that our position is to,
15 quote, grossly underestimate expenses?

16 MS. LABUDA: Mr. Morgan states that
17 he wants to remove all adjustments because
18 they're not reasonable. So by --

19 MS. BROCKWAY: I'm going to
20 interrupt. This is argument obviously and I
21 think we're, you know, making too much of a
22 semantic difference. I think we can understand
23 it on the Board. I do have a question -- do
24 you have other questions?

1 MR. BALLENGER: No.

2 MS. BROCKWAY: You can put that
3 into your summary.

4 MR. BALLENGER: Not at this time.
5 Thank you.

6 MS. BROCKWAY: But, you know, we
7 don't need to have a lot of time on the record
8 about something which is pretty clear.

9 I wanted to ask about the five-year
10 plan requirement. Did that come about
11 initially as part of the PICA bonds?

12 MS. LABUDA: Yes.

13 MS. BROCKWAY: Will that
14 requirement sunset when those bonds are paid
15 off?

16 MS. ALLEN: Yes.

17 MS. BROCKWAY: How long will that
18 be?

19 MS. CLUPPER: We have to check.

20 MS. BROCKWAY: So several years.
21 And has the Department considered what it would
22 do if it no longer has that covenant
23 obligation?

24 MS. LABUDA: I'm sorry, if the City

1 no longer produced a five-year plan? There's
2 no indication that the City, based on
3 discussions to date, has any intention of not
4 doing a five-year plan. We would need to
5 continue to have discussions with the City's
6 finance director on just obtaining projections
7 on a five-year basis if the official plan were
8 not to be produced in 2023 or 2024, whatever
9 the correct year is. But there's no indication
10 that that's going to happen.

11 MS. BROCKWAY: Thank you. Did you
12 have more?

13 MR. BALLENGER: No.

14 MS. BROCKWAY: Does anybody else
15 have any questions?

16 MR. DASENT: We have redirect
17 briefly after a brief break.

18 MS. BROCKWAY: All right. Let's
19 see. We'll go off the record.

20 (A break was taken.)

21 MS. BROCKWAY: During the break, I
22 had discussions with Mr. Dasent and Mr.
23 Ballenger about the question of responses to
24 the various stages that have come in. So the

1 last stage we have is the rebuttal accompanied
2 with cross-examination. It seems to me, and I
3 think at least these parties agree, that it is
4 -- that we have time, given how quickly things
5 are going, to give Mr. Ballenger the
6 opportunity to put on some surrebuttal
7 tomorrow. I understand that you would like to
8 do that only after cross on the direct?

9 MR. BALLENGER: I think it depends
10 on how cross goes, but we may be able to avoid
11 surrebuttal and just handle anything on direct.
12 But I can't anticipate -- I can't forecast.

13 MR. DASENT: That's what I
14 anticipated, but I think our flexibility
15 indicates we will let tomorrow start with a
16 very short cross of Mr. Morgan of those areas
17 we haven't already discussed. And we have
18 stormwater management witnesses and other
19 things to do.

20 MS. BROCKWAY: Okay. And just to
21 this step off. If there is surrebuttal, and if
22 you want to rejoin to it, you can, but it will
23 be limited to the surrebuttal, not to anything
24 else.

1 MR. DASENT: Fair enough.

2 MS. BROCKWAY: And tell me again,
3 who are the stormwater witnesses?

4 MR. DASENT: We have Erin Williams
5 tomorrow, David Katz, and of course in the
6 future it's David Russell for Penn Future.

7 MS. BROCKWAY: Okay. Thank you. I
8 think we should keep plowing through. So we
9 were ready for redirect.

10 MR. DASENT: Yes. Just very brief
11 redirect. I'll direct the question to Ms.
12 Clupper.

13 Assuming Mr. Morgan's adjustments
14 are okay mathematically, just sort of the focus
15 of much of the discussion today. What's the
16 big picture?

17 MS. CLUPPER: When I look at this
18 kind of bottom line, so I always look at the
19 bottom line year-end fund balance after, you
20 know, the balance completed. As the Water
21 Department's municipal advisor, I'm extremely
22 concerned that we're creating and focusing on a
23 situation where that we're managing exactly to
24 a required coverage and we're using the

1 resources. I think it's important to remember,
2 historically the water commissioner sets the
3 rates. And so there was an internal process
4 that CLS was involved with and the rating
5 agencies, and the investor community gave the
6 City a break because they knew at the end of
7 the day the water commissioner would raise
8 rates in an amount that would maintain 1.2
9 times the coverage. There was this sort of
10 understanding that that was going to happen.
11 And they also understood that the Water
12 Department consistently outperformed.

13 In fact, you know in the Standard &
14 Poor's recent write-up, they specifically
15 mentioned that the financial performance meets
16 and exceeds current projections. I mean, it's
17 sort of a Philadelphia thing that they say the
18 sky is falling and they outperform, and that's
19 a good thing as far as investors are concerned
20 and as far as the credit agency. So I think
21 that that -- so I think that's generally a
22 credit positive. But now that there's an
23 independent rate-making board, all three rating
24 agencies have specifically mentioned in their

1 write-ups the concern it could be, you know,
2 positive, but they are concerned that that sort
3 of, you know, reality that the commissioner set
4 the rate doesn't exist. And they are looking
5 very carefully at what happens here. They're
6 expecting the Water Department's coverage
7 trends have been on the -- you know, slowly
8 going from 1.2 higher, and they understand that
9 the policy of the Department is to increase the
10 coverage. They understand the policy of the
11 Department is to increase PAYGO -- use the
12 capital, the internally-generated funds. They
13 understand that and they're giving them, you
14 know, kudos in all their write-ups.

15 So there is a focus, they don't
16 want to say a concern because they're not going
17 to do a judgement, but they are looking at this
18 Board, the process and they're, you know,
19 expecting and hoping to continue the positive
20 trend. So when I see this bottom line, you
21 know, number, it causes me concern, because I'm
22 concerned that we're kind of going backwards
23 and not continuing with the trend that will
24 ensure some positive sustainability of a

1 system. You know, the Department has almost a
2 two-billion-dollar capital project and it's
3 okay to look at things in two years, but the
4 Department can't. It's got a huge CIP program,
5 as most utilities do. Very, you know, asset
6 intensive and, you know, you have to -- they're
7 looking for this trajectory. And so that's why
8 I'm concerned when I see this, you know,
9 mathematically-corrected bottom line, it still
10 causes me concern.

11 MS. BROCKWAY: When you say bottom
12 line, is that a line on one of these exhibits
13 or is that a general term?

14 MS. CLUPPER: I actually looked at
15 the bottom line of the year-end balance -- not
16 to get back into the model, but I have to say
17 this. So if you look at LKM-1, setting aside
18 all the other conversation about -- that went
19 on, what I do is I look at the residual fund
20 because that's the fund now, that's the bottom
21 line for the Department, that's line 30. And I
22 see that the beginning balance of the Black &
23 Veatch is 15 million and the beginning balance
24 for Mr. Morgan's is 42 million. And I think

1 well, that doesn't make sense. You have to
2 start with the same beginning balance. So I
3 adjust the beginning balance in 2017 at 15
4 million and if you kind of do the math, at the
5 end of 18 the fund balance, which is the
6 year-end residual fund balance, is a negative
7 two million dollars. That just means that
8 we're -- you know, there's no juice there,
9 there's no coverage. So, yeah, that causes me
10 a concern.

11 MR. DASENT: Is utility planning
12 month to month or year to year?

13 MS. CLUPPER: No, I think the
14 utility plans far out. Their rate increase is
15 only two years. They have to plan out, you
16 know, five years and even, you know, longer. I
17 mean, the capital plan passed by the City is
18 six years. But I'm certain that Black & Veatch
19 and engineering projections go out 20 years, 25
20 years because projects take years to complete.
21 I mean, it would be irresponsible not to have a
22 long-range plan on the capital side of the
23 utility.

24 MR. DASENT: Based upon your

1 listening today to various questions and our
2 presentation, are we capturing sort of the
3 long-term view or are we sort of stuck in the
4 weeds?

5 MS. CLUPPER: I think this is a
6 very short -- no, it's not long term.

7 MS. BROCKWAY: You're referring to
8 LKM-1?

9 MR. DASENT: Yes.

10 MS. CLUPPER: Yes.

11 MS. BROCKWAY: Which has come in as
12 part of your Exhibit-3.

13 MS. CLUPPER: Yes. Two-year
14 picture.

15 MR. DASENT: Do you have anything
16 else?

17 MS. LABUDA: I think the other
18 point that Kathy and I experienced when we were
19 recently with the rating agencies is that
20 they're watching our coverage. They're looking
21 for incremental improvements to continue,
22 they're watching our balances and the Rate
23 Stabilization Fund. We're using those balances
24 for projecting to use those balances. So the

1 combination and the big-picture risk to the
2 Department is that if rates aren't adequate to
3 meet our obligations and we continue to rely on
4 the RSF, you're putting the Department in
5 jeopardy of rating triggers. And ultimately
6 what it comes down to is that any type of
7 downgrade in ratings results in higher costs.
8 And that is the big-picture concern when we
9 take a narrow focus and aren't thinking
10 long-range planning or five years out and
11 incrementally de-leveraging the Department.

12 MR. DASENT: Thank you. That's all
13 we have.

14 MS. BROCKWAY: Cross?

15 MR. BALLENGER: No, not from me.

16 MS. BROCKWAY: Any other party
17 cross? I have a question. Early on in this
18 proceeding, there was a kerfuffle about costs
19 for advanced metering infrastructure. And the
20 particular dispute had to do with discovery
21 having to do with the business case and other
22 information about why would the Department want
23 to do this, what are the benefits, costs, so
24 forth. That was resolved by taking out of this

1 two-year period AMI-related costs. You have
2 said several times -- this is to the
3 Department. You have said several times in
4 your testimony that you need to go out longer,
5 that you need to go out five years.

6 Is there -- in your projections, do
7 you still have any AMI in the third through the
8 fifth years?

9 MR. DASENT: It's in the planning
10 period. But the witnesses need to speak to
11 that.

12 MS. BROCKWAY: Yes.

13 MR. JAGT: As filed, it's in the
14 planning period that we have reflected in our
15 filing.

16 MR. DASENT: Beyond the rate
17 period?

18 MR. JAGT: Right. Correct.

19 MS. BROCKWAY: Do you know how much
20 would be in the plan if you were to remove the
21 AMI? I understand there are some offsetting
22 adjustments that you might want to make.

23 MS. LABUDA: May I read the -- so
24 in the assumptions document, which was PWD

1 Exhibit-5, I'm on page number eight -- I
2 apologize. So on page one, it reads that the
3 implementation of AMI is anticipated to provide
4 the following conditional revenue in fiscal
5 year '19. And I'm just citing what's on the
6 record, which is point four million in fiscal
7 year '19, 1.25 million in fiscal year '20, and
8 2.1 million in fiscal year '21. If you give me
9 a moment, I'll go through and cite the page if
10 there's any other assumptions on the expense
11 side.

12 MS. BROCKWAY: You're saying that
13 that is a net benefit at this time to the
14 Department from putting in AMI?

15 MS. LABUDA: The financial plan
16 contemplates that benefit. But I also want to
17 point out that beyond fiscal year '18, it also
18 contemplates -- and this is on page eight of
19 PWD Exhibit-5, B&V page number eight, I'm
20 looking at class 100 and 200, fiscal year '19
21 to 2021 projected cost savings of the result of
22 the anticipate implementation AMI range from
23 point two million to 1.9 million from 2019 to
24 2021.

1 MS. BROCKWAY: Perhaps using this
2 as an example. What is the importance to the
3 Board of the years beyond the two-year period?

4 MS. LABUDA: So from my perspective
5 as a financial person, I worry that any delays
6 in implementation or various implementation --
7 I'll look to our CEO, any delays could change
8 the net benefit of the potential program to our
9 bottom line. So the risk of course is that the
10 savings don't materialize.

11 MS. BROCKWAY: And if somebody said
12 au contraire, not only will there be no
13 savings, you will have a net loss, would that
14 be a fair discussion to have?

15 MR. DASENT: For the rate period?

16 MS. BROCKWAY: Well, we seem not to
17 be having it now, but what I'm worried about is
18 that we have a record which is at least
19 qualitatively based on a period beyond this
20 rate period and makes some assumptions about
21 the health of the Department. And part of that
22 is based on the AMI, which might -- those
23 assumptions about the impact of AMI might be,
24 as they have been in the electric industry,

1 subject to a great deal of dispute. And so I'm
2 trying to figure out how the Board can, without
3 getting into what the Board thinks about AMI
4 and your savings, the Board can contemplate the
5 period of time after the rate period. What do
6 we do with your statement that you're worried
7 about losing the net benefits and so forth if
8 we don't get into the question of are there net
9 benefits?

10 MS. LABUDA: And Prabha Kumar
11 corrected me that I wasn't summing up all the
12 parts in the assumptions document and during
13 the planning period the net benefit. So it's
14 zero.

15 MS. KUMAR: May I answer?

16 MS. LABUDA: Yes, please.

17 MS. KUMAR: So after the AMI
18 implementation and the savings coming from the
19 AMI predicated upon timing. So there was a
20 timing that was assumed for the AMI
21 implementation.

22 MS. BROCKWAY: There was a timing
23 what?

24 MS. KUMAR: There was a timing of

1 implementation that was assumed, which was the
2 '18 times -- that the project will be completed
3 by '19 and the net savings start coming in
4 starting '20. So if the project is not done at
5 all, when the project cost happens during this
6 time frame, the 19/20 time frame that we're
7 talking about, the savings are -- continue as
8 annual savings beyond that period. So if your
9 question is is there a potential loss by not
10 doing this at all in a certain time frame, in
11 the very long-term, yes, there could be,
12 because the savings are going to continue to
13 accrue on a year-by-year basis.

14 MS. BROCKWAY: I understand that
15 and I understand that's the position of the
16 Department. But because of my experience in
17 the electric industry where AMI has been very
18 fiercely debated and there are multiple points
19 of view, it raises to me the question of how
20 does AMI work in the water situation and can
21 the Board rely on these projections of savings.
22 And what would be great would be if somebody
23 could explain to me why we don't even need to
24 care about that. But I'm having trouble

1 getting there.

2 MR. DASENT: The proposal is not
3 ripe, that's why we have not stipulated to
4 remove the operating expenses from the rate
5 period. In the planning period, it will come
6 into focus because it has to go to city
7 council. It has to be fully vetted, and within
8 those parameters we will know and you will know
9 because we will share that information with
10 you. As of right now, it's not ripe for any
11 determination.

12 MS. BROCKWAY: But does that mean
13 that the Department has pushed back its plan to
14 start AMI implementation?

15 MR. DASENT: Ms. LaBuda will have
16 to speak to that or our CEO.

17 MS. BROCKWAY: That kind of process
18 was already built into the original
19 assumptions?

20 MS. MCCARTY: Well, I think it's
21 important to remember that the current contract
22 ends in 2019 if we take the two one-year option
23 to renew for the meter reading. So during --
24 you know, outside this rate case. But we're

1 going to have to figure something out. So are
2 we planning? Of course we are, because we have
3 to. We don't just look at tomorrow, we have to
4 look out. I'm not saying you're disputing
5 that. But we have to figure something out.
6 What it is, we don't know right now. And as
7 Andre pointed out, we need to go to city
8 council if we're going to go with the long-term
9 control plan. I think there's too many
10 variables right now to say whether we will or
11 will not go to AMI. We would do our due
12 diligence and does it make sense. And I would
13 suggest that I think there are differences in
14 the water industry versus the electric industry
15 in that regard. Things that AMI can bring you
16 is, you know, if a customer is -- their toilet
17 is running, they can be alerted within, you
18 know, whatever that time frame might be, three
19 days, 24 hours, and reduce that additional
20 consumption and then potentially adjustments in
21 their bill, disputes in their bill and things
22 like that and high bills and creating
23 delinquencies. But that is one of the many
24 factors that we would evaluate in looking at

1 AMI. Does that answer your question?

2 MS. BROCKWAY: Yeah, it goes very
3 far towards it. I want to clarify a little bit
4 the timing issue. When you first filed your
5 advanced notice and your notice, AMI was there
6 and there was some funds for these next two
7 years and they have been by agreement taken
8 out. Does that mean that you are changing in
9 any way the planning activities that you would
10 have done had those \$400,000 still been in the
11 budget? In other words, are you going ahead
12 with the planning and is that not related? Can
13 that be separated and is it not tied to this
14 \$400,000?

15 MS. MCCARTY: We needed those funds
16 -- we're basically playing that -- you know,
17 what we need those funds for, which is not to
18 say we're not still continuing to look at AMI.
19 But those funds were allocated for activities
20 that we are not currently doing. Does that
21 make sense?

22 MS. BROCKWAY: Yes. So there is --
23 the impact of this is whether you would have
24 done it anyway. So some delay from the

1 original assumption about what your path would
2 be? I think that's all I need to know. Any
3 questions?

4 MR. BALLENGER: No. I just -- if I
5 could just make one statement. I think that's
6 an important clarification because I think, you
7 know, this -- unlike the costs for --

8 MS. BROCKWAY: Actually, we don't
9 need you to make a statement.

10 MR. BALLENGER: Okay.

11 MS. BROCKWAY: The Board wants to
12 hear it.

13 MR. BALLENGER: The kerfuffle that
14 you referenced arose out of a discovery
15 dispute. What I was getting around to was that
16 we would view the record as being sort of
17 inadequate at this point, which is why I'm
18 encouraged to hear that there has to be some
19 more discussion and development for this issue
20 to go to the Board in this case. In our view,
21 we would think we would need a chance to do
22 more discovery and maybe this issue would have
23 to be taken up in a later decision if the Board
24 wanted to make a decision on it. I was going

1 to contrast that with the electric expense,
2 which I think we have had an opportunity to
3 have discussions about and is an adjustment
4 that's been agreed to after having built a
5 record and had discussions.

6 MS. BROCKWAY: Yes. And I wasn't
7 contemplating that we would reopen that issue
8 here. I was trying to understand, given that
9 that issue is in flux, to what extent do the
10 third through the fifth years, to the extent
11 they are affected by it, that issue, matter or
12 can we basically set that aside completely and
13 think about the third toward the fifth years as
14 if as if it hadn't and didn't need to be
15 decided.

16 MR. DASENT: I thought that's just
17 basically what the commissioner informed us.

18 MR. POPOWSKY: I'm sorry, I did
19 have one other question. I apologize. You
20 referenced the residual fund. I apologize and
21 I haven't been able to get all these funds
22 clarified. But the residual of what?

23 MS. CLUPPER: The residual fund, in
24 my mind anyway, is like the ultimate fund

1 balance. So in the waterfall, we have things
2 -- everything starts up here and it falls to
3 the residual fund. In my mind, if I'm thinking
4 about how much money do they have kind of left
5 over, whatever, it's the residual fund. That's
6 how I view it.

7 MS. ALLEN: If there's any excess
8 revenue at the end -- revenue comes into the
9 revenue fund and they meet all the revenue
10 departments. At the end of fiscal year, if
11 there's anything that's excess, there's a last
12 bucket.

