

1 STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

2 NARRAGANSETT BAY COMMISSION

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IN RE: MONTHLY BOARD MEETING OF
THE COMMISSION

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DATE: May 21, 2013
TIME: 11:00 A.M.
PLACE: Narragansett Bay Commission
Corporate Office Building
One Service Road
Providence, RI 02905

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PRESENT:

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Vincent Mesolella, Chairman
Raymond Marshall, Secretary-Executive Director
Angelo S. Rotella, Vice Chair
Michael A. Salvatore
Jonathan Farnum, Treasurer
Bruce Campbell
Dr. Richard Burroughs
Mario Carlino
Seth Handy
Joan P. Milas
Alessandro Montanari
Ronald Leone
Alan Nathan
Michael DiChiro
Leo Thompson

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1 Also Present:

- 2 Karen Giebink, NBC
Karen Musumeci, NBC
3 Joanne Maceroni, NBC
Tom Brueckner, NBC
4 Tom Una, NBC
Harold Gadon, NBC
5 Sherri Arnold, NBC
Shaylyn McCauley, NBC
6 Talia Girard, NBC
Jamie Worrell, GPS Investment Group
7 Paul Nordstrom, NBC
Crystine Marandola, NBC
8 Cecille Antonelli, NBC
Leah Foster, NBC
9 Joe Pratt, Louis Berger Group
James Kelly, NBC
10 Mark Thomas, NBC
Brenda Smith, NBC
11 John Motta, NBC
Barry Wenskowicz, NBC
12 Kerry Britt, NBC
Kim Kirwan, NBC
13 Pamela Reitsma, NBC
Stephen Lallo, NBC
14 Peter M. Trombetti, NBC
Carmine Goneconte, NBC
15 John Zuba, NBC
Christine Comeau, NBC
16 Catherine Oliver, NBC
Angelina Glater, NBC
17 Walter Palm, NBC
Deborah Samson, NBC
18 Jennifer Harrington, NBC
Joseph Roberts, NBC
19 Linda George, State Senate

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1 (HEARING COMMENCED AT 11:05 A.M.)

2 CHAIRMAN MESOLELLA: Okay. Good
3 morning, everyone. We'll call the meeting of
4 May 21st, 2013, Board of Commissioners to order
5 at 11:03 as we recognize a quorum of the minutes
6 of April 2.

7 The first order of business is
8 Approval of the April 2, meeting of the Board of
9 Commissioners. Have all of our members had an
10 opportunity to review the minutes, and if so,
11 are there any comments, questions, or
12 corrections regarding the April 2nd meeting?

13 COMMISSIONER SALVADORE: Move
14 approval, Mr. Chairman.

15 CHAIRMAN MESOLELLA: We have a
16 motion to approve the meeting of April 2. Is
17 there a motion?

18 COMMISSIONER SALVATORE: Move
19 approval,
20 Mr. Chairman.

21 COMMISSIONER FARNUM: Second.

22 CHAIRMAN MESOLELLA: Second by
23 Commissioner Farnum. Discussion on the previous
24 matter? Hearing none. All those that are in
25 favor will say aye. Are there any opposed?

1 (UNANIMOUS VOTE)

2 CHAIRMAN MESOLELLA: There are none
3 opposed, and the motion carries. Before we move
4 onto old business, let's go to new business, and
5 the business is the introduction of our new
6 commissioner, Seth Handy, who's been appointed
7 by the Governor. We want to welcome you today,
8 and hope you will find it intriguing, and we
9 hope you enjoy it. And thank you so much for
10 your service, we appreciate it, and welcome.

11 COMMISSIONER HANDY: Thank you,
12 very much.

13 (APPLAUSE)

14 CHAIRMAN MESOLELLA: What city are
15 you from?

16 COMMISSIONER HANDY: I'm from
17 Providence.

18 CHAIRMAN MESOLELLA: A Providence
19 guy. Pretty soon, you'll have a quorum, you
20 guys. Alright. Here we go. Old Business, any
21 Old Business to come before the Commission, Old
22 Business, any kind? Hearing none. Moving right
23 along to Item 4, which is Acknowledgement of
24 Awards. Mr. Secretary.

1 pleased to bring before you several individuals
2 from our staff who have won awards in the past
3 few months. This is a continuing sequence of
4 events that I try to make sure that you know
5 about these things and get them in front of you.
6 And the first one is an award that went to Paul
7 Nordstrom. It's the E. Sherman Chase Award.
8 It's given by the New England Water Environment
9 Association, and it's for notable and
10 meritorious accomplishments in wastewater
11 treatment, management, operation, and
12 maintenance. And it honors Sherman Chase, who
13 is an outstanding professional engineer,
14 pioneer, plant operator, and Paul is our version
15 of E. Sherman Chase. So, Paul, come on up and
16 get your award

17 (APPLAUSE)

18 SECRETARY MARSHALL: Paul received
19 this in January in Boston. All right. The next
20 award is be given by the New England Water
21 Environment Association. It's the Alfred
22 Peloquin Award. It is given to someone who
23 demonstrates a high level of interest and
24 performance in wastewater operations, and who

25 has made a significant contribution to the

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1 wastewater field.