13 MR. POPOWSKY: And that's after the
14 Rate Stabilization Fund as well?

15 MS. ALLEN: Yes.

16 MS. BROCKWAY: Actually, may I
17 follow up on that. My understanding is that
18 the testimony is that the 110 million dollars
19 is a target. A couple of questions. To the
20 extent you haven't had a chance already to
21 explain why that particular target is
22 important, I would be very interested. And as
23 part of answering that, I don't know what
24 number to pick but somewhere between 45 million

1 and 110 million. Would another number be
2 tolerable or is this the number it has to be?

3 MS. LABUDA: So in PWD Exhibit-2,
4 we have a document called the Philadelphia
5 Water Department Financial Fund. It's a
6 PowerPoint summary of the financial goals and
7 objectives the Department has set. Many of
8 them mirror the goals and objectives of what
9 was set in the prior proceeding, such as 20
10 percent pay-as-you-go capital and maintaining
11 the Rate Stabilization Fund at a hundred
12 million, plus some sort of inflationary
13 assumption. And it is my distinct opinion that
14 110 million by fiscal year '18 is the minimum
15 amount the Department needs to ensure that we
16 have adequate funding to cover the differential
17 between budgets and what rates cover. It's
18 also an amount that we'll need in order to
19 manage to our day's cash-on-hand metric.

20 As I cited earlier, one of my
21 concerns with spending down the RSF and not
22 improving coverage is the rating agency
23 implications. So if coverage continues to not
24 -- if we don't have the ability to improve

1 coverage incrementally and we're spending down
2 Rate Stabilization Fund, we're going to be in a
3 position where we're going to have cash defined
4 as days cash on hand in the rating agency's
5 view, which is much lower than our peers, and
6 that is a rating challenge for the Department.
7 So we needed to balance the original budget
8 because we don't set rates to cover a hundred
9 percent of budget. We need it to maintain
10 adequate fund balance. Fund balance is
11 important for emergencies. And we also need it
12 to ensure that we don't see rating agency
13 declines.

14 But I would point to PWD Exhibit-2,
15 the PowerPoint, that steps through more of the
16 Department's goals and objectives from a
17 financial planning perspective, which are also
18 prepared, of course, in the cost-of-service
19 analysis.

20 MS. BROCKWAY: So you say the 110
21 is the minimum of --

22 MS. LABUDA: Yes.

23 MS. BROCKWAY: And if the
24 Department were to choose something like 100 or

1 90 million and say this is going to be our
2 target for the next four or five years, would
3 that have the same impact on the rating
4 agencies as well. We're going to draw down the
5 fund now because we don't want to raise rates?

6 MS. LABUDA: Well, there's two
7 problems. We already went through a year
8 without a rate increase and so we have
9 nondiscretionary expenses we're facing. And
10 any type of shift lower than rates, as we have
11 requested, puts pressure on all years on the
12 outgoing plan, right? Because you still have
13 those expenses. They're not going away. And
14 you're just putting pressure on outgoing year's
15 rates if we don't have sufficient revenues.
16 And I would challenge you that I won't change
17 the plan below 110 million because I feel very
18 strongly that we will be in a very bad spot
19 financially with anything less than 110 million
20 by fiscal year '18 because budgets are going to
21 grow, they're not going to shrink.

22 And also from the rating agency
23 perspective, I don't think I want to be in a
24 position where I'm recommending the Department

1 to face negative outlooks and potential
2 downgrades from a rating agency perspective.
3 Most of our peers keep 280 to 350 days cash on
4 hand. I would say subject to fact check,
5 because I don't have the peer medians right in
6 front of my hand, but that's what I'm
7 recalling. So we're going to take our 113 --
8 our 110 million is going to drive us to
9 something much lower than that.

10 MS. BROCKWAY: Lower than 280?

11 MS. LABUDA: Absolutely, yeah.

12 What we're going to end up with is about 175
13 cash on hand if we end up with 110 million in
14 fiscal year '18. And, again, this is all in
15 the financial plan.

16 MS. CLUPPER: Just to add. The
17 rating agencies aren't going to look at one
18 fund. They're going to look at debt service
19 coverage. They're going to look at residual
20 fund. They're going to look at total cash on
21 hand. But because the residual fund is
22 targeted so low, the liquidity really resides
23 in the Rate Stabilization Fund.

24 MS. BROCKWAY: I was trying to

1 stumble towards a scenario in which we take the
2 worry of the rating agencies that this Board is
3 going to slash rates or keep rates so low that
4 your revenues are in great danger. So that's a
5 risk. I was trying to think of how much of the
6 110 is essential to that issue. In other
7 words, if the Board were to say well, we think
8 this is a -- we think it's very important that
9 the Department have a comfortable RSF, but we
10 think that a hundred million is going to be
11 enough. And even as that flows through to, I
12 don't know, 160 days, I don't know what it
13 would mean, this would be a communication from
14 the Board to the rating agency saying yeah, you
15 were worried that we were going to cut, we're
16 going to cut a little, but we're certainly not
17 going to cut drastically and we don't tend to
18 cut further as we go along.

19 MS. CLUPPER: So they're going to
20 look at the action of this Board. They're
21 going to look at the action, and so if you make
22 a statement, frankly the board may not be the
23 next board that does the rate increase, right?
24 So if you lower the target of the Rate

1 Stabilization Fund, that means you're using it
2 to bolster operations. And when you use the
3 Rate Stabilization Fund to bolster operations,
4 you're creating a structural deficit that at
5 one point will catch up with you. So if you're
6 using money to help operating and you need that
7 to maintain the coverage, what that means is
8 that here's the end of the rate period, and
9 then the next year, as Missy said, those
10 expenses don't go away and now you have created
11 a structural deficit. That's what they're
12 looking at. They're looking at okay, we have a
13 situation where they use the Rate Stabilization
14 Fund and they say they're not going to do it
15 anymore but could be a different Board, and now
16 we have this structural deficit so it will be a
17 credit negative.

18 MS. BROCKWAY: I will admit that I
19 don't understand this fully, and I think it's
20 something that could be briefed because I am --
21 I'm falling off the logic train when you get to
22 using the RSF for operating. It seems to me
23 that that wouldn't be the case. It would be
24 say no, you don't need 110, you only need a

1 hundred or whatever, which is a different
2 calculation.

3 MS. CLUPPER: Yeah. Yeah. You
4 would make -- you're making that statement
5 because you intend to not raise your rates and
6 so --

7 MS. BROCKWAY: Well, by the 10
8 million dollars, yes.

9 MS. CLUPPER: So that's the next
10 logic, well, you're not going to raise rates
11 and the question is why. I mean, ideally the
12 Rate Stabilization Fund never gets touched. If
13 I have my way, it would 110 million and you
14 would have coverage that was enough that you
15 would never need the Rate Stabilization Fund to
16 maintain 1.2 because you have coverage of 1.3
17 and 1.4 and that money would fall to the
18 Residual Fund, be taken into the construction
19 fund, and the Rate Stabilization Fund would sit
20 there as a rainy day fund, you know, for
21 emergencies that, you know, you need to
22 maintain that, you know, because something
23 happened and you need that money to maintain
24 coverage. Or there's an economic disaster in

1 the City and there really is rate concerns and
2 you need to use that to stabilize rate
3 increases. So that would be the ideal.

4 So I think, you know, the rating
5 agencies are not going to make a credit
6 decision on a hundred or 110. They're going to
7 look at the bigger picture. They're going to
8 look at trends and they're going to ask the
9 question, what happens next and they'll do
10 their own kind of, you know, projection and
11 they'll see that if you have used it and you
12 haven't raised rates, there will be a deficit
13 in your operating.

14 MS. BROCKWAY: I think under my
15 assumption for this hypothetical, the rate
16 increase to the extent of ten million dollars
17 would not be awarded and that would continue
18 through the future, at ten million dollars
19 presumably, unless you have inflation -- unless
20 the 110 should be going up as we go further.

21 MS. CLUPPER: Let me just sort of
22 -- if you're saying that a Board would say to
23 the Department, your Rate Stabilization Fund
24 has to be maintained at a hundred million and

1 then the next sentence is well, we're going to
2 raise the rates so you don't need to use it, so
3 it's always going to be at --

4 MS. BROCKWAY: No. No. It would
5 not be that. We're going to make sure that
6 rates are enough that it will always be at a
7 hundred, at least.

8 MS. KUMAR: Just one other point to
9 make here. When you are saying that the 110
10 million, we will have it at a hundred million.
11 The only way that happens is really, from what
12 you're suggesting, is to use the level of
13 revenue increases needed in '17, let's say.
14 It's important to remember when you're making
15 that change in '17, it has that compounding
16 effect on each succeeding year. So that
17 revenue -- that five percent -- say it's
18 four-and-a-half percent. The next year '18
19 that we are projecting is off of '17. So when
20 you cut down half a percent on '17, it's going
21 to have a compounding effect on '18 and each
22 year is a compounding effect on each year.

23 MS. BROCKWAY: Why would it not be
24 in each year a ten million dollar difference

1 from what the plan was? What is it -- what's
2 the word?

3 MS. KUMAR: Compound.

4 MS. BROCKWAY: Yeah, why does the
5 10 million compound?

6 MS. KUMAR: So for example -- all
7 hypothetical, so please don't quote all these
8 numbers. So let's say the five million dollars
9 -- five percent rate increase and that you have
10 to change it to a 4.8 percent and that's how
11 you get the 10 million dollar reduction, let's
12 say. Then the next year that what we are
13 projecting and we have projected that we need
14 to build on the five percent that we have
15 projected. But now you're going to be building
16 only on the 4.8 percent but you still want the
17 same 10 million dollar reduction the next year,
18 which means what we are projecting in the next
19 year now, you have to increase that. So each
20 year you have to keep increasing -- because
21 what is happening is the very first year,
22 revenue increases, let's say, from five percent
23 to 4.8 percent. That point two percent is
24 affecting every succeeding year. But what

1 you're doing in the denominator, you're saying
2 every year you want to reduce ten million. So
3 the only way -- what we have projected, the
4 revenue increases that we are trying to project
5 to mitigate rate impact and the only way that
6 can happen is in the first year you want to
7 reduce 10 million, the next year you have to
8 say I'll reduce it even more, from 10 to 12 and
9 then 14 and 16. So you constantly have to
10 change the Rate Stabilization balance. The two
11 go in tandem.

12 It's not that I'm just -- keep the
13 10 million reduction every year, but the very
14 first year you say I'm going to reduce the
15 revenue increases for the first year, that's
16 compounding effect every year. Which means at
17 some point down the road, the level of revenue
18 increases you need has to start going up more
19 than what we have been projecting.

20 MS. BROCKWAY: I'm absolutely not
21 following this because it sounds as if it's --
22 what's being driven -- what's driving this
23 calculation of the need for the increase is
24 some pre-thought percentage difference between

1 this year and next year. I still don't
2 understand why you just don't take 10 million
3 dollars off going forward.

4 MS. BUI: Let me see if I can
5 restate what your intent is. Correct me if my
6 understanding is incorrect. What you are
7 proposing is that instead of in year one --
8 hypothetical, instead of providing a revenue
9 increase such that it allows us to have
10 110-million-dollar target, you're proposing a
11 one-time time change so it drops it to a
12 hundred.

13 MS. BROCKWAY: One-time change?

14 MS. BUI: Well, I mean, instead of
15 five percent, it would be four and a quarter or
16 something. Whatever the number is. So at the
17 end of the waterfall, you have a Rate
18 Stabilization Fund that's at 100 million
19 dollars. And you are suggesting that in your
20 future years, that 100 million dollars would be
21 maintained.

22 MS. BROCKWAY: Other than we have
23 had some discussion about the need for
24 inflation on the fund, but -- assuming no

1 inflation on the fund.

2 MS. BUI: Yeah, let's not
3 complicate. What Prabha is pointing out is
4 that in order to make sure, okay, that you're
5 at -- let's forget inflation, that you're at
6 that 100 million every single year, that would
7 mean that you needed to have sufficient
8 revenues coming in the door to meet your
9 expenses so that you do not have to draw upon
10 your Rate Stabilization and also make coverage.

11 MS. BROCKWAY: But why would you
12 have to draw more than -- why would you have to
13 have revenues more than ten million dollars
14 more?

15 MS. BUI: It would be slightly more
16 than the ten because you would have to make
17 sure that you need -- that you're meeting
18 coverage. The ten million that you have right
19 now, that you want to decrease, it's probably
20 not ten because that assumes already that --
21 your balance to start with, right?

22 MS. CLUPPER: Because you're using
23 19 and 30 million already for the draw. So
24 there's already a structural deficit in the

1 operating currently. They bake that in. So
2 there's 19 this year, 30 million the next year.
3 And if you don't use the Rate Stabilization
4 Fund, now you could have a 40-million-dollar
5 structural deficit. Now you can't touch your
6 Rate Stabilization Fund. So the idea is to get
7 out of this structural deficit situation so
8 that the Department charges rates sufficient to
9 cover operating and the debt. And that when
10 that debt increases, that's only going to
11 increase, which is another reason you want to
12 increase the amount of debt that you're
13 borrowing, so that in 20 years from now you
14 don't have a situation where you have to charge
15 1.2 times coverage -- well, I don't want to do
16 the math, but it doesn't work.

17 MS. BUI: I think Kathy's point is
18 right on. If we do not have a situation where
19 the Department was in a structural deficit
20 every year, then what you're proposing could
21 theoretically work out. But unfortunately we
22 do have a structural deficit, so there are
23 drawdowns on the Rate Stabilization Fund.

24 MS. BROCKWAY: I'm not getting the

1 math, other than the observation that costs
2 will go up in the future.

3 MS. CLUPPER: If you're using 19
4 million as in the model to -- from the Rate
5 Stabilization Fund, that means you have -- you
6 don't have 19 million dollars in your
7 operating. That's where you're using it. So
8 that's a structural deficit.

9 MS. BROCKWAY: I understand and I
10 understand that structural deficits are bad.
11 But what I don't understand is why the
12 structural deficit explodes if you start ten
13 million dollars lower.

14 MR. JAGT: You're setting rates in
15 the one year -- to achieve revenues to reduce
16 Rate Stabilization by 10 million. So in order
17 to do that, your revenues don't meet your
18 revenue requirements by that 10 million
19 dollars. So the next year it's the same
20 situation, the rates you set will come up 10
21 million dollars short. So the only way to
22 counter that and leave the, you know -- you
23 know, end up not using it anymore is you would
24 have to push up the rates to have that 10

1 million dollars back in.

2 MS. BROCKWAY: Yeah. And that's
3 what I was assuming that -- and that's because
4 costs go up.

5 MR. JAGT: Yeah. I mean, it's
6 compounded by the fact. So if you're making
7 large withdraws from Rate Stabilization already
8 and you add more to it, that just of -- you
9 either need big reductions in cost or the
10 increases in the revenues -- to, like,
11 neutralize it to stop the draws.

12 MR. BRUNWASSER: If you had no
13 inflation though, you know, if you had zero
14 inflation for the next two years, if that was
15 the projection, you know, your thing would work
16 out. Drop --

17 MR. JAGT: Well, you would still
18 have --

19 MS. CLUPPER: Every year you have
20 200 some million dollars --

21 MR. BRUNWASSER: Yeah. Yeah.
22 Yeah. But I'm saying as far as --

23 MR. JAGT: But even if you had no
24 inflation because you set up the first year to

1 under recover 10 million dollars, you would
2 still have to bump up the rates the next year
3 and year two to make sure you capture that 10
4 million, otherwise the Rate Stabilization will
5 continue to decrease by 10 million dollars a
6 year.

7 MS. BROCKWAY: Yeah. And I agree.
8 I just don't understand -- I think we're
9 talking at cross purposes. Because -- you may
10 want to brief this.

11 MS. BUI: I was going to say, I
12 think that would be easier.

13 MS. BROCKWAY: Any questions?

14 MR. BALLENGER: No.

15 MS. BROCKWAY: Anymore questions?
16 Anymore redirect? Thank you very much, Panel.
17 It's been an education.

18 MR. DASENT: We have Mr. Palladino,
19 if you just give us a moment to make the
20 transition.

21 MS. BROCKWAY: Yes.

22 (Pause.)

23 MS. BROCKWAY: We have the
24 testimony of James Palladino for the Department

1 and mercifully, your testimony is fairly short,
2 and we will try to keep your time in that chair
3 fairly short today.

4 Mr. Dasent, do you want to --

5 MR. DASENT: Yes. We marked for
6 identification Mr. Palladino's statement five
7 yesterday and we're proffering him as our
8 witness today. Obviously we have a panel here,
9 so if he needs assistance, we are here.

10 MS. BROCKWAY: All right then.

11 MR. DASENT: Thank you.

12 MR. BALLENGER: Good afternoon, Mr.
13 Palladino.

14 MR. PALLADINO: Good afternoon.

15 MR. BALLENGER: I really wanted to
16 focus on Exhibit JP-2 of your testimony for a
17 couple minutes. And I have reproduced that in
18 PA hearing Exhibit-1. But I believe he may
19 need the exhibit because there's another page
20 that follows it. I asked Mr. Dasent to loan
21 you his copy of the exhibit.

22 So you state on page one of your
23 testimony that one of your purposes was to
24 provide a comparison of rates, is that correct?

1 MR. PALLADINO: Yes, it is.

2 MR. BALLENGER: Looking at Exhibit
3 JP-2, I think you have done just that, you have
4 given us a comparison of rates and charges
5 between the Department and the number of other
6 cities?

7 MR. PALLADINO: Yes.

8 MR. BALLENGER: And I just want to
9 make sure I understand, on your chart
10 Philadelphia, you showed the current average
11 usage at 7159 per month, but that reflects the
12 first stepped increase that's being requested
13 in this case, am I right?

14 MR. PALLADINO: That's correct.

15 MR. BALLENGER: And I'm on page 20
16 of Public Advocate Exhibit-1, which is
17 reproduced from Mr. Palladino's testimony, but
18 we'll also look at page 21 in just a moment.

19 I notice, Mr. Palladino -- and the
20 reason I notice this is that I grew up in
21 Louisville, so my eyes were immediately drawn
22 to the footnotes where you reference a couple
23 of other utilities, and none -- I just want to
24 make sure none of those -- you're not using any

1 of those utilities as comparison utilities for
2 purposes of your chart?

3 MS. LABUDA: It's Melissa LaBuda.
4 May I speak, please? So in this chart, we
5 inadvertently left the City of Louisville as a
6 footnote and did not -- I'm sorry, City of St.
7 Louis and we did not include it.

8 MS. BROCKWAY: St. Louis or
9 Louisville?

10 MR. BALLENGER: Both.

11 MR. PALLADINO: Both. Both.

12 MR. BALLENGER: As well as, I
13 believe, New Orleans and San Antonio, is that
14 correct?

15 MS. LABUDA: It's an error on our
16 part. We didn't update the footnotes. I
17 apologize.

18 MR. BALLENGER: Okay. So just --

19 MS. BROCKWAY: Excuse me. Update
20 the footnotes. Do you mean update the chart?

21 MS. LABUDA: No, I think we would
22 update the footnotes. We would remove the
23 footnotes if we were to provide an updated
24 Exhibit JP-2 with references to cities that are

1 not important portrayed graphically at the top.

2 MS. BROCKWAY: With reference or
3 without reference? I'm not following.

4 MS. LABUDA: Sure. So JP-2 has
5 footnotes for a few cities that aren't
6 portrayed in the graph under comparable monthly
7 water, wastewater and stormwater rates. To
8 update JP-2 properly, I would remove the
9 footnotes and not change the list of cities
10 that are portrayed in the graphic at the top.

11 MS. BROCKWAY: I don't think you
12 need to refile it. I think we understand that
13 the footnotes --

14 MR. BALLENGER: No, it's okay.

15 MS. BROCKWAY: Excuse me, the
16 footnotes are not to be considered part of the
17 analysis?

18 MS. LABUDA: Correct.

19 MR. BALLENGER: Fair enough. Thank
20 you.

21 MS. BROCKWAY: So this would be
22 footnotes two and three which refer to
23 Louisville and St. Louis?

24 MR. DASENT: Yes.

1 MR. BALLENGER: I believe, Madam
2 Hearing Officer, it would also refer to the
3 reference in footnote one to New Orleans and
4 San Antonio.

5 MS. LABUDA: That is correct.

6 MS. BROCKWAY: All right. Maybe it
7 would be easier, Andre, if you would be so kind
8 as to file a revised JP-2 which takes out Ms.
9 LaBuda's changes.

10 MR. DASENT: Will do.

11 MS. LABUDA: Happy to.

12 MR. BALLENGER: And I guess based
13 on the discussion here, you and the Department
14 collaborated to put together this exhibit, is
15 that fair?

16 MR. PALLADINO: That's correct.

17 MR. BALLENGER: Okay. Just would
18 like to turn to the next page in the exhibit
19 and just -- I just wanted to ask a couple of
20 questions here on this exhibit. This is page
21 21 of --

22 MS. BROCKWAY: Mr. Palladino?

23 MR. BALLENGER: Public Advocate
24 hearing -- I did front and back here, so it's

1 this one. Philadelphia compares favorably --

2 MR. PALLADINO: Yes.

3 MR. BALLENGER: -- nationally.

4 That's the title of -- I think that's probably
5 true in a number of ways. I just -- I notice
6 that in this presentation, would you agree that
7 Philadelphia has been placed sort of between
8 Indianapolis and Baltimore in terms of its
9 comparators there?

10 MR. PALLADINO: Yes, sir.

11 MR. BALLENGER: And that placement
12 would not then reflect the first year of rate
13 increase, because if that were factored in, the
14 rate would be 7159, as opposed to 6743?

15 MR. DASENT: Subject to check.

16 MR. BALLENGER: Okay. And looking
17 at this -- and just sort of comparing back and
18 forth between your exhibit and the exhibit the
19 Department has included here, and I believe
20 this was the presentation to the Board on
21 February 22nd. Do you also notice that
22 Portland, Oregon was added to page 21 and was
23 not included in your comparison?

24 MS. LABUDA: That is -- may I

1 answer, Jim? Melissa LaBuda. Yes, that is
2 correct. Because in the page that's not here
3 in this packet, we added Portland, Oregon on a
4 separate breakout which demonstrated
5 stormwater. So to normalize peers between what
6 was on the stormwater table and what was on the
7 broader national comparison, we did, in fact,
8 add Portland to the table that's on page 21 of
9 43 of Public Advocate Exhibit-1.

10 MR. BALLENGER: And then, Ms.
11 LaBuda or Mr. Palladino, wouldn't it also be
12 true that you added Norfolk, Virginia and
13 Detroit to the page -- what I'm showing is page
14 21? Those are not included in JP-2? They are
15 included in the presentation that was given to
16 the Board?

17 MS. LABUDA: That is correct, for
18 the same reasons.

19 MR. BALLENGER: Okay.

20 MS. LABUDA: For stormwater.

21 MR. BALLENGER: And just to be
22 clear, the City of Cleveland appears in neither
23 of these two presentations, isn't that correct?

24 MR. PALLADINO: Yes.

1 MR. BALLENGER: Okay. Thank you.
2 That's all I have. Short and sweet. That's
3 actually all I have. If Mr. Delaney or Mr.
4 Helbing has anything, I appeal to them, and of
5 course to our Hearing Officer and the Board.

6 MS. BROCKWAY: Thank you. Do any
7 other parties have any questions?

8 MR. DELANEY: I have no questions.

9 MR. HELBING: No.

10 MS. BROCKWAY: Any redirect?

11 MR. DASENT: Nothing more.

12 MS. BROCKWAY: Nothing more. Thank
13 you. Thank you very much, Mr. Palladino. You
14 are excused.

15 MR. PALLADINO: Thank you.

16 MS. BROCKWAY: So we're done for
17 the day. Go off the record.

18 (Discussion held off the record.)

19 MS. BROCKWAY: Tomorrow morning we
20 start with our public hearing at the City
21 Council chambers at 8:30. We will be out of
22 there by 10:00 and come back to the Gas
23 Commission room where we were yesterday and
24 start as soon as we can all collect. And we'll

1 start with Mr. Morgan and when we have finished
2 Mr. Morgan, we will turn to the stormwater
3 witnesses. Anything else? Seeing none, thank
4 you very much. We're off the record.

5 (Hearing adjourned 1:45 p.m.)

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C E R T I F I C A T I O N

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

SUSAN A. HURREY, R.P.R.
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Philadelphia Water Department Rate Board Hearing
April 6, 2016

A	actual 12:2 37:2 44:23	23:20,22 24:9	147:12,14	aligned 40:2 78:18	107:12 113:8	149:13 151:4	111:16
A.M 1:5	59:21	adjusting	agencies	alignment	130:15,18	anybody	argument
ability 47:12	104:23	23:9 37:2,9	40:15 90:15	79:21,23	143:12	104:3	89:16
51:21 90:16	105:1	71:5	91:6 96:1	Allen 4:17	amounts	110:14	108:20
130:24	actuals 86:22	adjustment	97:1,1	5:11 42:20	16:12 60:15	anymore	arose 127:14
able 46:4,9,17	add 11:16	18:20 19:23	98:12 113:5	42:21 43:2	63:5 77:9	56:18	arrangeme...
47:20 50:1	12:13 36:5	66:22 79:11	113:24	43:13 44:7	77:10,10	135:15	36:11
51:16 52:1	73:4 85:13	79:13 128:3	117:19	44:14 45:9	78:23 81:23	144:23	aside 103:1
52:13 87:19	133:16	adjustments	132:4	46:16,24	82:1 100:16	146:15,16	115:17
87:23 89:6	145:8 153:8	6:7 14:6	133:17	48:15,22	ample 94:19	anyway 97:13	128:12
111:10	added 152:22	20:4 24:23	134:2 137:5	87:9,14	analysis 4:15	126:24	asked 52:11
128:21	153:3,12	31:11,16	agency 91:4	88:8,11,23	10:11,12	128:24	58:19 89:13
absolutely	adding 39:3	36:22 37:1	99:3 113:20	89:4,12	17:7,23	apologies 3:8	100:12
90:9 133:11	52:7	37:5,14,15	130:22	99:10,17,21	18:10 19:10	apologize	147:20
140:20	addition	37:16,18	131:12	101:7	20:7,21	94:7 95:18	asking 18:1
accepted	91:21	56:4 64:3	132:22	103:12	21:23 22:2	107:3 120:2	54:10,23
108:4	additional	65:10 70:5	133:2	107:10	23:5,13	128:19,20	65:14 71:4
accommoda...	9:21 12:4,4	79:10 102:3	134:14	109:16	25:1 27:3	149:17	74:23 84:6
55:6	13:22 17:21	108:17	agency's	129:7,15	27:19 31:17	appeal 154:4	84:10 86:20
accompanied	20:8,21	112:13	131:4	allocated	40:7 41:11	appear 6:8	90:19 91:3
111:1	21:21,24	119:22	agent 47:1	126:19	60:18 78:4	appears	91:5 95:10
account	22:8 25:9	125:20	aging 7:20	allocating	78:5 80:12	34:16	aspects 10:6
37:20,21	25:13,17	adjusts 36:21	agree 6:3,18	79:14	131:19	153:22	assessment
85:23	26:22 27:24	administrat...	7:15 9:14	allowed 56:10	150:17	appended	7:12 65:9
101:13	28:14 35:19	58:2	10:2,19	allowing 6:10	and/or	17:18 20:16	81:11
102:20	36:5 82:5	admit 135:18	16:9 36:22	allows 7:8	156:22	application	asset 115:5
103:9	105:11	advanced	36:24 37:5	141:9	Andre 125:7	17:24	assistance
107:22	125:19	118:19	37:16,18	amend 39:7	151:7	applied 22:11	49:11 147:9
accrue	Additionally	126:5	38:17 39:11	AMI 119:7	Ann 5:10	apply 156:20	associated
123:13	46:6	advice 105:6	42:19 63:8	119:21	annual 39:15	appointed	42:17
accurate 10:8	address 42:16	advised 105:8	64:10,15	annually 7:23	123:8	47:2	assume 89:10
31:15 97:7	51:16 52:6	advisor 90:8	71:13 88:6	48:4 103:16	answer 11:15	appointment	92:19 97:9
97:9	98:18	112:21	95:20 111:3	122:3,17,19	17:3 74:6	48:18	assumed
accurately	102:16	Advocate	146:7 152:6	122:20	102:4	appreciate	122:20
31:18 156:5	103:15,19	11:19 13:7	agreed 37:7	123:17,20	122:15	55:3 67:17	123:1
achieve 16:20	addressed	13:23 15:8	44:16 128:4	124:14	126:1,5,18	approach	assumes
63:14	53:17	15:9 32:23	agreement	125:11,15	AMI-related	42:19 93:4	39:18
144:15	addressing	32:24 33:9	35:23 36:3	126:1,5,18	119:1	appropriate	142:20
acknowledge	10:14	33:11,13,18	47:8 48:2	AMI 119:1	answering	6:6 41:8	assuming
89:11	adequacy	33:19 34:18	55:22 56:3	amortized	129:23	appropriat...	35:16 68:16
acknowledg...	74:7	37:11 63:18	56:9 126:7	39:13,16	answers 5:15	25:12	88:5 112:13
89:13	adequate	69:8 76:22	agreements	amount 13:10	anticipate	approved	141:24
acronym	73:18 74:2	77:5 104:16	36:2 44:19	13:23 15:9	78:12	53:9	145:3
97:18	74:8 118:2	105:21	71:23	17:12 23:7	111:12	approximat...	assumption
Act 38:22,23	130:16	148:16	ahead 14:5	45:3 61:16	120:22	64:11 74:20	81:4 93:4
46:12 51:9	131:10	151:23	34:3 89:24	63:18 64:9	anticipated	APRIL 1:4	105:2 127:1
51:10	adjoined	153:9	126:11	64:18 68:19	111:14	Arch 1:9	130:13
action 134:20	155:5	Advocate's	alerted	69:7,15	120:3	area 93:23	137:15
134:21	adjust 116:3	12:18 38:10	125:17	88:16	anticipating	areas 53:17	assumption-6
activated	adjusted	108:11	algorithm	103:10,16	79:11 80:22	78:11 84:23	2:19
51:17	22:12,13	affect 82:19	67:20	106:16,23	80:24	85:16 93:19	assumptions
activities	23:12,16,16	afternoon	align 29:1		Antonio	94:5,7	31:2 55:9
126:9,19			78:19				59:13 108:3

Philadelphia Water Department Rate Board Hearing
April 6, 2016

119:24	120:19	16:3 33:8	109:1,4	110:7	bigger 97:23	152:20	112:10
120:10	B&V's 80:13	33:15,21	110:13,23	123:13	137:7	153:16	146:10
121:20,23	B&Vs 80:11	41:20 53:24	111:5,9	beginning	bill 125:21,21	154:5	briefed
122:12	back 5:3	54:1,10,15	118:15	26:17,23	billing 18:21	bolster 135:2	135:20
124:19	11:11 13:19	54:22 55:5	127:4,10,13	28:5,8,12	19:24 37:15	135:3	briefly
attached 4:20	47:6 50:17	55:13,20	146:14	29:14 30:14	bills 125:22	bond 4:9 10:7	110:17
26:1 35:7	50:18,21,21	56:21 57:1	147:12,15	69:9 75:10	binding 71:22	12:10 13:10	briefs 103:15
57:15	58:20 63:9	57:14 58:9	148:2,8,15	115:22,23	binds 35:24	15:3 39:13	bring 4:22
attachment	66:6 72:10	58:14 59:4	149:10,12	116:2,3	bit 2:10 54:4	39:16 44:19	125:15
34:24	76:21 77:2	59:15 60:9	149:18	behold 105:1	63:3,9	46:12 47:7	bringdown
attention	78:4 92:9	60:22 61:12	150:14,19	believe 9:3	78:17 87:8	47:11 93:22	104:18
17:2,16,22	92:11 98:14	61:22 62:7	151:1,12,17	12:21 13:1	99:8 126:3	96:14	brink 10:17
39:6 63:19	98:18	62:10,19	151:23	36:17 37:23	Black 4:19	102:23	11:14
72:8 77:21	104:12	63:1,8,16	152:3,11,16	54:17 55:20	5:8 10:15	107:7,13	broader
au 121:12	115:16	64:8,14	153:10,19	57:2,4	17:19 18:10	bondholder	153:7
authority	124:13	65:2,4,13	153:21	71:24 87:9	20:5 23:1,4	bondholders	BROCKW...
90:10	145:1	65:24 66:5	154:1	94:4 147:18	23:4,19	87:8	1:16 2:4,24
authorize	151:24	66:15,20	Baltimore	149:13	24:13 25:23	44:16 47:3	3:4,13,19
96:20	152:17	67:11 68:15	152:8	151:1	26:11 27:23	47:14 48:3	3:23 4:10
automatical...	154:22	68:23 69:6	based 6:20	152:19	28:6,13	48:13,18	4:14 5:1,3
63:23 64:2	backwards	69:13,22	7:12 9:12	believes	29:4 30:24	bonds 47:2	8:5,18 9:4
69:17	114:22	70:12,22	10:18 12:1	47:20	31:5,8,10	47:24 87:18	9:10 11:8
available	bad 132:18	71:7,12	12:17 14:19	benefit 6:13	54:6,11	109:11,14	11:11 12:19
10:9 40:14	144:10	73:12,15,23	17:10 18:9	43:9 48:3	55:7,10	Boodie 97:10	13:2,11
40:20,21	bake 143:1	74:1,17,24	21:6 23:24	120:13,16	56:7 57:8	books 79:9	14:9 15:17
41:2,9	balance 14:14	75:11,14	68:4 70:2,8	121:8	57:13 59:13	91:22	15:21 16:2
43:17 47:13	14:18 17:12	76:1,8,14	79:1 80:19	122:13	60:11,12	booming	16:22 18:13
48:13 73:1	26:18 28:5	76:16,19	81:3 83:6	benefits	67:17 69:17	85:16	18:22 23:22
74:2 95:8	28:8,12	77:4,14,20	86:22 87:1	118:23	70:7,8,20	borrowing	24:10 25:10
95:14,15	29:14 30:8	78:7,16	87:2 89:7	122:7,9	81:24 83:6	143:13	27:1,8,21
96:9,22	30:14 62:6	79:18,20	93:20 96:11	benefitted 6:9	86:14	bottom 26:7	29:20 30:12
97:14 98:7	68:19 69:2	80:2,6,21	96:20 97:24	BERNARD	104:19	31:18 98:6	30:16,22
99:11	69:9 75:10	81:3,8,13	105:5 107:1	1:17	115:22	98:13	32:16 33:2
average	94:18,19	81:17,20	110:2	best 41:14	116:18	112:18,19	33:12,16
37:19,24	95:2 107:16	82:10,13,22	116:24	49:20 53:6	block 79:4	114:20	34:2,5,13
38:14 84:17	112:19,20	83:3,9,15	121:19,22	53:12 90:5	BMD 17:9	115:9,11,15	34:22 35:5
84:17,21,23	115:15,22	84:2,8,16	151:12	90:20,23	board 1:3,18	115:20	35:11,14
85:3 148:10	115:23	86:20 87:7	basic 54:5	91:9,18,24	2:6,7 4:24	121:9	36:12,15,19
averages	116:2,3,5,6	88:2,20,24	basically 8:13	98:10	40:12 57:10	breach 94:13	42:9,24
86:13	129:1 131:7	89:6,14,18	17:24 18:8	better 60:4	57:24 106:5	break 49:13	44:5 49:5,7
avoid 7:17	131:10,10	89:22 90:1	24:2 28:2	103:3	108:23	53:20,22	53:18,20,23
111:10	140:10	90:18 91:1	31:7 52:20	beyond	113:23	110:17,20	56:6,12,19
awarded	142:21	91:5 92:3	100:16	119:16	114:18	110:21	56:21 58:4
137:17	balances 14:3	92:10,16	126:16	120:17	121:3 122:2	113:6	58:12 59:5
aware 63:22	21:5 22:1	93:24 94:8	128:12,17	121:3,19	122:3,4	breakout	59:10,22
84:2	26:23 61:24	95:3,12	basis 25:16	123:8	123:21	153:4	60:1,2,6
AWWA 6:23	117:22,23	98:22 99:7	38:7,16	bible 91:12	127:11,20	breaks 50:7	62:17 65:1
53:6 86:2	117:24	100:11,22	39:15 64:10	91:15	127:23	bridge 11:2,5	65:3 66:12
91:11,22	Ballard 5:11	101:3,12	70:23 71:1	bid 51:3	134:2,7,14	41:17	66:18 67:6
AWWA's	Ballenger	102:15,21	71:8 73:1,5	big 112:16	134:20,22	brief 102:17	67:15 68:12
91:14	2:11,12 3:1	103:8,13	78:4 85:22	145:9	134:23	103:19	72:2,21
B	3:8,16,21	106:1 108:7	85:23	big-picture	135:15	104:5	73:6 75:19
B&V 78:23	9:16 15:20	108:10	107:21	118:1,8	137:22	110:17	76:6,13,18