2 The person receiving this award
3 today from our plant, this was also, by the way,
4 originally awarded back in January in Boston.
5 He has over 40 years of service. I believe he's
6 been associated with the Field's Point treatment
7 facility for longer than anyone else that's
8 currently on our staff, and it's Peter
9 Trombetti, Operation Supervisor.

10 (APPLAUSE)

11 SECRETARY MARSHALL: Peter, what is
12 it, 41 years?

13 MR. TROMBETTI: 41. 1972.

14 SECRETARY MARSHALL: The next award
15 was given to us by the National Association of
16 Clean Water Agencies, and it's for excellence
17 and public education and information. It's our
18 Snapshot of the Bay item on our website. This
19 was developed by several of our staff members
20 here. It's an award that I know was very well
21 received by the public, and the scientific
22 community here in Rhode Island.

23 I know the people on the Awards

24 Committee at NACWA were very impressed with just
25 how robust a component this is to our website.

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1 It allows all the information that we collect
2 from the receiving waters, all the water quality
3 monitoring to be available to anyone and
4 everyone who is interested in following it and
5 tracking it.

6 We have had many, many favorable
7 comments on how helpful it is, and how much we
8 are doing, or our staff is doing to advance the
9 information that's available be on Narragansett
10 Bay, far and away more than any other entity in
11 the State of Rhode Island. So we're very proud
12 of that effort. And I'm going to call up
13 several people who are responsible for this, and
14 they are: Pam Reitsma, Christine Comeau, Kathy
15 Walker, Kim Kerwin, Jim Kelly, John Motta, Nora
16 Lough, and Joe Roberts.

17 (APPLAUSE)

18 SECRETARY MARSHALL: Thank you,
19 very much. So the information that goes up on
20 that website, by the way, if you look through my
21 report from time to time, you'll see that over
22 2,200 samples per month are taken either at the
23 treatment plants or out in the receiving water,

24 and then those samples are analyzed, and about 8
25 or 9,000 parameters are reported on every month.

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1 And so a lot of the information that comes from
2 all of that effort goes into this website, and
3 is made be available to the general public and
4 the scientific community.

5 The next award comes from the
6 Narragansett Water Pollution Control
7 Association, and it's for the most efficient
8 large secondary treatment facility. And this
9 award for the fourth consecutive year was won by
10 the Field's Point Treatment Plant, and they also
11 have won five of the last six awards in this
12 category. And accepting for the operation staff
13 is Peter Trombetti, and why don't we have
14 Carmine Goneconte come up here, also.

15 (APPLAUSE)

16 SECRETARY MARSHALL: By the way,
17 Carmine is the second longest employee employed
18 at Field's Point; is that correct?

19 MR. GONECONTE: That's correct.

20 SECRETARY MARSHALL: The last award
21 we want to want to acknowledge is the award from
22 United Health Care. It's called their Well

23 Deserved Award, and of the thousands of
24 companies that they provide health insurance
25 for, they looked at their wellness programs, and

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1 they determined that they're only 75 that even
2 qualified for evaluation, or further evaluation.
3 And of those 75, we were one of only 11
4 nationwide that won this award for our Wellness
5 Program. It's quite an accomplishment. Ours
6 had not been up and running all that long, but
7 we think we have a really, really robust
8 program, and it's primarily because of the hard
9 work of Cecille Antonelli, Brenda Smith, and
10 Crystine Marandola. So I'm going to have them
11 come here and accept the award. It included a
12 thousand dollar check that we could use for our
13 Wellness Program. So we have all kinds of
14 hardware here. We have a plaque. We have a
15 little --

16 CHAIRMAN: Now, this is pretty
17 interesting, too, it's an apple. An apple a
18 day, pretty interesting.

19 (APPLAUSE)

20 SECRETARY MARSHALL: That concludes
21 the awards.

22 CHAIRMAN MESOLELLA: That was

23 great. Moving right along. Item Number 5,
24 which is the Executive Director's Report. Mr.
25 Secretary, do you have a report for us today?

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1 SECRETARY MARSHALL: I have a few
2 quick notes. I'm not going to go through my
3 whole report: The construction contracts are
4 going well, progress is continually being made.
5 As you probably know, we are annoying some
6 members of the public and the neighbors in the
7 areas that we're working in. We're trying very
8 hard to avoid that and minimize it to the
9 greatest extent possible.