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

76:24 77:2	BRUNWA...	60:18 61:5	114:5	certifying	52:10 94:23	City's 40:3	136:3,9
77:18 84:22	1:17 145:12	calculate	carried 23:5	156:23	102:7	47:15 79:24	137:21
85:5,15	145:21	58:20 65:16	26:24	chair 1:17	chief 48:23	90:2,4 91:8	142:22
86:11,16	bucket	70:23 71:10	carry 28:14	147:2	choose 103:1	92:10,16	144:3
87:1,5	129:12	calculated	case 5:6 22:9	challenge	105:18	93:21 110:5	145:19
88:10 89:16	Bucks 7:22	69:20 70:2	22:11 44:12	131:6	131:24	City-wide	Coast 85:20
89:24 91:13	82:18	calculates	54:16 78:6	132:16	CIP 115:4	93:4,13,14	collaborated
92:7,9	budget 12:3	64:1	80:13 86:6	challenges	circling 92:11	civility 95:1	151:14
97:17 99:20	37:2 53:10	calculating	104:18,22	12:15	circulated	claims 6:16	collect 48:20
102:18	80:3,8,10	61:17	118:21	chambers	12:16	17:21 50:4	154:24
104:2,6	90:11	calculation	124:24	154:21	circumstance	50:14	collected
106:4 108:9	102:19	66:24 67:2	127:20	chance	84:13	clarification	44:23 88:16
108:19	106:15	68:8 79:17	135:23	127:21	circumstan...	68:21 127:6	column 13:7
109:2,6,13	107:16,16	89:5 136:2	148:13	129:20	46:1	clarified	13:24 29:15
109:17,20	107:19	140:23	cases 77:24	change 39:19	citation 54:23	128:22	74:13 77:7
110:11,14	126:11	calculations	cash 16:5,11	46:1 63:4	cite 91:17	clarify 27:9	77:22
110:18,21	131:7,9	29:9 31:14	17:8 18:9	65:22 82:1	93:12 99:2	100:19	columns 15:8
111:20	budgets	92:18	19:8,21	95:21 121:7	120:9	126:3	77:7
112:2,7	53:13	call 31:9	20:5,6 21:2	132:16	cited 41:5	class 46:11	combination
115:11	130:17	60:23 91:19	22:15 23:12	138:15	78:14 90:5	82:15	118:1
117:7,11	132:20	called 19:8,12	25:2 31:17	139:10	90:14,19	120:20	combined
118:14,16	Bui 5:10 6:15	28:19,20,21	34:18 61:7	140:10	91:9 130:20	Clean 51:9	12:7,23
119:12,19	7:1 85:18	34:17 44:17	63:14 88:14	141:11,13	cites 53:6	clear 20:13	come 40:18
120:12	86:14,21	45:12 60:11	131:3,4	150:9	91:24	31:3 55:15	49:6,7
121:1,11,16	87:3,6	130:4	133:3,13,20	changed 78:9	cities 148:6	61:13 67:8	51:14 52:4
122:22	91:11,14	capacity	cash-on-hand	changes 4:7,8	149:24	72:2 82:17	102:5
123:14	92:6,15,21	94:19	130:19	11:18 31:9	150:5,9	85:3,6	109:10
124:12,17	141:4,14	capita 85:22	Casino 36:1	31:13 66:13	citing 85:2	87:10 95:18	110:24
126:2,22	142:2,15	capital 7:9	catch 135:5	66:15 80:20	120:5	109:8	117:11
127:8,11	143:17	16:5,11,12	causes 114:21	151:9	city 1:1 32:13	153:22	124:5
128:6	146:11	50:20,23	115:10	changing	39:1 43:7	Cleveland	144:20
129:16	build 139:14	51:2,5	116:9	126:8	44:15,21	153:22	154:22
131:20,23	building	52:16	cave-ins 50:7	charge	45:10,12,14	close 2:19	comes 45:2
133:10,24	139:15	100:18	CD 59:23	143:14	46:2,4,6,9	79:9	47:9 60:3
135:18	built 124:18	101:13	central 5:22	charges 46:3	46:11,16	CLS 113:4	118:6 129:8
136:7	128:4	102:20	CEO 49:2	48:21 87:22	47:5,6,12	Clupper 5:10	comfortable
137:14	bulk 52:22	103:3,9	121:7	91:10 143:8	47:19 48:1	28:2,11	134:9
138:4,23	bump 146:2	114:12	124:16	148:4	48:19 53:8	39:11 40:10	coming 11:23
139:4	burden 58:5	115:2	certain 31:24	chart 21:9	78:21 87:16	40:11 73:7	32:18
140:20	business	116:17,22	36:6,7	148:9 149:2	87:21 88:12	73:8,13	122:18
141:13,22	50:18	130:10	67:21,23	149:4,20	90:8,11	90:7,23	123:3 142:8
142:11	118:21	capture 79:6	86:17,18	check 59:19	92:13,24	91:3 95:4	comment
143:24	business's	79:7,11	96:24	64:13,14	93:1,2,18	95:10,17	26:14 42:18
144:9 145:2	50:17	146:3	116:18	65:19 66:2	98:20	97:19 99:4	95:11,11
146:7,13,15	by-products	captured	123:10	66:3 80:17	103:17	101:15	96:22
146:21,23	51:22	5:12 80:15	certainly 35:3	107:10	109:24	109:19	commercial
147:10	C	capturing	41:13 44:8	109:19	110:2 113:6	112:12,17	50:13,15
149:8,19	C-1 19:8,10	117:2	134:16	133:4	116:17	115:14	Commission
150:2,11,15	C 2:2 156:1,1	carbon 51:17	certification	152:15	124:6 125:7	116:13	39:5 154:23
150:21	25:2 28:20	care 78:12	156:19	chemical	137:1 149:5	117:5,10,13	commissioner
151:6,22	28:24 29:2	93:17	certified	51:18	149:6	128:23	49:2 113:2
154:6,10,12	29:2,3,4,13	123:24	103:17	chemicals	153:22	133:16	113:7 114:3
154:16,19	30:18 34:18	carefully	certify 156:3	36:5 51:20	154:20	134:19	128:17

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

20:13,16,23	96:11	127:23,24	deliberations	132:24	45:8 76:9	39:1,2,3	130:13
21:8,21	database	137:6	40:14	134:9	Detroit	47:8,10,23	distinguish
22:4,19	97:3	decisions 67:7	delinquencies	137:23	153:13	48:2	33:13 34:1
24:19 26:6	date 80:14	decline 38:4	125:23	143:8,19	development	disclosures	distress 10:17
26:13 27:4	95:6 110:3	83:5,11,20	demonstrate	146:24	127:19	39:7	11:14
27:6 31:22	Dave 5:9 28:7	83:24 84:4	22:23 46:9	148:5	devices 86:7	discovered	document
32:14 33:23	David 112:5	84:12,20	46:17	151:13	dictate 68:6	60:14	27:12 34:5
34:3,11,12	112:6	85:12,22	demonstrat...	152:19	differ 93:23	discovery	119:24
34:21,23	day 51:8,8	86:10 87:4	47:19 153:4	Departmen...	difference	54:19,23	122:12
35:9,15	113:7	declines	demonstrates	5:24 16:10	72:23 77:9	100:12	130:4
36:14,17,20	136:20	131:13	25:14	16:14,18	108:22	118:20	documentat...
37:13 38:15	154:17	declining	demonstrat...	24:13 33:21	138:24	127:14,22	20:20 40:16
39:17 40:5	day's 130:19	39:9	31:15 81:1	33:23 35:22	140:24	discuss 8:14	documents
41:10 42:5	days 47:4	decrease	denominator	77:11 78:24	differences	8:14 50:5	59:2
42:14 43:11	48:8,11	19:24 26:20	140:1	80:9 93:20	85:9 104:21	61:12	Dodd-Frank
44:9 45:7	125:19	38:5 142:19	DEP 36:2	95:20,22	125:13	101:24	38:22
46:14,21	131:4 133:3	146:5	department	100:24	different 3:15	discussed	doing 50:23
48:12,22	134:12	decreased	1:2 2:9 6:5	112:21	8:19 14:12	37:20 52:2	110:4
52:24 53:14	de-leverage	24:3	7:6,16 8:3	114:6	24:14,15	74:18 75:1	123:10
54:9,13,17	106:21	decreases	10:16,21	131:16	30:23 41:3	86:3 111:17	126:20
55:1,12,14	de-leveraging	18:19 84:18	11:13 13:23	departments	92:12	discusses	140:1
55:24 56:8	118:11	84:21	23:18 33:20	92:13	135:15	95:22	dollar 66:8
56:16 57:6	deal 122:1	deductions	34:8 36:9	129:10	136:1	discussing	71:5 80:17
57:19 58:14	dealing 8:22	8:2	37:4,12	depend	differential	34:17 58:7	138:24
59:3,9,14	deals 4:8	default 12:17	40:1 45:11	102:13	130:16	discussion 5:2	139:11,17
59:19,24	dealt 8:21	15:16 44:13	52:5 63:10	dependent	difficult 74:6	11:10 31:20	dollars 28:9
60:5 66:21	60:14	45:6 46:23	64:21 65:5	29:10	digging 41:3	33:1 34:4	70:17 74:12
68:3 72:6	debated	47:4 48:9	65:7 67:3	depending	96:23	35:13 53:19	74:15,21
94:2 104:4	123:18	48:14,16	72:7 77:15	24:7	diligence	56:20 65:11	116:7
104:8	debt 22:24	88:1	78:1,9,22	depends	125:12	75:5 77:1	129:18
110:16,22	24:6 40:6	defensible	78:22 82:6	71:19,21	direct 5:13	92:8 101:20	136:8
111:13	44:10 45:4	10:10	82:23 92:14	84:12 111:9	9:20 12:19	112:15	137:16,18
112:1,4,10	45:20 46:8	deficit 135:4	92:20 93:2	depicts	33:3 48:19	121:14	139:8 141:3
116:11,24	46:18,19	135:11,16	93:8 94:11	100:14	77:21	127:19	141:19,20
117:9,15	47:22,22	137:12	94:13,17	deposit	108:13	141:23	142:13
118:12	63:15 64:9	142:24	98:2,20	101:14	111:8,11	151:13	144:6,13,19
119:9,16	64:11 65:16	143:5,7,19	101:10	103:10	112:11	154:18	144:21
121:15	65:20 69:16	143:22	105:7	deputy 50:21	156:22	discussions	145:1,20
124:2,15	70:9,13,19	144:8,12	106:21	derive 96:6	directed 5:17	110:3,5,22	146:1,5
128:16	71:9 75:4	deficits	107:20	description	6:15 100:13	128:3,5	door 88:14
146:18	87:11 88:17	144:10	109:21	47:16	direction	disinfection	142:8
147:4,5,11	93:20 95:21	defined 131:3	113:12	descriptions	23:23 24:15	51:22	downgrade
147:20	95:23 96:16	definition	114:9,11	41:5	directly 93:5	displays	118:7
150:24	100:2,2,3	103:9,13	115:1,4,21	desired 63:11	93:9,14,17	63:20	downgrades
151:10	104:24	degree 10:5	118:2,4,11	63:15	director	dispute	133:2
152:15	133:18	Delaney	118:22	detail 27:11	110:6	118:20	draft 18:9
154:11	143:9,10,12	103:21,23	119:3	details 96:5	disagrees	122:1	drastically
data 10:9	decided 67:8	154:3,8	120:14	determinati...	65:8	127:15	134:17
19:9 30:3	128:15	delay 126:24	121:21	124:11	disaster	disputes	draw 132:4
35:1 40:7	decimal 3:1,3	delays 121:5	123:16	determine	136:24	125:21	142:9,12,23
40:13,14	70:24 72:13	121:7	124:13	39:20 76:3	disclose 48:7	disputing	drawdowns
41:8 60:23	decision 58:1	deliberation	130:5,7,15	89:7 106:8	48:10	125:4	143:23
60:24 83:13	58:2 68:9	98:4	131:6,24	determined	disclosure	distinct	drawn 63:19

Philadelphia Water Department Rate Board Hearing
April 6, 2016

148:21 draws 145:11 drinking 51:9 51:18 drive 133:8 driven 40:23 41:7,7 74:9 75:13 97:4 97:11 140:22 driver 29:2 drives 51:5 driving 140:22 Drop 145:16 dropped 30:11 Dropping 22:19 24:19 26:6 drops 141:11 drought 84:24 drought-im... 85:21 due 7:9 25:13 26:19 41:24 79:15 125:11	138:16,21 138:22 140:16 efficient 86:7 efforts 10:22 53:12 eight 7:23 26:8 120:1 120:18,19 either 82:1 103:22 145:9 electric 37:7 37:9 121:24 123:17 125:14 128:1 electricity 102:7 electronic 55:11 59:16 eliminate 9:24 eliminated 14:21 22:6 71:20 eliminates 17:21 eliminating 35:18 elimination 12:3 19:24 25:12 embarrassi... 2:15 embedded 60:15 emergencies 131:11 136:21 emergency 51:1 107:23 EMMA 97:19 employees 79:8,16 enable 87:23 enacted 46:8 enacting 46:7 encouraged 127:18 encumbran... 22:14	end-of-year 17:11 ended 25:18 ends 124:22 energy 86:7 engineering 46:10 47:18 116:19 ensure 46:3 87:22 94:19 94:23 114:24 130:15 131:12 entered 47:8 54:21 55:22 enters 48:2 entire 55:23 92:6 entirely 96:2 entities 96:5 entry 60:23 60:24 68:10 environment 39:4 EPA 36:2 equate 71:2 equation 107:20 equations 67:22 equipment 103:2 equivalent 7:22 Erin 112:4 errata 2:14 2:16,16 3:11 4:5 12:22 14:20 30:1,3,5,10 31:23 33:3 33:17,22,24 34:6,14 57:16 61:10 61:19 62:2 error 2:14 3:12 60:14 60:24 61:18 149:15 escalation 9:22 12:2 22:12 36:21	37:6,8,9 especially 29:14 78:13 essential 134:6 essentially 96:3 establish 31:19,21 81:11 96:11 established 42:23 43:4 43:5 69:14 establishing 91:1,10 estimates 6:21 92:19 estimating 37:3 evaluate 125:24 event 46:22 48:6,9,13 evidence 46:13 156:4 exact 19:22 27:19 45:13 84:9 105:9 exactly 8:8 45:18 112:23 example 8:19 15:1,7 30:4 38:2 62:1 85:20 86:1 91:23 101:13 121:2 139:6 examples 22:22 exceeds 113:16 excess 65:17 77:11 129:7 129:11 exchange 39:5 59:16 excluded 26:2 excluding 26:5 exclusion 21:19 Excuse 11:8	13:2 18:13 42:9 86:16 149:19 150:15 excused 154:14 executive 48:23 exercise 22:6 exhausting 27:11 exhibit 15:1 16:13 18:1 18:2,6,17 27:13 33:5 34:10 54:16 54:21 56:13 61:3 67:5 72:4 104:15 104:16 147:16,19 147:21 148:2 149:24 151:14,18 151:20 152:18,18 Exhibit-1 32:21,22 33:9,24 34:12 36:13 76:22 77:6 104:16 147:18 148:16 153:9 Exhibit-2 32:23 34:15 130:3 131:14 Exhibit-3 33:7,11 34:20 61:4 117:12 Exhibit-4 33:19 Exhibit-5 120:1,19 exhibits 33:14,14 36:16 115:12 exist 57:23	114:4 existed 44:2 existing 23:10 24:1 expect 78:13 82:3 expected 8:8 expecting 114:6,19 expects 37:4 expenditures 22:10 26:21 100:18 expense 39:15 77:23 102:4 120:10 128:1 expenses 12:1 12:4,6 22:11 35:22 39:21 44:24 70:4 71:20 82:5 93:10 94:20,21 100:1,1,17 101:6 102:5 102:8,13 105:21 108:12,15 124:4 132:9 132:13 135:10 142:9 expensive 51:19 experience 97:13 105:7 108:5 123:16 experienced 117:18 experiencing 84:24 explain 3:14 4:18 27:15 29:22,24 123:23 129:21 explaining 57:21 explodes 144:12	extended 101:18 extent 43:20 48:5 61:23 71:14 100:8 128:9,10 129:20 137:16 extremely 112:21 eyes 148:21	<hr/> F <hr/> F 156:1 face 12:15 98:20 133:1 faced 38:21 faces 82:6 facilities 36:4 facing 132:9 fact 8:24 12:14 15:13 16:4,17 21:1 26:21 32:6,7 53:6 53:9 54:18 61:15 66:10 67:12,13 68:8 69:20 70:2 75:1 76:2 79:15 80:13,15,17 94:22 106:17 113:13 133:4 145:6 153:7 factor 18:21 20:1 37:15 37:15 106:12 factored 152:13 factors 9:22 9:23 12:2,3 22:12,12 36:21,22 37:1,2,6,10 92:17 96:4 106:12 125:24 fading 76:7 fair 59:3 112:1	121:14 150:19 151:15 fairly 49:19 147:1,3 fall 136:17 falling 113:18 135:21 falls 129:2 far 6:17 38:13 113:19,20 116:14 126:3 145:22 faster 47:5 favorably 152:1 feasibility 46:10 February 152:21 feel 67:23 132:17 fiercely 123:18 fifth 119:8 128:10,13 figure 53:4 72:13 102:10 122:2 125:1 125:5 file 151:8 filed 13:21 18:16 25:5 52:5 119:13 126:4 filing 14:5 34:1 40:8 52:12 119:15 finance 110:6 financial 5:10 5:24 7:5 8:3 10:4,17 11:14 36:10 38:20 47:15 47:16 90:8 91:17,23 92:1 95:1 107:24 113:15
---	--	---	--	--	---	---	---	--

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

120:15	84:4 88:13	flows 9:8	39:17 77:7	79:15 88:15	137:20	32:24 33:17	123:12
121:5 130:5	88:16,18	102:12	77:15,22	94:18 99:9	future 6:17	34:3 35:11	125:1,8
130:6	89:1,2	134:11	120:6 132:2	99:14,15,18	47:21 78:15	53:18 56:19	126:11
131:17	101:11	flux 128:9	141:15	99:22	82:2 87:17	72:10,14	127:24
133:15	102:5 108:1	focus 112:14	four-and-a...	100:16	92:19 112:6	75:19 76:15	131:2,3
financially	120:4,6,7,8	114:15	138:18	101:1,1,4,5	112:6	76:24 84:14	132:1,4,13
132:19	120:17,20	118:9 124:6	frame 123:6,6	104:14	137:18	84:15 89:17	132:20,21
find 8:20	129:10	147:16	123:10	105:16	141:20	89:24 92:7	133:7,8,12
76:23	130:14	focusing	125:18	106:10,20	144:2	97:14 98:14	133:17,18
fine 59:4 60:1	132:20	75:16	frankly	107:2,5,9	FY 22:10	98:15 100:4	133:19,20
89:18	133:14	112:22	134:22	107:12,17	37:8 78:4	100:9,10,16	134:3,10,15
finish 94:2	five 3:17 4:7	folks 49:17	free 67:24	112:19		100:17	134:16,17
finished 17:3	22:20 23:1	follow 8:7	fringes 78:12	115:19,20	G	104:6	134:19,21
155:1	24:11 59:9	58:3 129:17	93:17 94:22	116:5,6	G 2:2	105:13	135:14
first 3:7 5:17	59:11 90:17	following	front 133:6	117:23	gap 11:2,5	106:9	136:10
13:18 29:18	116:16	120:4	151:24	128:20,23	Gas 154:22	110:19	137:5,6,7,8
32:20 33:8	118:10	140:21	fully 124:7	128:24	general 10:7	116:19	137:20
40:12 46:11	119:5 132:2	150:3	135:19	129:3,5,9	13:10 35:24	119:4,5	138:1,3,5
72:12 99:12	138:17	follows	156:5	129:14	44:18 71:23	120:9 124:6	138:20
99:24	139:8,9,14	147:20	functionally	130:5,11	85:11 93:21	125:7,8,11	139:15
104:20	139:22	footnote	106:16	131:2,10,10	96:3 99:23	127:20	140:14,18
106:12	141:15	149:6 151:3	fund 11:4	132:5	100:5	134:18	141:3
126:4	147:6	footnotes	14:1,3,10	133:18,20	102:23	135:10	143:10
139:21	five-year 7:7	148:22	14:13,18	133:21,23	107:6,13	137:20	146:11
140:6,14,15	37:24 40:3	149:16,20	16:5,10,23	135:1,3,14	115:13	140:11	good 24:16
145:24	53:7,8	149:22,23	17:11 21:3	136:12,15	generally	144:2 145:4	51:20
148:12	78:11,17,19	150:5,9,13	21:5,13,24	136:18,19	113:21	154:17	113:19
152:12	90:3,4,8,12	150:16,22	23:3,14,15	136:19,20	generate	goal 65:20	147:12,14
fiscal 2:9 6:10	91:8,17	footway	24:9 26:18	137:23	44:22 98:5	74:11,15	govern 68:7
6:17,20	92:11,17	52:17	26:23 28:4	141:18,24	generated	goals 130:6,8	graph 150:6
10:23 13:8	93:5 94:1	forecast 6:6	28:12 30:8	142:1 143:4	45:19 63:23	131:16	graphic
15:9,11,14	94:11,14	7:7 111:12	30:14 32:10	143:6,23	69:16	goes 75:8	150:10
20:8,9	109:9 110:1	forecasts 6:1	35:24 41:12	144:5	generates	98:18 99:18	graphically
21:15,16	110:4,7	6:8	41:17,22,24	fundamental	88:13	100:9	150:1
24:11 27:13	fixed 7:24	foregoing	42:7,16,18	29:3	getting 23:12	111:10	great 76:18
41:24 43:18	flawed 5:20	156:19	42:22 43:3	funding	49:15 122:3	126:2	122:1
43:21 44:4	5:23 8:24	forget 142:5	43:17,20,23	16:11	124:1	going 8:11,12	123:22
44:7,8,11	9:15 10:3	FORMAL	43:24,24	130:16	127:15	15:23 18:22	134:4
44:24 45:4	fleet 93:7,7,8	1:6	44:3,3 45:2	funds 14:12	143:24	33:13 41:3	greater 66:10
45:17 47:1	flexibility	forth 6:22	50:4 61:24	21:13 51:2	give 5:15 8:12	42:24 44:4	79:14
51:14 53:2	111:14	104:12	62:5 63:2,6	51:15 68:11	15:17 19:4	44:5 46:4,5	103:16
53:10 63:17	flooded 49:13	118:24	63:11 64:5	71:17 73:19	58:23 104:8	53:4,20	grew 148:20
64:17 68:18	Floor 1:9	122:7	64:19,20	74:2,19	111:5 120:8	58:23 76:3	grossly 94:12
69:7,14,23	flow 17:8	152:18	66:9,9,16	99:11,16	146:19	76:14,23	105:21
70:13,21	18:10 19:8	fortunate	68:10,17,17	100:15	given 30:2	80:17 87:17	106:2
71:16 74:9	19:21 20:5	51:15	69:1,3,10	105:11	37:22 78:13	87:19 98:19	108:12,15
74:14,16,22	20:6 21:2	Fortunately	70:6 71:15	114:12	111:4 128:8	105:13,15	ground 76:15
74:24 75:9	22:15 23:13	77:17	71:23 73:10	126:6,15,17	148:4	106:9,24	growth 132:21
76:10 79:2	25:2 31:17	forward 46:5	73:17,19,20	126:19	153:15	108:19	growth 7:24
79:5,6,12	34:18 61:7	53:13 141:3	74:3,8,13	128:21	gives 49:9	110:10	82:16,20,23
80:3,7,10	63:14 68:11	four 10:6,22	74:19 75:2	further 75:20	giving 114:13	111:5	84:15
80:11,14,16	100:15	22:4,5	75:2 76:5	96:12	go 4:1 5:1,3	113:10	guess 151:12
81:18,18	107:22	23:12 24:3	78:14 79:1	134:18	5:16 6:10	114:8,16,22	guidelines
					11:8,11		

Philadelphia Water Department Rate Board Hearing
April 6, 2016

91:16 guys 58:24	1:16 2:5,13 33:9,11 34:12,15,20 36:13 54:2 61:3,4 76:22 77:5 95:6 102:21 104:16 108:7 147:18 151:2,24 154:5,20 155:5 156:6 heater 49:15 heaters 50:12 50:12 Helbing 103:22 104:1 154:4 154:9 held 1:14 5:2 11:10 33:1 34:4 35:13 53:19 56:20 77:1 92:8 154:18 help 52:14 56:22 58:1 135:6 helpful 18:24 27:10 32:19 55:18 90:18 94:9 high 10:5 125:22 higher 22:1 24:18 38:21 39:3 40:22 40:22 74:21 79:13 82:4 82:9 86:9 93:10 94:21 96:16 114:8 118:7 hired 79:8 historical 6:5 40:1 historically 6:1 113:2 hold 3:5 30:4 hole 101:19 holistically	36:8 65:8 Honor 5:5 Honor's 55:16 honored 55:3 hopefully 5:15 hoping 114:19 hot 49:17 50:11 hours 125:19 house 49:15 50:12 housekeeping 2:10 4:4 huge 51:4,11 97:2 115:4 hundred 106:15 107:15 130:11 131:8 134:10 136:1 137:6 137:24 138:7,10 141:12 HURREY 1:11 156:13 hypothetical 137:15 139:7 141:8	27:7 38:2 immediately 148:21 impact 26:3 35:18 38:3 121:23 126:23 132:3 140:5 impacts 7:9 impinges 74:7 implementa... 35:17 120:3 120:22 121:6,6 122:18,21 123:1 124:14 implications 130:23 importance 121:2 important 20:23 23:8 23:21 38:3 42:21 43:2 49:12,23 68:8 98:3,9 98:13 101:24 113:1 124:21 127:6 129:22 131:11 134:8 138:14 150:1 impose 48:20 improve 130:24 improveme... 117:21 improving 130:22 inaccuracies 62:24 inaccurate 94:12,13,15 inaccurately 21:18 26:24 inadequate 127:17	inadvertently 149:5 inappropri... 96:10,20 99:1 include 20:21 29:4 82:5 84:23 85:16 88:14 99:5 149:7 included 13:21 17:9 21:24 25:16 25:23,24 28:1 29:6,7 32:1 56:13 60:19 81:23 96:6 99:5 152:19,23 153:14,15 includes 47:15,18 57:21 81:22 85:18 92:18 103:14,14 including 26:4 27:24 35:4 inclusion 17:10 56:11 inconsisten... 13:15 14:21 19:13 26:9 31:24 32:3 61:7,9,24 inconsistency 25:21 inconsistent 15:12 incorrect 14:8 62:22 141:6 increase 2:8 6:11 7:14 7:18,18 10:24 20:19 24:1 38:24 41:18,19 42:1 49:9 51:13,24 52:23 60:15 61:16 71:8 95:22 114:9	114:11 116:14 132:8 134:23 137:16 139:9,19 140:23 141:9 143:11,12 148:12 152:13 increased 20:3 21:11 24:2 26:20 38:16 68:19 69:3,11 70:3 98:5 increases 6:12 11:21 17:6,9 20:7 20:11 21:19 25:14,23,24 29:5,8,9,12 29:16,17 42:3 60:19 60:21 64:4 84:18,21 137:3 138:13 139:22 140:4,15,18 143:10 145:10 increasing 106:22 139:20 incremental 79:13 117:21 incremental... 106:22 118:11 131:1 incurred 46:19 indemnity 50:4 independent 90:10 113:23 Indianapolis 152:8 indicate 68:5	indicates 4:6 16:9 44:10 111:15 indicating 16:19 31:24 indication 110:2,9 indications 39:8 indulge 4:23 indulgence 55:16 industrial 50:16 industry 6:22 38:13 83:8 83:13,21 84:1,17 90:5,20 91:7,9 121:24 123:17 125:14,14 inflation 137:19 141:24 142:1,5 145:13,14 145:24 inflationary 130:12 information 39:20 40:19 41:2,9 48:4 59:16 87:10 95:8,14,15 96:7,7,8,18 96:21,22 97:5,8,13 118:22 124:9 informed 128:17 infrastruct... 7:20 49:21 98:19 118:19 inherent 90:10 113:23 Indianapolis 152:8 indicate 68:5	insert 4:12 instance 97:10 insurance 10:7 44:15 44:18 insurer 44:19 integrity 10:5 intend 136:5 intended 42:6 intensive 115:6 intent 29:7 141:5 intention 110:3 intentionally 102:19 interest 21:4 21:12,20,22 22:1 25:19 104:12 interested 129:22 interesting 92:22 internal 25:21 53:10 113:3 internally-g... 114:12 interpretati... 57:11 interrupt 8:6 9:11 108:20 introduced 46:13 investment 79:12 investor 113:5 investor-ow... 98:16 investors 97:16 98:12 98:15 113:19 invoices 102:6 involved 113:4 irresponsible 116:21
----------------------------	---	---	---	--	---	--	--

Philadelphia Water Department Rate Board Hearing
April 6, 2016

issuance 38:17 39:9 46:8 47:7 issue 39:13 39:14,16 47:11 52:3 52:4 72:10 72:11 87:17 106:8 126:4 127:19,22 128:7,9,11 134:6 issuer's 90:15 issues 8:17 22:18 52:6 56:24 61:1 61:14 72:7 item 18:5 22:18 23:12 25:21 29:11 30:8 items 35:21 62:20 70:9	James 146:24 jeopardy 51:21 105:24 118:5 Jim 153:1 jobs 50:23 51:3 journal 86:2 journals 86:1 JP-2 147:16 148:3 149:24 150:4,8 151:8 153:14 Jr 33:4 judgement 114:17 juice 116:8 jumping 34:2 juxtaposed 3:18	knew 113:6 know 7:2 43:6,8 44:2 45:12,18 46:12 47:15 53:16 71:11 72:18 76:6 86:4,7 93:19 96:24 98:1 108:21 109:6 112:20 113:13 114:1,3,7 114:14,18 114:21 115:1,5,6,8 116:8,16,16 119:19 124:8,8,24 125:6,16,18 126:16 127:2,7 129:23 134:12,12 136:20,21 136:22 137:4,10 144:22,23 145:13,15 knowledge 90:3 kudos 114:14 Kumar 5:9 10:4 16:7 19:4 21:6 23:8,24 24:16,21 25:20 26:11 28:16 29:24 30:13 31:5 57:21 58:17 60:17 61:5 61:21 62:4 62:8,13,15 62:18,23 63:7,13 64:6,13 65:18 66:2 68:21 69:5 69:12,19 70:1,18 71:4,10	72:17 73:3 73:22,24 74:5,22 75:6,12 83:4,12,19 84:6,9,20 85:1,8 122:10,15 122:17,24 138:8 139:3 139:6 <hr/> L <hr/> labor 8:1 LaBuda 5:8 5:18,21 6:4 6:15,19 7:12,16 8:21 10:15 10:20 12:14 12:21 13:5 33:20 35:19 35:20 38:18 38:19 39:22 39:23 41:15 41:16,21 53:3,5 65:7 71:19 72:5 78:8,21 79:19,21 80:5,9,24 81:6,10,15 81:19 82:3 82:12,21 89:3 92:22 94:4,16 100:13 101:23 102:23 105:5,19,23 106:11 107:6,11 108:10,16 109:12,24 117:17 119:23 120:15 121:4 122:10,16 124:15 130:3 131:22 132:6 133:11	149:3,3,15 149:21 150:4,18 151:5,11 152:24 153:1,11,17 153:20 LaBuda's 7:2 11:15 151:9 lack 96:21 Lafayette 33:4 language 45:13 large 7:9 145:7 layer 71:21 lead 52:3,3,6 52:9,14 lease 93:3,4,6 leave 144:22 leaves 16:17 leaving 70:6 left 3:2 19:7 20:5 26:22 28:21 29:9 29:10,12 30:7 60:21 129:4 149:5 legal 35:23 36:1,11 40:23 41:4 41:7 42:16 54:13 71:22 97:12,22 105:6 legally 64:16 97:11 105:8 107:6 legally-req... 71:16 75:3 87:11 let's 11:8 24:11 32:14 33:16 34:3 34:7,13 63:1 72:2 76:15 106:5 110:18 138:13 139:8,11,22 142:2,5 level 42:2	63:23 138:12 140:17 levels 16:19 63:12 leveraged 106:18 liability 79:15 life 39:13,16 lightly 97:5 limit 51:23 limited 103:17 111:23 limits 43:11 line 2:16 3:9 13:1,6 14:1 14:16,16,17 15:10,18,20 15:21,24 16:7,8,16 16:22,24 18:17 19:17 19:19 20:2 20:2 21:9 21:14 22:4 22:5,17,18 22:19 23:1 23:6,11,20 24:2,3,11 24:19 25:2 25:20 26:3 26:8,13 27:13 28:3 28:11 29:11 29:13 30:8 30:12,13,14 31:18 62:4 62:5,7,11 62:20 63:5 63:19 65:1 65:2,17,21 66:11 68:18 68:20,22 69:2,7,21 70:3,4,9,17 70:19 71:9 74:14 75:8 77:7,21 79:20 81:23 88:24 98:6 98:13 112:18,19	114:20 115:9,12,12 115:15,21 115:21 121:9 lines 20:19 24:23 26:16 26:16 52:4 52:7,14 104:20,21 liquidated 22:13 liquidity 133:22 list 3:5 150:9 listed 2:16 listening 117:1 little 2:10 4:4 46:21 54:4 57:20 63:2 63:9 78:17 87:8 90:2 92:12 99:8 126:3 134:16 live 50:2 lived 50:20 LKM 19:8 28:18 31:10 34:18 60:20 LKM-1 12:15 12:24 13:13 13:20 16:16 19:12 20:14 20:15 21:18 23:7 25:11 26:1 27:2 28:1,3,22 28:23 29:1 29:4,15 30:6,19 34:19 44:10 57:17 60:19 61:6 62:21 62:24 63:3 63:17 81:22 89:1 115:17 117:8 lo 105:1 loan 43:22 52:15 147:20	LOCATION 1:9 logic 135:21 136:10 long 50:22 87:11,14,15 87:15,16,19 87:20 90:16 109:17 117:6 long-range 7:5 116:22 118:10 long-term 117:3 123:11 125:8 longer 37:24 109:22 110:1 116:16 119:4 look 7:4,6 15:2 16:1 24:5 28:3 29:14 30:10 53:3,13 80:13 85:19 90:15 91:22 97:14,22 98:10 104:20 112:17,18 115:3,17,19 121:7 125:3 125:4 126:18 133:17,18 133:19,20 134:20,21 137:7,8 148:18 looked 30:9 115:14 looking 12:23 13:1,6,7 16:22 18:4 27:12 33:2 41:4 42:3 45:10 52:15 53:7 63:17 64:8 83:22 86:12 87:4
<hr/> J <hr/> Jagt 5:9 11:7 11:16,17 13:18 14:13 14:21,22 15:19,23 16:4,8 17:1 17:4,15,19 18:2,7,15 19:3,16,18 19:19 20:15 20:18,24 21:1,10,23 22:5,21 24:20,21 25:11 26:8 26:15 27:2 27:5,17,22 28:10 30:17 32:5 36:20 36:23 37:14 37:17 64:1 76:19 77:6 77:13,17,19 78:3 82:22 83:2 100:19 101:2 119:13,18 144:14 145:5,17,23	<hr/> K <hr/> Kathy 5:10 39:10 117:18 Kathy's 143:17 Katz 112:5 keep 34:13 51:6 53:15 105:16 106:10 107:4 112:8 133:3 134:3 139:20 140:12 147:2 kerfuffle 118:18 127:13 key 10:6 94:16,24 kind 83:20 112:18 114:22 116:4 124:17 129:4 137:10 151:7 kinds 85:10	134:12,12 136:20,21 136:22 137:4,10 144:22,23 145:13,15 knowledge 90:3 kudos 114:14 Kumar 5:9 10:4 16:7 19:4 21:6 23:8,24 24:16,21 25:20 26:11 28:16 29:24 30:13 31:5 57:21 58:17 60:17 61:5 61:21 62:4 62:8,13,15 62:18,23 63:7,13 64:6,13 65:18 66:2 68:21 69:5 69:12,19 70:1,18 71:4,10	41:16,21 53:3,5 65:7 71:19 72:5 78:8,21 79:19,21 80:5,9,24 81:6,10,15 81:19 82:3 82:12,21 89:3 92:22 94:4,16 100:13 101:23 102:23 105:5,19,23 106:11 107:6,11 108:10,16 109:12,24 117:17 119:23 120:15 121:4 122:10,16 124:15 130:3 131:22 132:6 133:11	20:5 26:22 28:21 29:9 29:10,12 30:7 60:21 129:4 149:5 legal 35:23 36:1,11 40:23 41:4 41:7 42:16 54:13 71:22 97:12,22 105:6 legally 64:16 97:11 105:8 107:6 legally-req... 71:16 75:3 87:11 let's 11:8 24:11 32:14 33:16 34:3 34:7,13 63:1 72:2 76:15 106:5 110:18 138:13 139:8,11,22 142:2,5 level 42:2	63:23 138:12 140:17 levels 16:19 63:12 leveraged 106:18 liability 79:15 life 39:13,16 lightly 97:5 limit 51:23 limited 103:17 111:23 limits 43:11 line 2:16 3:9 13:1,6 14:1 14:16,16,17 15:10,18,20 15:21,24 16:7,8,16 16:22,24 18:17 19:17 19:19 20:2 20:2 21:9 21:14 22:4 22:5,17,18 22:19 23:1 23:6,11,20 24:2,3,11 24:19 25:2 25:20 26:3 26:8,13 27:13 28:3 28:11 29:11 29:13 30:8 30:12,13,14 31:18 62:4 62:5,7,11 62:20 63:5 63:19 65:1 65:2,17,21 66:11 68:18 68:20,22 69:2,7,21 70:3,4,9,17 70:19 71:9 74:14 75:8 77:7,21 79:20 81:23 88:24 98:6 98:13 112:18,19	114:20 115:9,12,12 115:15,21 115:21 121:9 lines 20:19 24:23 26:16 26:16 52:4 52:7,14 104:20,21 liquidated 22:13 liquidity 133:22 list 3:5 150:9 listed 2:16 listening 117:1 little 2:10 4:4 46:21 54:4 57:20 63:2 63:9 78:17 87:8 90:2 92:12 99:8 126:3 134:16 live 50:2 lived 50:20 LKM 19:8 28:18 31:10 34:18 60:20 LKM-1 12:15 12:24 13:13 13:20 16:16 19:12 20:14 20:15 21:18 23:7 25:11 26:1 27:2 28:1,3,22 28:23 29:1 29:4,15 30:6,19 34:19 44:10 57:17 60:19 61:6 62:21 62:24 63:3 63:17 81:22 89:1 115:17 117:8 lo 105:1 loan 43:22 52:15 147:20	LOCATION 1:9 logic 135:21 136:10 long 50:22 87:11,14,15 87:15,16,19 87:20 90:16 109:17 117:6 long-range 7:5 116:22 118:10 long-term 117:3 123:11 125:8 longer 37:24 109:22 110:1 116:16 119:4 look 7:4,6 15:2 16:1 24:5 28:3 29:14 30:10 53:3,13 80:13 85:19 90:15 91:22 97:14,22 98:10 104:20 112:17,18 115:3,17,19 121:7 125:3 125:4 126:18 133:17,18 133:19,20 134:20,21 137:7,8 148:18 looked 30:9 115:14 looking 12:23 13:1,6,7 16:22 18:4 27:12 33:2 41:4 42:3 45:10 52:15 53:7 63:17 64:8 83:22 86:12 87:4

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

87:18 98:2	96:16 113:8	33:9 56:13	116:17,21	19:17 58:17	137:16,18	9:15 10:2,2	98:7,18
114:4,17	131:9 135:7	61:2 147:5	124:12	mercifully	137:24	10:5,12	100:24
115:7	136:16,22	market 38:20	126:8	147:1	138:10,10	17:24 18:11	102:12
117:20	136:23	39:6 47:9	134:13	met 45:21	138:24	18:14,14,16	129:4 135:6
120:20	maintained	48:7,10	136:11	87:12,15,20	139:5,8,11	18:19 19:6	136:17,23
125:24	51:7 137:24	material 46:1	141:14	88:1,19,21	139:17	19:9,15,21	moneys 43:16
135:12,12	141:21	48:5,9	142:7 145:5	89:11 100:1	140:2,7,13	20:5 21:14	99:17,21
148:2	maintaining	materialize	149:20	meter 52:18	141:2,18,20	21:17 22:14	101:3
152:16	95:1 130:10	121:10	means 18:6	82:15,20	142:6,13,18	22:16 23:1	month 102:8
losing 49:10	maintains	materially	24:4 116:7	124:23	142:23	23:19 24:13	102:9,9
122:7	16:15	78:9	135:1,7	metering	143:2 144:4	25:1,15,22	116:12,12
loss 82:18	maintenance	math 66:3	139:18	118:19	144:6,13,16	26:19 27:19	148:11
121:13	36:4	67:4,4,12	140:16	methodology	144:18,21	27:21,23	monthly
123:9	major 7:21	67:16,16	144:5	78:10	145:1,20	28:18,19	150:6
losses 50:6	53:17	68:7 71:2	156:21	metric 130:19	146:1,4,5	30:18,19	months 51:3
lost 7:21	majority 61:1	73:13,14	median 40:22	metrics 105:9	mind 42:12	31:2,4,7,7,8	53:11
lot 40:15	making 8:2	75:15 81:3	41:6 96:8,9	migration	104:11	31:10,11,13	Morgan 6:16
43:14 49:9	8:18 31:9	89:9 116:4	96:14 97:10	86:5	128:24	32:9 38:5	8:2 9:2,24
75:15,16	31:13 59:23	143:16	99:1,3	million 7:23	129:3	54:6,20,24	10:16 11:12
92:12,17,18	67:7 84:3	144:1	medians	20:8,9	minimum	55:8,10,17	13:14 15:4
97:3 98:1	90:6,21,22	mathematic...	40:18 41:5	21:15,16	15:14 78:23	55:23 56:2	16:9 17:8
104:20,21	92:2 96:10	10:12 31:17	96:4,6 97:5	23:17,18	94:18 95:1	56:22,24	17:20 19:7
109:7	96:17	65:18,19	98:9 133:5	24:12,17	106:16	57:3,5,8	27:4,5
Louder 91:13	108:21	66:22 67:20	meet 7:20	25:3,4,6,7	107:3,4,11	58:10,21	31:23 33:4
Louis 149:7,8	136:4	71:24 75:13	12:4 36:3,7	27:14,14	107:18	59:13,18	36:20 37:13
150:23	138:14	mathematic...	43:21 51:9	28:5,6,9,13	130:14	60:11,13,16	38:15 39:18
Louisville	145:6	10:8 14:7	64:22 65:6	28:14 29:19	131:21	60:20,23	40:5,18
148:21	manage	31:14 62:20	71:15 74:10	30:7,11	minute 96:3	61:16 63:22	41:11 42:5
149:5,9	63:11	62:22,23	74:11,12	64:10,12,20	minutes 1:6	63:24 64:3	54:20 56:4
150:23	106:13	64:12,23	75:3 81:2	64:23 65:23	147:17	65:11,15	57:9,12
low 133:22	130:19	67:21 69:5	105:9	68:20,24	mirror 130:8	66:9,12,19	58:6,10
134:3	management	69:12 70:10	107:23	69:4,11,21	misheard	69:17,20	61:15 63:4
lower 11:23	5:11 91:18	70:22 75:6	118:3 129:9	70:6,16,20	82:17	70:8,14,20	63:20,24
12:1 13:9	91:23 92:1	76:9 81:1	142:8	71:2,5	mislead 50:24	71:18 81:21	66:13,19
24:17 29:21	93:7,8,9	112:14	144:17	72:11,13,19	missed 94:7	81:24 82:4	67:13 70:5
131:5	111:18	mathematic...	meeting 1:6	72:24 73:12	missing 34:23	83:6 115:16	95:7,14
132:10	managing	115:9	8:3 12:10	73:16,20	93:19 94:4	144:4	108:16
133:9,10	90:13	mathematics	36:9,10	74:4,12,15	misspoke	modelling	111:16
134:24	105:24	67:18	87:21 94:23	74:20 75:7	95:18	10:5	155:1,2
144:13	112:23	matter 2:7	142:17	76:11 80:17	Missy 135:9	models 26:10	Morgan's
<hr/> M <hr/>	mandates	31:12 49:18	meets 10:6	81:24 82:1	mistake 29:3	26:24 30:23	5:19,21
MI 91:14	7:21 36:8	128:11	113:15	107:7,9	mistaken	modification	7:12 9:13
MA 97:19	38:21,24	156:6	Melissa 5:8	108:1,3	5:20 9:2,3	60:12	15:2 16:6
ma'am 17:1	manual 6:23	matters 52:20	149:3 153:1	115:23,24	mitigate 6:11	modifications	18:8 28:5
18:16	53:6 91:11	McCarty	member 1:18	116:4,7	7:8 42:2	55:9	31:1,6
Madam 2:13	91:14,21	49:3,6,8	106:5	120:6,7,8	43:7 140:5	moment 72:9	35:17,20
54:2 102:21	92:5,6	53:1 124:20	mention 19:2	120:23,23	mitigated	89:20 104:9	42:14 44:9
151:1	March 55:11	126:15	mentioned	129:18,24	41:19	120:9	49:1 55:8
mail 55:11	mark 34:16	mean 9:17	13:16 25:18	130:1,12,14	MMO 79:24	146:19	57:14 59:12
main 49:13	34:19 35:2	78:20 80:22	31:22 40:12	132:1,17,19	MO 97:15	148:18	60:12 63:21
50:7	36:15	82:7 86:16	78:8 99:13	133:8,13	model 5:19	money 23:14	64:17 65:8
maintain	marked	97:1 106:11	113:15,24	134:10	5:22 7:13	43:20 44:2	71:18 72:3
49:20 94:17	32:18,22,23	113:16	mentioning	136:8,13	8:24 9:13	71:15 74:8	73:18 74:3

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

76:11 81:22	50:20 51:8	120:13	55:9 59:9	144:1	127:10	72:12	8:7,8,10,16
82:4 88:3,7	51:11 52:10	121:8,13	59:11 61:14	obtain 64:15	135:12	130:18	8:20,23
88:21 95:5	52:19 67:9	122:7,8,13	74:20 81:14	obtained	142:4	142:4	10:14 17:18
98:24	71:8 72:17	123:3	81:16 85:2	54:19	149:18	144:16	34:9,16,24
108:13	73:16 75:21	neutralize	86:3,18	obtaining	150:14	ordinance	35:8,16
112:13	75:22 85:6	145:11	93:11 105:4	110:6	151:17	6:24 10:7	39:18 53:17
115:24	94:23	never 29:6,7	105:4 107:1	obvious 52:19	152:16	13:10 43:13	outlooks
morning	107:21	136:12,15	107:8	67:9	153:19	43:14 44:18	133:1
33:18,24	109:7 110:4	new 30:1 46:8	114:21	obviously	154:1	45:11,16,22	outperform
68:14	119:4,5,10	51:3 53:1	120:1,19	45:16	once 12:16	46:7,11,20	113:18
154:19	123:23	80:15 82:9	129:24	108:20	45:24 48:16	47:1 99:23	outperform...
move 32:14	125:7	149:13	130:1,2	147:8	56:17 99:14	100:6	105:8
49:4 70:24	126:17	151:3	141:16	occasions	99:17,21,24	102:24	outperform...
72:12 74:4	127:2,9,21	newspapers	148:5 152:5	54:7	100:15	103:11	113:12
Moving	128:14	85:24	numbers 3:19	occur 37:4	one-time	107:7,13	outside
10:13 35:15	130:18	nine 16:7,8	19:2,18	occurred 48:8	141:11,13	Oregon	124:24
39:17	131:9,11	20:19 26:13	27:15,18	occurrence	one-year	152:22	overall 38:5
MSRB 97:16	135:6,24,24	27:13 29:11	29:1,19,21	48:8,11	124:22	153:3	overrule
multiple	136:15,21	29:13 30:8	29:23 31:16	51:17	ongoing	organizations	106:4
106:12	136:23	88:5 89:9	64:17 66:7	occurs 48:6	102:8	40:17 97:2	overspent
123:18	137:2 138:2	100:14	75:17 81:20	October 82:8	107:21,23	97:3	102:10
municipal 7:4	139:13	nodding 33:6	82:8,9 88:7	102:12	operating	organized	overstated
38:20 39:6	140:18,23	72:15	105:13	offering	6:16 21:13	54:3	6:1 13:24
78:24	141:23	nondiscreti...	139:8	52:13	43:6 46:2	original	14:3,16
112:21	142:17	35:21 71:20	numerical	officer 1:16	51:5,7 70:4	13:19 14:4	21:2,4 22:3
municipally...	145:9	71:22 132:9	61:24	2:13 48:23	77:23 99:24	14:7,14,15	29:13 32:11
98:17	147:19	nondiscrimi...	NW 62:5	54:2 102:22	100:1,17	18:8,16	106:3
	150:12	65:10		108:7 151:2	101:5,18	19:14 20:17	overstating
N	needed 43:20	Norfolk	O	154:5	124:4 135:6	23:4 25:5	12:8,8 21:5
N 2:2 156:1	44:3,4,6	153:12	O 2:2 156:1	official 41:3	135:22	27:2 30:2	25:18 28:8
NANCY 1:16	51:17 72:14	normalize	O&M 12:6	47:10 97:15	137:13	30:20 31:1	overview 19:5
narrative	126:15	153:5	22:7,8	97:21	143:1,9	31:7 61:16	94:9
13:13	131:7	normalizing	23:11 35:19	100:14	144:7	63:3 70:14	owners 50:16
narrow 118:9	138:13	22:9	37:3,10	110:7	operating-l...	107:18	
nation 85:12	142:7	NOTARY	object 9:16	offsetting	102:4	124:18	P
national	needs 12:5	156:14	66:21 106:1	119:21	operations	127:1 131:7	P 2:2
84:20,22	60:7 98:5	note 2:13	objection	Oh 3:6 59:22	12:24 47:16	originally	p.m 1:5 155:5
85:2,19	98:19	38:3 50:9	106:5	okay 9:10	107:23	13:21 14:4	PA 147:18
86:8,12	130:15	52:2	objections	13:4,5 18:2	135:2,3	17:8 21:17	packet 153:3
153:7	147:9	noted 156:4	14:23 156:4	19:16 27:17	opinion	26:21	page 2:16 3:9
nationally	negative	notes 156:5	objectives	33:12 34:13	130:13	originating	10:17 11:13
85:9 152:3	116:6 133:1	notice 48:16	130:7,8	35:5 36:15	opportunity	44:2	13:3,6 15:3
nationwide	135:17	67:12 89:8	131:16	36:19 59:5	111:6 128:2	Orleans	15:18 16:5
38:9	negotiations	126:5,5	obligation 7:3	60:9 68:15	opposed 57:8	149:13	18:4 29:18
necessarily	8:1	148:19,20	78:24 79:4	70:12 76:18	67:1,24	151:3	30:9 34:16
49:21 52:10	neither 104:1	152:5,21	80:1 93:22	77:20 78:7	68:2,3	orthophosp...	40:8 57:22
necessary	153:22	noticed	109:23	79:18 80:6	152:14	52:8	76:23 77:5
7:14 64:18	net 24:23,24	104:14	obligations	101:2	option 124:22	outcome	100:13,14
71:14 76:5	25:14 44:22	notify 47:3	8:4 11:3,5	102:15	oral 55:2	41:14	104:17,19
101:9	44:23 45:18	number	36:10 39:21	108:6	order 7:5	ongoing	120:1,2,9
need 5:16	46:17 47:20	15:18 30:11	47:23 51:8	111:20	36:3,6 43:6	132:12,14	120:18,19
7:19 15:23	87:18 88:13	30:12,13	81:2 87:24	112:7,14	43:9 50:17	outline 4:1,5	147:19,22
24:8 31:3	89:7 103:2	33:5 54:7	103:5 118:3	115:3	50:18 70:23	4:19 5:18	148:15,18
43:7 49:4			observation				151:18,20

Philadelphia Water Department Rate Board Hearing
April 6, 2016

152:22	61:18	2:22,23	Philadelphia	119:9,14	pointing 30:2	potential 7:8	20:11,19
153:2,8,13	118:20	3:10 6:11	1:1,2,10 2:6	122:13	142:3	121:8 123:9	21:14,17
153:13	129:21	13:9 16:11	34:8 93:1,1	124:5 125:2	points 9:19	133:1	22:17 25:1
paid 45:20	particularly	16:15,21	93:18	126:9,12	19:13 25:21	potentially	25:5 26:18
109:14	49:16	32:12 38:1	113:17	131:17	123:18	125:20	26:23 27:1
Palladino	104:24	38:4,10,12	130:4	plans 91:17	policies 22:24	PowerPoint	30:21 32:8
146:18,24	parties 27:11	41:18 42:1	148:10	103:2	74:10 90:16	130:6	33:17 57:12
147:13,14	56:2 111:3	48:17,17	152:1,7	116:14	96:20	131:15	presenting
148:1,7,14	154:7	83:6 84:5,7	philosophical	plants 51:18	policy 14:23	Prabha 5:9	30:7
148:19	parts 122:12	84:10 86:17	107:14	playing	41:7 67:3	24:21	presents 15:1
149:11	party 118:16	88:17 89:9	PICA 109:11	126:16	68:6,7 74:7	122:10	15:10,11,13
151:16,22	pass 103:20	103:1,6,11	pick 129:24	pleasant	74:11,11	142:3	16:13 64:2
152:2,10	103:24	103:18	picking 83:21	50:22	75:13 96:11	practice 90:5	pressure
153:11,24	passage 3:11	106:15	picture	please 21:8	97:24 98:1	90:20,24	132:11,14
154:13,15	passed	107:15,18	112:16	54:11 58:13	98:8 114:9	91:9,18	presumably
Palladino's	101:22	130:10	117:14	65:1 67:23	114:10	92:1	137:19
147:6	116:17	131:9	137:7	89:20,24	Poor's 113:14	practices	pretending
148:17	path 127:1	138:17,18	piece 9:6	108:13	pop 97:20	53:6 91:7	72:8
panel 5:7,14	Pause 62:14	138:20	32:21 35:6	122:16	POPOWS...	91:19 98:11	pretty 67:9
53:24 54:5	89:21	139:9,10,14	pieces 32:18	139:7 149:4	1:18 35:7	pre-thought	80:18 109:8
54:11	146:22	139:16,22	pipe 52:16	plowing	104:10	140:24	previous 6:8
146:16	pay 72:7	139:23,23	pivotal 68:9	112:8	105:12,22	precipitous	24:22
147:8	100:2 101:5	141:15	place 19:1	plug 101:19	106:7,24	43:8	primarily
paper 9:6	102:5,6,7,7	percentage	26:4,5	105:4	108:6	precisely 8:12	43:5,18
32:18,21	pay-as-you...	140:24	placed 92:5	plus 44:24	128:18	predicated	print 57:23
35:6 68:5	130:10	percentages	94:13 152:7	130:12	129:13	122:19	58:10,13
papers 57:7,9	PAYGO	79:4	placement	point 3:1,3,14	population	prefer 9:18	printed 58:15
57:15,18,19	114:11	performance	152:11	8:19 11:17	50:11 52:21	premised	printing
58:7,17,19	paying 39:5	78:13 79:6	plan 10:4	13:19 17:5	85:17 86:5	17:23	59:21
58:24 59:8	93:15	79:12	40:3,4 53:8	28:17 38:1	portal 97:16	prepared	prior 79:5
59:12,17	PDF 59:17	113:15	78:11,17,19	39:8 40:19	Portland	4:20 17:19	80:12
parameters	peer 40:7,13	performed	90:3,4,9,12	40:21 64:11	152:22	104:19	106:23
24:6,6	40:14 41:8	31:18	90:16 91:8	67:7,16	153:3,8	131:18	130:9
42:17 124:8	133:5	period 51:1	92:11,17	70:23 71:1	portrayed	present 4:1	prioritization
paraphrasing	peers 131:5	53:7 86:11	93:5 94:1,6	71:8 72:5	105:10	5:6 32:12	99:22 100:5
95:7	133:3 153:5	119:1,10,14	94:12,14	72:13 73:2	150:1,6,10	66:24	private 98:16
parenthetical	Penn 112:6	119:17	107:24	73:5,8	posed 88:9,12	presentation	probably
2:19,20	Pennsylvania	121:3,15,19	109:10	75:20 88:5	position 3:2	1:2 16:17	102:16
part 4:18	1:10	121:20	110:1,4,7	88:23 89:9	47:17 67:17	20:10,14	142:19
10:1 49:23	pension 39:21	122:5,5,13	116:15,17	92:23 96:10	68:5,6	23:6 25:8	152:4
50:3 53:12	78:11,14	123:8 124:5	116:22	96:12,17	102:16	25:10,16	problem 3:16
63:14 65:11	79:1,3,6,10	124:5 135:8	119:20	97:23	105:20	32:4 57:13	27:16 55:21
98:3 101:13	79:14,24	person 121:5	120:15	101:20,24	108:11,14	57:22 73:18	57:2 72:9
103:5,9	80:15 82:9	person's	124:13	117:18	123:15	74:4 117:2	problematic
107:19	93:15,16	49:13	125:9	120:6,17,23	131:3	152:6,20	35:23 41:23
109:11	94:22	perspective	132:12,17	127:17	132:24	153:15	42:4
117:12	pensions 7:24	121:4	133:15	131:14	positions 67:3	presentations	problems
121:21	93:16	131:17	139:1	135:5 138:8	positive 90:9	14:2 27:18	32:2 59:20
129:23	people 86:22	132:23	planning 7:5	139:23	90:14	76:12	132:7
149:16	98:16 103:3	133:2	53:7,12	140:17	113:22	153:23	proceed
150:16	people's 13:3	pertains	91:17	143:17	114:2,19,24	presented	56:23
particular	33:14	55:23	116:11	pointed 22:22	possible 50:1	16:16 17:7	proceeding
7:4 8:23	percent 2:18	ph 97:10	118:10	125:7	76:23 96:13	17:11 19:12	6:7 15:6

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

39:19 40:3	19:22 26:17	25:13 26:11	108:11	qualitatively	139:7	76:5 78:6	107:15
54:8 57:2	37:19 38:11	27:23 29:5	148:16	97:4 121:19	quoted 3:11	80:12 82:16	113:3,8
118:18	78:3,10	37:2,10	151:23	quality 94:24	quoting 95:13	82:20,23	118:2
130:9	79:24 80:20	38:4,11	153:9	quantitative		88:15 90:6	130:17
proceedings	84:3 86:19	46:19 70:7	154:20	40:16,17	R	90:20,21	131:8 132:5
156:4	86:21,24	95:20	156:14	quarter	R 2:2 156:1	92:2 94:17	132:10,15
process 46:7	104:22	proposes	publicly	141:15	R.P.R 156:13	99:9,11	134:3,3
50:4,15	105:2	32:13	90:14	quarterly	rainy 136:20	100:24	136:5,10
90:10,11,12	137:10	proposing	publish 97:5	90:13	raise 43:7	101:4	137:12
113:3	145:15	11:22 68:22	published	question 5:17	89:10 113:7	104:13,22	138:2,6
114:18	projections	141:7,10	85:24 90:13	6:14 7:11	132:5 136:5	105:16	143:8
124:17	6:19 9:14	143:20	91:22 96:19	24:16 54:5	136:10	106:10,19	144:14,20
processes	10:10 21:5	prospective	pulled 18:18	54:13 56:6	138:2	107:2,4,8	144:24
36:6	40:2,2	4:15 45:15	19:21 27:19	65:14 72:22	raised 9:1	107:12,17	146:2
procurement	77:12 78:2	prospectively	purport	73:7 74:5,6	89:15	114:4	147:24
93:12,13,14	79:10,22	4:7,12	66:23	75:23 81:7	137:12	116:14	148:4 150:7
produce	80:3,7,11	Protection	purports 69:8	88:8,11	raises 123:19	117:22	rating 40:15
47:20 67:22	80:14 83:18	38:23	purpose 42:6	89:12 90:17	raising 92:23	119:16	90:15 91:4
produced	84:11 88:21	provide 57:23	73:21 99:12	91:4 95:4	range 90:16	121:15,20	91:6 93:21
96:1 110:1	94:11 110:6	96:5 120:3	99:16	95:19 99:8	97:12 108:4	122:5 124:4	93:22 96:1
110:8	113:16	147:24	purposes	100:12,20	120:22	124:24	96:24 97:1
proffered	116:19	149:23	43:4,18	104:10	rate 1:3 2:7	129:14	98:12 113:4
54:16	119:6	provided	44:1 64:20	107:14	5:19,22	130:11	113:23
proffering	123:21	18:11 19:6	69:14 71:12	108:8,23	6:11,12	131:2 132:8	117:19
147:7	projects	19:15 30:3	99:12 100:8	110:23	7:13,13,17	133:23	118:5
proffers	16:12	30:4 35:2	146:9	112:11	7:18 8:24	134:23,24	130:22
13:14	116:20	41:17 55:10	147:23	118:17	9:13,15	135:3,8,13	131:4,6,12
program	proof 67:10	61:10 78:21	149:2	122:8 123:9	10:2,2,24	136:12,15	132:3,22
49:12 52:15	proper 14:6	78:22 79:3	pursuant	123:19	11:1,4 15:5	136:19	133:2,17
115:4 121:8	17:24 42:10	87:9 100:3	59:15	126:1	22:8,10	137:1,2,15	134:2,14
programs	properly 42:3	100:9 108:3	push 144:24	128:19	23:3,14,15	137:23	137:4
7:10	55:3 150:8	108:3	pushed	136:11	24:1,8 25:1	139:9 140:5	ratings 90:21
project 37:23	properties	provides	124:13	137:9	40:7 41:12	140:10	99:3 118:7
51:1 115:2	50:2,13,13	10:11 15:7	put 57:5 60:2	questions	41:16,19,22	141:17	ratio 98:9
123:2,4,5	52:13	49:14 91:16	60:4 67:19	5:13 7:13	41:23 42:1	142:10	105:1
140:4	property	97:16	107:2 109:2	82:14 89:19	42:6,15,18	143:3,6,23	ratios 104:13
projected	49:13,14	providing	111:6	102:1	42:22 43:3	144:4,16	104:24
14:14,18	103:2	141:8	151:14	103:22,24	43:9,16,23	145:7 146:4	reach 94:6
17:12 18:18	proportion...	prudent	puts 8:2 36:8	104:2	44:14,17	152:12,14	read 119:23
21:2 22:15	79:3	37:23	132:11	108:24	45:1,2 49:9	rate-making	reading
25:15 38:6	proposal	public 5:10	putting 23:15	110:15	51:13,24	91:7,15	124:23
38:6 39:21	16:10 25:24	11:19 12:18	72:22 118:4	117:1 127:3	52:12,23	113:23	reads 4:14
120:21	95:22 124:2	13:7,23	120:14	129:19	60:15 61:15	63:2,6,10	120:2
139:13,15	propose	15:8,9	132:14	146:13,15	63:2,6,10	63:13 64:4	ratepayer 7:8
140:3	59:17	32:22,23	PWD 17:21	151:20	64:19,24	64:19,24	ratepayers
projecting	proposed 2:7	33:9,10,13	34:9,14,20	154:7,8	65:21 66:8	65:21 66:8	6:9,13
12:1 82:24	11:18,18	33:18,19	36:13 39:20	quibble 67:18	66:16 68:9	66:16 68:9	43:10 98:21
117:24	12:3,15	34:17 37:11	40:7 61:3	quickly 50:1	68:16 69:1	68:16 69:1	rates 2:8 4:15
138:19	14:4 16:18	38:10 56:8	119:24	111:4	69:3,9 70:6	69:3,9 70:6	23:10 43:7
139:13,18	16:21 17:9	56:17 63:18	120:19	quite 38:13	71:15 73:9	71:15 73:9	43:3 48:20
140:19	18:19 20:4	69:8 76:22	130:3	85:6 94:8	73:17,19	73:17,19	51:20 52:5
projection	22:7,13	77:5 104:16	131:14	quote 2:17,20	74:2,8,12	74:2,8,12	53:13 87:22
11:20 14:3	23:2,18	105:20		2:21 108:15	74:19 75:2	74:19 75:2	91:2,10
			Q				106:14
							107:15

Philadelphia Water Department Rate Board Hearing
April 6, 2016

60:24 74:6	55:15,19	redundant	96:18	repaid 44:1	112:24	17:14 75:17	99:22
105:14	56:7,9,11	8:16	region 85:9	repay 47:12	requirement	75:18 94:3	100:16
133:22	56:14,15,17	reengineer	85:10	47:21	10:1 38:24	responses	101:1,5,9
137:1	56:17,19,20	58:21	regulation	repayment	76:10	35:1,2	107:22
138:11	56:23 57:3	reevaluate	51:23	47:13	102:24	110:23	120:4 129:8
147:15	57:5,9,16	87:21	regulations	repeated	109:10,14	restabilizati...	129:8,9,9
reason 68:2,4	57:24 58:11	reevaluating	51:10	39:24	requirements	44:3	138:13,17
96:13 98:4	60:3,4,7,10	87:16	regulatory	replace 7:20	4:9 6:2 12:9	restate 141:5	139:22
98:8,14	61:3,20	refer 13:19	7:21 36:7	52:14	12:11 23:11	restriction	140:4,15,17
143:11	62:2 67:5	30:18,20	38:21 39:4	replacement	36:7 37:12	99:15	141:8
148:20	67:10 68:1	46:14 55:7	51:7	103:4,7	43:21 45:4	result 7:9	144:18
reasonable	76:24 77:1	81:21 84:16	reimburse	replacing	45:14,20	17:10 21:10	revenues 2:18
10:10	77:3 79:8	150:22	35:24	49:15 52:16	64:7 65:6	25:3,4	2:21 3:10
108:18	83:10 85:4	151:2	rejoin 111:22	report 6:24	88:18 101:9	67:23 72:1	11:3,6,20
reasonably	92:5,7,8,9	reference	relate 93:14	46:10,10	144:18	120:21	12:7,8
47:19	109:7	8:20 13:3	94:21	47:18 66:6	requires	resulting 21:4	13:22 20:4
reasons 7:19	110:19	15:24	related 50:6	77:8	45:22,23	results 21:14	20:8,22
86:4 153:18	120:6	148:22	50:10 78:23	REPORTED	46:2,16	22:14 26:16	21:2,11,22
rebuttal 4:2,5	121:18	150:2,3	93:11	1:11	107:7	30:18,20	21:24 24:2
4:18 5:6	127:16	151:3	126:12	reporter	requiring	79:2 104:23	24:24 25:9
17:18 34:7	128:5	referenced	reliable 10:9	156:23	36:2 39:7	118:7	25:13,15,17
34:8,24	154:17,18	6:23 127:14	rely 16:2	reporting	reserve 43:6	retained 23:2	26:2,5,20
35:8 53:15	155:4	128:20	106:19	86:23,23	100:4	retroactive	26:22 27:24
89:14 96:21	records 68:4	references	118:3	reports 90:13	residential	102:3	30:6 37:24
111:1	recover 11:24	149:24	123:21	representing	50:11,12	retroactively	44:22,23,23
rebutting 9:1	50:6,23	referred 54:6	relying 78:10	23:2	52:12,21	4:8,12,16	47:21 70:3
recall 75:4	146:1	referring	remain 15:6	represents	resides	retrospective	77:11,16
95:9 107:3	redirect	13:12 55:8	remained	15:16	133:22	45:15,23	87:18 88:13
recalling	104:4,5	70:18	68:17	reproduced	residual	retrospectiv...	89:7 99:23
133:7	110:16	100:21,22	remedies	147:17	14:13,18	45:17	102:11
receive 102:6	112:9,11	100:23	48:12 87:8	148:17	26:18 28:4	revenue 6:2	132:15
received 55:2	146:16	117:7	remember	reproduction	28:12 30:8	7:15,23 9:7	134:4 142:8
63:21	154:10	refile 150:12	39:12	156:21	30:14	9:24 11:24	142:13
recommend...	reduce 22:8	reflect 14:6	101:20	request 16:14	115:19	12:9 14:1	144:15,17
17:5	102:3	16:14 18:19	113:1	48:18 54:23	116:6	17:6,11	145:10
recommend...	125:19	25:12 32:7	124:21	55:2,17	128:20,22	18:18,20	review 10:18
9:23 10:19	140:2,7,8	71:8 72:6	138:14	57:4,6 59:6	128:23	19:22 20:6	41:8 46:3
12:18 13:16	140:14	79:5 86:17	remove 22:8	59:7 66:6	129:3,5	20:11 21:3	53:10 90:11
21:7 35:17	144:15	86:18,19	25:8 29:17	75:21 92:4	133:19,21	21:12,19	reviewed 6:5
35:21 41:12	reduced	152:12	35:21 61:15	requested	136:18	23:9,10,24	19:20 32:6
49:1	19:23 21:20	reflected	65:9 108:17	13:22 20:6	resolved	25:22 26:4	36:24 37:17
recommend...	21:20 22:9	19:22 21:11	119:20	20:12 55:1	118:24	29:5,8,8,12	40:1 60:10
132:24	64:21 65:5	22:2 38:10	124:4	56:3 72:18	resources	29:16,17	revised 12:24
recommends	65:15	119:14	149:22	132:11	98:6 113:1	37:12,14	14:5 18:11
15:5	reducing	reflecting	150:8	148:12	respect 10:6	43:19,21,23	18:14,14,15
record 5:1,2,4	32:11 66:16	16:20 66:7	removed	require 48:20	44:21 47:2	45:18 46:11	19:21 25:2
5:8 11:9,10	reduction	reflects 38:5	29:16	96:15	58:18	46:18 60:18	25:11 27:22
32:24 33:1	38:7,11,12	38:12	removing	required 13:9	respond 9:18	62:5 64:3,6	28:19 30:19
34:3,4	82:15	148:11	18:21	15:15 36:11	responded	64:19 66:9	31:1,6,10
35:12,13	139:11,17	Reform 38:22	renew 124:23	40:12 47:3	8:21 95:19	68:17 70:2	31:11 44:10
36:16 53:18	140:13	regard	renewal	64:15,16	responding	70:4 73:20	54:6,11,19
53:19,21	reductions	125:15	103:4,6	75:3 79:1	5:14 9:20	74:19 75:2	54:24 55:7
54:7,14	145:9	regards 15:2	reopen 128:7	82:5 103:6	response	99:13,14,18	56:1 57:11

Philadelphia Water Department Rate Board Hearing
April 6, 2016

57:16 60:10	rules 52:9	15:7 32:2	71:9 75:4	26:8	66:16 70:24	127:16	11:2,4 23:3
60:11 62:21	run 11:19,22	41:13	104:24	severe 105:23	single 142:6	130:12	23:14,15
63:4,17,22	37:3	scientific 86:1	sense 82:6,6	severely	sir 152:10	137:21	24:9 41:12
66:18 70:15	running 12:5	search 97:21	116:1	106:18	sit 91:20	152:7,17	41:17,22,24
72:4 76:12	31:2 59:12	SEC 39:4	125:12	sewer 2:6,20	136:19	sounds	42:7,15,18
151:8	76:20	second 3:6	126:21	50:7	site 97:16	140:21	42:22 43:3
revisions 12:2	125:17	6:14 8:6	sentence	share 79:3,14	situation 36:9	source 39:20	43:17,23
18:12 22:7	Russell 112:6	13:3,6 16:4	138:1	124:9	112:23	60:24	45:2 63:2,6
revisit 82:13		35:9 37:5	separate	sheet 2:14,17	123:20	sources 47:13	63:11,13
right 13:4	S	62:13 79:13	57:11,12	4:5 30:1,3,5	135:13	Spahr 5:11	64:5,19,24
18:7 19:10	S 2:2	Secondly	61:3 153:4	30:10 31:23	143:7,14,18	speak 41:20	65:22 66:8
22:5,21	Safe 51:9	43:22	separated	33:3,17	144:20	42:7 43:1	66:16 68:10
27:8,15	safety 18:21	section 4:7	126:13	34:6 61:10	six 24:20	90:7 92:21	68:17 69:1
28:22 29:15	20:1	5:18 8:23	separately	sheeted 12:23	25:21 26:3	93:6 119:10	69:3,10
32:17 33:16	salaries 93:17	10:14 32:14	34:15	shift 132:10	51:3 84:9	124:16	70:6 71:15
59:23 73:14	94:22	35:15 39:17	service 22:24	short 111:16	116:18	149:4	73:10,17,19
94:8 97:20	San 149:13	sector 95:24	40:6 44:11	117:6	skip 54:4	Speaking	74:3,8,13
103:8,11	151:4	97:24	45:4,20	144:21	sky 113:18	68:3	74:19 75:2
110:18	satisfied 88:7	Securities	46:18,19	147:1,3	slash 134:3	specific 9:19	76:5 88:15
119:18	89:9	39:5	47:22,22	154:2	slightly 70:15	14:10 46:22	94:17 99:9
124:10	savings	see 9:5 13:8	49:24 52:4	short-term	94:12	78:23 83:21	99:11 101:1
125:6,10	120:21	17:22 19:11	52:6 64:9	37:21	142:15	84:7 85:2	101:4
132:12	121:10,13	26:3 29:21	64:11 65:16	shortfall 7:15	slowly 114:7	91:19 100:6	104:13
133:5	122:4,18	33:6 39:4	65:21 69:16	9:7	small 97:2	100:7,23	105:16
134:23	123:3,7,8	45:21 49:1	70:9,14,19	show 66:10	smoothing	specifically	106:10,20
142:18,21	123:12,21	52:23 56:3	71:9 75:4	67:13,21	43:9	5:23 62:4	107:2,5,9
143:18	saw 38:24	56:10 57:10	87:11 88:17	showed 70:13	sold 47:24	83:12 91:4	107:12,17
147:10	saying 24:14	74:13 95:15	95:21,23	148:10	solve 32:2	113:14,24	117:23
148:13	28:3,4,7	96:9 97:22	96:16 100:3	showers	solving 105:3	specified	129:14
151:6	29:22 73:3	110:19	133:18	49:18	somebody	27:10	130:11
ripe 124:3,10	83:17 19,23	114:20	services	showing	3:13 58:20	speculative	131:2
rising 39:9	95:13	115:8,22	93:20 100:2	80:16,18,21	60:3 121:11	6:18 53:2,5	133:23
risk 8:3 11:19	103:18	131:12	100:2	153:13	123:22	53:11	135:1,3,13
11:22 12:5	120:12	137:11	set 4:15 6:22	shown 63:5	someplace	spend 9:22	136:12,15
12:7,10	125:4	141:4	103:1	64:9,23	29:21	22:12 36:21	136:19
37:3,11	134:14	seeing 19:5,7	106:14	68:19 81:21	SONNY 1:18	37:1 88:4	137:23
76:20 118:1	137:22	38:9,14	114:3	shows 12:17	soon 76:23	spending	140:10
121:9 134:5	138:9 140:1	49:8 72:15	128:12	21:1 37:21	154:24	10:23 51:5	141:18
road 140:17	145:22	83:7,10,20	130:7,9	74:14 89:1	sooner 44:8	130:21	142:10
roles 93:13	says 3:17	84:1 85:12	131:8	shrink 132:21	sorry 2:24	131:1	143:3,6,23
room 4:21	60:4	155:3	144:20	shut 50:20	9:10 18:3	spent 75:16	144:5,16
154:23	scary 87:12	seen 83:5	145:24	side 19:8,11	29:20 45:11	87:7 88:2	145:7 146:4
roughly	scenario	84:12 86:23	setback 51:4	27:15 28:21	70:15,16	90:1 98:1	stabilize
70:16	134:1	sees 7:14	sets 113:2	28:22 29:15	73:23 76:8	sponsoring	137:2
RPR 1:11	schedule	self-explana...	setting	30:5,5	89:22	67:1	stage 111:1
RSF 80:19	12:24 13:20	4:6	107:14	116:22	109:24	sponsors	stages 110:24
81:2 105:11	16:13,16	semantic	115:17	120:11	128:18	54:20	Standard
106:17	19:11 20:15	108:22	144:14	significant	149:6	spot 132:18	113:13
107:7,21	22:17 23:6	senior 13:8	settlement	10:22 37:21	sort 18:5	spreadsheet	standards
108:2 118:4	26:1 28:1	24:6 63:15	105:10	39:14,15	112:14	61:17	6:22 39:8
130:21	34:19 44:10	64:9 65:16	106:23	80:18 84:15	113:9,17	St 149:6,8	87:12 94:24
134:9	62:21 88:4	65:20 69:16	settles 101:11	similar 28:13	114:2 117:2	150:23	standpoint
135:22	schedules	70:13,19	seven 7:23	simply 65:14	117:3	stabilization	65:19
	13:13,17,21						

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

start 2:10 32:20 34:7 53:1,10 54:5 106:20 107:1 111:15 116:2 123:3 124:14 140:18 142:21 144:12 154:20,24 155:1	124:3 stop 52:17 145:11 Storm 2:6 stormwater 111:18 112:3 150:7 153:5,6,20 155:2 straight 18:18 19:20 Street 1:9 38:22 stress 49:9 strike 4:11 94:1 stringent 39:8 stronger 98:7 strongly 132:18 structural 135:4,11,16 142:24 143:5,7,19 143:22 144:8,10,12 104:11 stuck 117:3 stuff 58:5 101:17 stumble 134:1 subject 56:5 64:2,13,14 65:18 66:2 69:20 107:10 122:1 133:4 152:15 subjects 8:13 submission 13:20 14:7 submit 58:8 67:4 90:12 submittal 14:15,16 submitted 17:9 18:17 61:19 submitting 59:18	subscription 96:24 subsequently 14:2 21:3 substantiated 40:9 suburbs 86:6 succeeding 138:16 139:24 sue 48:19 sufficient 46:18 47:21 71:17 102:11 132:15 142:7 143:8 SugarHouse 36:1 suggest 33:10 125:13 suggested 16:19 32:8 suggesting 83:12 138:12 141:19 suggests 15:4 15:13 32:11 sum 57:17 summaries 67:23 96:3 96:6 97:6 98:3 99:5,6 summarize 18:24 summary 28:24 35:1 96:1,8,11 96:19 97:24 99:3 109:3 130:6 summations 89:17 summing 122:11 sunset 109:14 supervision 156:22 supplement 11:15 supplied 4:23 31:23 75:21	supply 52:16 58:11 76:17 supported 95:24 98:9 supporting 20:20 supposed 72:20 supposedly 95:24 sure 4:21 9:17,21 12:21 14:13 15:19 19:3 24:21 41:21 50:8 58:15 58:24 59:19 78:20 89:3 93:19 94:18 138:5 142:4 142:17 146:3 148:9 148:24 150:4 surrebuttal 111:6,11,21 111:23 surrounding 61:14 SUSAN 1:11 156:13 sustainability 114:24 sweet 154:2 system 12:5 24:24 38:6 38:7,12 83:5,24 84:5 93:15 93:16 98:7 98:15,18 115:1 system-wide 38:11	25:22 26:7 28:20,20,21 28:24 29:1 29:2,4,13 30:9,18 31:20 34:18 35:10 60:18 60:18,20 61:2,5 153:6,8 tables 28:18 28:20,22 61:8 take 7:4 18:23 49:17 67:12 72:4 73:4,16 89:8 105:16 116:20 118:9 124:22 133:7 134:1 141:2 taken 53:22 67:3 110:20 126:7 127:23 136:18 156:6 takes 96:23 96:23 151:8 talk 60:6 63:2 75:18 85:6 85:8 93:3 99:8 talked 29:18 30:24 44:20 61:14 75:15 76:20 82:16 89:15 99:10 104:17 talking 3:7 16:24 27:12 31:4 36:12 59:22 72:3 90:2 91:6 95:5 98:23 123:7 146:9 talks 47:11 47:11 tandem 140:11 target 76:4	107:5 129:19,21 132:2 134:24 141:10 targeted 133:22 tax 92:24 technical 15:16 tell 112:2 43:22 temporary ten 10:17 11:13 20:19 48:8,10 107:18 137:16,18 138:24 140:2 142:13,16 142:18,20 144:12 tend 134:17 tendency 58:4 term 115:13 117:6 terms 32:3 44:16 57:22 63:9 152:8 test 45:16 87:20 88:3 88:5,6,12 88:18,20 89:11 tested 4:16 testified 67:14 68:13 testimony 5:24 9:19 10:18 11:13 13:14 14:24 15:2,3 16:6 18:9 20:17 21:7 22:17 25:5,6 26:2 28:6 32:9 33:3 34:9 42:16 57:15 66:24 83:13 83:14 95:5 95:16 99:2	108:14 119:4 129:18 146:24 147:1,16,23 148:17 testing 45:23 thank 2:12 3:21,23 5:5 8:5 9:11 10:13 13:11 15:21 16:8 30:16 34:22 35:14 37:13 38:15 40:5 41:10 48:22 52:24 53:14 54:1 60:5,7 63:1 65:3 68:15 77:4 78:7 87:5 101:2 108:6 109:5 110:11 112:7 118:12 146:16 147:11 150:19 154:1,6,12 154:13,15 155:3 Thanks 36:19 theirs 18:14 theoretically 143:21 thesis 5:22 thing 39:12 100:20 113:17,19 145:15 things 46:24 49:11 50:7 51:6,12,14 67:19 87:13 91:16 111:4 111:19 115:3 125:15,21 129:1 think 4:6 5:12 32:19 39:11 42:10	42:21 43:2 44:19 53:16 54:3 55:2 55:18 58:1 58:18 61:2 67:9,11,24 68:12 69:13 71:21 73:6 73:8 75:15 76:1,2,8,16 82:14 89:8 92:3 97:7,8 99:10 100:11 101:15,19 102:16 103:20 104:18 108:21,22 111:3,9,14 112:8 113:1 113:20,21 115:24 116:13 117:5,17 124:20 125:9,13 127:2,5,6 127:21 128:2,13 132:23 134:5,7,8 134:10 135:19 137:4,14 143:17 146:8,12 148:3 149:21 150:11,12 152:4 thinking 118:9 129:3 thinks 122:3 third 7:11 107:19 119:7 128:10,13 thought 3:6 95:6 128:16 three 15:20 15:21 21:9 21:15 32:15
---	--	---	--	--	--	---	---

Philadelphia Water Department Rate Board Hearing
April 6, 2016

33:5 34:20	65:16,20	10:11	79:13 82:14	11:20 76:21	149:20,22	Valarie 5:11	voice 49:10
35:16 57:17	69:15 70:3	treatment	99:12 115:3	understand	150:8	values 27:20	volume 37:19
113:23	70:13,19	36:6 56:1	116:7,15	3:24 9:4	updated	variability	38:6,13
125:18	71:9 77:23	58:20,23	120:23	24:10 42:22	149:23	37:22,23	83:11
150:22	133:20	trend 11:2	124:22	43:3 56:22	usage 19:23	variables	volumes
tied 126:13	touch 143:5	83:23 85:11	126:6 132:6	60:22 72:17	37:14,21	125:10	11:21,22,23
time 47:17,24	touched	85:19,24	139:23	81:6 101:16	82:15 83:5	variety 86:4	voluminous
48:1,6	136:12	86:2,8	140:10	102:15	148:11	various 9:13	59:21
49:18 50:22	track 8:7,12	114:20,23	145:14	103:4	use 38:9	9:17 56:4	
50:23 51:13	tracks 8:9	trends 114:7	146:3	105:22	41:22 42:13	96:4 110:24	W
75:16 86:12	train 135:21	137:8	150:22	108:22	43:12 51:2	117:1 121:6	walk 18:1,5
87:8 88:2,4	trajectory	tried 53:15	153:23	111:7 114:8	92:2 93:13	Veatch 4:19	24:20 28:15
90:2 98:1	115:7	101:24	two-billion-...	114:10,13	99:1,9,15	5:9 10:15	walks 18:7
109:4,7	transcript	triggers	115:2	119:21	101:21	17:20 20:5	Wall 38:22
111:4	19:1 55:17	118:5	two-year	123:14,15	108:1	23:1,4,19	want 11:17
120:13	57:4 59:6,7	trouble	117:13	128:8	114:11	24:13 25:23	13:18 50:8
122:5 123:6	59:11 75:21	123:24	119:1 121:3	135:19	117:24	26:12 27:23	50:24 67:19
123:6,10	92:4 156:7	troubled	type 38:7	141:2 144:9	135:2,13	28:6,13	67:21 72:9
125:18	156:20	52:23	86:7 97:19	144:10,11	137:2 138:2	29:5 30:24	72:18 82:17
141:11	transfer 14:1	true 28:17	118:6	146:8 148:9	138:12	31:6,8,11	85:3,13
147:2	16:23 23:13	63:10 69:22	132:10	150:12	143:3	54:6,12	95:3 97:21
times 41:1,1,6	23:13 24:8	81:18 152:5	typed 63:24	understand...	uses 10:9,9	55:7,10	98:14
45:3 64:16	43:19 45:1	153:12	types 14:12	24:12 33:4	63:10	56:7 57:8	100:19
64:22 66:10	63:5 64:18	trust 103:3	typical 97:11	58:9 59:1	utilities 6:2	57:13 59:13	106:18,20
69:15,23	64:24 65:22	trustee 48:19	typically	113:10	38:8 83:1	60:11 67:17	111:22
76:4 95:23	66:6,8,17	48:19	40:24 50:14	129:17	83:11,16	69:17 70:7	114:16
97:12	68:16 70:7	try 8:16 27:9	50:15	141:6	84:3,11,14	70:8,20	118:22
106:19	71:14 73:9	91:21 147:2	typo 2:22	understands	84:14 86:23	81:24 83:6	119:22
113:9 119:2	73:20 75:1	trying 8:6	4:13	73:7	91:19,24	86:14	120:16
119:3 123:2	76:4,11	14:11 27:6	typographic	understate	96:14,15	104:19	126:3 132:5
143:15	88:15 89:4	28:17 31:19	2:14 3:12	106:2	98:10 115:5	115:23	132:23
timing 101:15	99:13	31:20 45:13		understated	148:23	116:18	139:16
122:19,20	100:21,23	51:6 54:2	U	105:21	149:1,1	Veatch's	140:2,6
122:22,24	100:24	74:10	Uh-huh	understating	utility 7:3,4	60:13	142:19
126:4	101:7	102:18	108:9	12:6,7,9	11:23 15:15	vehicles	143:11,15
title 152:4	102:11	106:7 122:2	ultimate	understood	21:13 49:2	93:11	146:10
today 17:17	103:6	128:8	128:24	113:11	53:4 83:18	version 54:19	147:4 148:8
39:24	transferred	133:24	ultimately	unforeseen	83:22,22	56:1,7	148:23
104:17	69:1 99:14	134:5 140:4	118:5	94:20,21	84:13 90:20	versions 63:3	wanted 2:13
112:15	100:15	turn 75:18	unavoidable	unfortunat...	90:21 91:2	versus 34:18	32:1 99:8
117:1 147:3	101:4	76:21	7:18	54:3 58:22	98:17,17	93:21	109:9
147:8	transfers	151:18	underestim...	143:21	105:24	104:13,22	127:24
toilet 125:16	16:18 23:3	155:2	108:12,15	unfunded	106:21	125:14	147:15
tolerable	23:5 32:10	turned 17:22	underestim...	79:15	116:11,14	vetted 124:7	151:19
130:2	32:12 64:4	turning 17:2	37:11	unique 92:23	116:23	view 67:7	wants 108:17
tomorrow	74:18	17:16 48:23	underlying	unknown	utilization	117:3	127:11
111:7,15	transition	two 3:19	41:9	96:18 97:8	41:13	123:19	warm 49:17
112:5 125:3	146:20	10:14 19:14	underneath	unpredicta...	utilized 15:5	127:16,20	wasn't 88:8
154:19	translate	20:2,2 26:9	97:6	49:19	79:22,23	129:6 131:5	88:11 89:5
top 100:3	67:22 70:10	27:18 28:18	underperfo...	unresponsive	utilizing 11:1	violating	89:12
150:1,10	translated	28:19,22	77:15 78:1	65:13	11:3 64:17	51:22	122:11
total 14:17	75:9	33:8 43:17	underperfo...	update 48:4	66:7	Virginia	128:6
57:17 64:9	transparent	61:8 79:9	78:14	149:16,19		153:12	wastewater
			underperfo...		V		2:8 150:7

Philadelphia Water Department Rate Board Hearing
April 6, 2016

watching 117:20,22	34:23 36:12 38:14 42:1	winter 49:16	wrong 9:7	138:24	62:3 102:1	1.20 15:6,15	104:17,19
water 1:2 2:6 2:8,17,21 3:9 7:22 34:8 37:4 45:11 47:2 49:12,17 50:7,11 51:9,10,18 80:9 82:18 86:9 91:23 92:14,20 93:20 94:24 101:10 112:20 113:2,7,11 114:6 123:20 125:14 130:5 150:7	45:10 51:6 52:15 53:1 53:4,20,21 58:7 72:3,8 76:3,14 77:2 79:10 80:18,24 83:20,21,23 92:24 93:1 93:2,15 94:23 106:17 108:21 112:22,23 112:24 114:22 116:8 117:23 123:6 124:24 125:8 126:16,18 131:1,2,3 132:4,9 133:7,12 134:15,16 138:1,5 146:8 147:7 154:16 155:4	withdraw 11:1 80:19 80:22,23 81:1,5,9,12 81:23 withdraws 145:7 witness 5:14 54:11 89:20 147:8 witnesses 3:24 5:9 68:13 90:4 111:18 112:3 119:10 155:3 word 4:7 78:19 79:23 139:2 words 2:17 9:5 55:6 95:13 126:11 134:7 work 40:17 51:19 57:7 57:9,14,18 57:19 58:7 58:16,19,24 59:7,12,17 123:20 143:16,21 145:15 working 98:2 world 91:15 92:1 worried 121:17 122:6 134:15 worry 8:9 121:5 134:2 worse 52:20 wouldn't 56:18 69:2 135:23 153:11 write-up 113:14 write-ups 114:1,14	wrote 95:13 <hr/> X <hr/> Y <hr/> yeah 59:10 116:9 126:2 133:11 134:14 136:3,3 139:4 142:2 145:2,5,21 145:21,22 146:7 year 6:10,20 10:23 13:8 15:9,11,14 20:9,9 21:15,16 30:14 41:24 43:22 44:24 45:4,19,20 45:24 48:6 49:18 51:14 53:2,3 63:18 68:18 69:7,14 70:13,21 71:16 74:9 74:9,14,16 74:22 75:9 78:14 79:2 79:5,7,12 80:11,14,16 81:10 84:4 86:18 87:2 88:13,16,18 89:1,2 101:8,10,11 101:17,21 101:22 102:6,8,14 108:1 110:9 116:12,12 120:5,7,7,8 120:17,20 129:10 130:14 132:7,20 133:14 135:9 138:16,18 138:22,22	139:12,17 139:19,20 139:21,24 140:2,6,7 140:13,14 140:15,16 141:1,1,7 142:6 143:2 143:2,20 144:15,19 145:19,24 146:2,3,6 152:12 year's 132:14 year-by-year 123:13 year-end 43:19 44:4 44:7,8 45:17 69:2 75:8 102:9 112:19 115:15 116:6 year-to-year 37:22 years 2:9 10:22 52:8 77:15 86:3 86:19 87:3 90:17 98:2 98:20 109:20 115:3 116:15,16 116:18,19 116:20,20 118:10 119:5,8 121:3 126:7 128:10,13 132:2,11 141:20 143:13 145:14 yesterday 8:17 12:16 12:22 36:24 37:7,18,20 39:24 45:12 50:5 52:3 61:11,20	104:15 147:7 154:23 <hr/> Z <hr/> zero 3:18 6:11 38:1 41:18 42:1 64:21 65:5 65:15 66:1 66:7,17 68:23 122:14 145:13 zinc 52:7 <hr/> 0 <hr/> 0.005 38:12 0.05 2:23 3:17 0.5 2:18 3:10 0.50 2:22 3:3 3:14,15,17 0.6 38:5,7 83:5 84:4,7 86:17 05 38:9 <hr/> 1 <hr/> 1.08 89:2 1.1 41:1 97:12 1.18 89:2 1.19 13:9 15:12 44:21 69:23 70:1 70:11 72:10 72:14 75:24 1.19x 44:11 1.2 41:1 45:3 45:5 64:16 64:22 65:17 65:20 66:10 72:15,20 73:10,15 75:24 76:4 88:3 95:23 97:12 105:17 106:9,14,19 113:8 114:8 136:16 143:15	1.25 120:7 1.26 73:4 1.3 136:16 1.31 15:10 63:20 69:15 69:19 1.35 95:23 1.4 136:17 1.5 38:1,4 1.8 41:6 1.81 97:10 1.9 105:14 106:9 120:23 1:45 1:5 155:5 10 136:7 139:5,11,17 140:7,8,13 141:2 144:16,18 144:20,24 146:1,3,5 154:22 100 120:20 131:24 141:18,20 142:6 11 77:7 11,000 25:3 11:20 53:21 110 74:12 107:24 108:2 129:18 130:1,14 131:20 132:17,19 133:8,13 134:6 135:24 136:13 137:6,20 138:9 110-million... 141:10 111 74:14 113 133:7 12 140:8 13 78:4 14 70:4 77:5	140:9 15 2:16 3:9 28:6,12 30:11 79:2 79:7,12 115:23 116:3 1515 1:9 16 6:10 10:23 41:18,24 80:7,10,11 80:14 108:2 140:9 160 134:12 17 6:12 11:4 15:9 22:10 28:8 41:19 42:2 64:17 74:24 75:7 75:8 76:10 80:3 81:18 84:11 108:2 138:13,15 138:19,20 175 133:12 18 6:12,20 11:4 13:8 41:19 42:2 44:11 53:10 74:9,14,16 75:9 81:18 108:1,2 116:5 120:17 123:2 130:14 132:20 133:14 138:18,21 18th 1:9 19 2:16 3:9 24:11 63:5 65:2,22 68:20,22,23 69:21 81:23 120:5,7,20 123:3 142:23 143:2 144:3 144:6 19.3 23:17 24:17 64:20

Philadelphia Water Department Rate Board Hearing
 April 6, 2016

64:23 65:15	120:8	40 14:17 62:7				
68:20,24	148:18	40-million-...				
69:4,11,21	151:21	143:4				
74:20 75:6	152:22	400,000				
76:11 81:24	153:8,14	126:10,14				
19/20 123:6	22.3 70:16	42 27:14 28:5				
	72:13	40:8 69:7				
<u>2</u>	223 70:16,20	115:24				
2 13:20 33:9	71:5 72:10	43 15:3,18				
2.1 64:12	72:19	153:9				
120:8	22nd 152:21	44 68:18 69:2				
2.23 71:2	23.4 21:15	74:14 75:8				
72:24 73:12	24 22:17	45 70:19				
73:16,20	125:19	107:7,9				
74:4	25 23:6 48:17	129:24				
20 16:10,15	48:17 70:17	47 16:5				
16:20 32:12	116:19					
116:19	26 13:1,6	<u>5</u>				
120:7 123:4	15:10 28:8	5/8 82:15,19				
130:9	28:14 63:19	532,000 25:4				
143:13	65:17,21	5B1 4:10				
148:15	66:11 71:9					
200 120:20	264 25:6	<u>6</u>				
145:20	272 25:6	6 1:4				
2004 50:21	280 133:3,10	61 71:5				
2012 77:8	29 88:24	661 70:21				
2013 77:8		72:19				
78:5	<u>3</u>	6743 152:14				
2014 77:8	3 13:13,20					
2015 77:8	30 28:3,12	<u>7</u>				
2016 1:4	47:3 55:11	7.2 21:16				
2017 2:9 20:9	115:21	7159 148:11				
21:16 24:11	142:23	152:14				
27:13 53:2	143:2	72 20:9				
63:18 68:18	300 65:23					
69:15 84:4	308 25:3	<u>8</u>				
89:1 116:3	31 30:13,15	8:30 154:21				
2018 2:9 6:17	32 62:11	827,000 25:6				
15:11,14	336 25:4	83 30:11				
20:9 21:16	34 14:1,16					
25:3 27:14	62:4,5	<u>9</u>				
29:15 37:8	35 20:8	90 27:14				
69:7,23	350 133:3	29:19 88:17				
70:13,21	36.9 80:17	132:1				
71:16 84:4	37 16:16,22	90.3 30:7				
89:2	387,000 25:7					
2019 120:23	39 23:17					
124:22	24:17 70:6					
2021 120:21	81:24					
120:24	393 29:19					
2023 110:8						
2024 110:8	<u>4</u>					
207.7 64:10	4.8 139:10,16					
21 25:2 77:21	139:23					