10 There was an article in the
11 Providence Journal on May 11, which overall was
12 pretty positive about the activity going on up
13 on the East Side in the area of Hope Street, and
14 there's been some radio talk show host chatter,
15 as well, but tough job. We're getting through
16 it. We can see the light at the end of the
17 tunnel. It's several more weeks, unfortunately,
18 because the paving's rather complicated,
19 considering what we have to do up there. The
20 Field's Point Biological Nutrient Removal has
21 undergone the process testing. It's gone very

22 well. The results are excellent. We're getting
23 results at less than four parts per million.
24 Also across the street the wind
25 turbines are generating about 50% of the power

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1 that we need to run Field's Point, the treatment
2 plant. We have received approval from both the
3 State of Rhode Island and the State of
4 Massachusetts that our wind turbines meet the
5 criteria for removal energy credits. So we will
6 be going on in the open market to hopefully
7 bring in another source of revenue through those
8 in the near future.

9 Karen reported earlier that the PUC
10 is conducting rate hearing right now on our
11 request for a user fee height. If approved, the
12 average single-family home owner will be paying
13 \$40 a month to \$46 a month. The River Clean-Up
14 grants that were awarded to 19 organizations at
15 the last meeting, you all approved that, has
16 really been a big hit.

17 That program has received a lot of
18 very positive feedback. There have been many
19 great events, and we're able to spread the
20 Narragansett Bay Commission's name far and wide
21 throughout our district, much more so than

22 having a very focused program on just the
23 Woonasquatucket River, so thank's for your
24 cooperation on that. Related to one of my first
25 comments, the Public Affairs Group has been

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1 working very hard to reach out to all the
2 neighbors in the areas we're working in Hope
3 Street, North Maine, Olneyville, and the
4 Hillside section of Providence. It's a tall
5 order, but we're trying to get to everyone that
6 we possibly can.

7 Other than that, there might be an
8 item that will surface in the media before our
9 next meeting. Through our pretreatment program,
10 we require grease removal units in all food
11 preparation facilities, and we have one
12 particular restaurant -- actually, he owns two,
13 and he's been a little reluctant to do it, to
14 install those grease removal units.

15 We had to go to court on that. And
16 if he doesn't comply, we're going to go in and
17 cut and cap his discharge. That will probably
18 definitely make the news. So you should know
19 about it ahead of time, so you're not surprised
20 by it.

21 But we have bent over backwards for
22 this guy, and we're still working to this very
23 day trying to get him to cooperate. All we want
24 him to do is to put in a grease removal units.
25 And we've had some very recent communication

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1 with him and we hope that this works out for the
2 best, but in case it doesn't, I just wanted to
3 let you know about that.

4 COMMISSIONER FARNUM: Is there any
5 place we shouldn't go to eat?

6 SECRETARY MARSHALL: No, I don't
7 think you have to worry about that. That's it,
8 Mr. Chairman.

9 COMMISSIONER CARLINO: Mr.
10 Chairman, question.

11 CHAIRMAN MESOLELLA: Commissioner
12 Carlino?

13 COMMISSIONER CARLINO: Can you give
14 us an update on the Resource Recovery. I know
15 we read it in the paper. It sounds like that
16 they're going to spend \$25 million to treat so
17 much of an --- area, what's coming out of there,
18 and they're going to pump 650,000 gallons to us.
19 So from a revenue perspective, what does that do
20 for us, what is it costing us versus what we're

21 going to be generating?

22 SECRETARY MARSHALL: It's really

23 not costing us anything up front. They are

24 building a sewer project that goes from the

25 intersection of Atwood Avenue and Central Street

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1 in Johnston, Central Ave, and goes up towards

2 the landfill. They had the groundbreaking on

3 that last June, I think, and at their expense,

4 they're putting in both a gravity and line

5 forced main whatever they need, depending on the

6 terrain. A new pump station, or two, on their

7 own property. And they're going to transfer the

8 waste that they're generated on their site,

9 which includes their Industrial Park to the

10 Narragansett Bay Commission's Field's Point

11 system, rather than have it go to Cranston.

12 Ultimately, that's their goal. This might

13 happen in phases, by the way. That includes

14 their leachate which comes out of the landfill.

15 They have under design right now,

16 and will begin construction shortly on a

17 leachate treatment system, which will make the

18 leachate that is currently being discharged more

19 treatable, it's just like a pretreatment

20 program, you know, that we have for any other
21 discharger.

22 When all of that happens, is still
23 somewhat up in the air. The first several
24 thousand gallons of flow will probably come some
25 time this summer, and then more will come as we

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1 move into the fall. And then a year from now,
2 they'll probably have additional flows.

3 But the \$650,000 is really, that's
4 a long-term flow number, not a first day flow
5 number, and it'll generate revenue. I didn't
6 look at it recently, but I think the last time I
7 looked it at, the numbers were somewhere in the
8 \$500,000 to million-dollar range, starting on
9 the low end, and ultimately ending up on the
10 higher end once all the flows are up and
11 running, and the industrial park gets pumped
12 out.

13 CHAIRMAN MESOLELLA: Thank you.
14 Are there any other questions with regards to
15 the Executive Director's Report?

16 COMMISSIONER SALVATORE: Ray, is
17 there any thought being given to any wind
18 turbines up at Bucklin?

19 SECRETARY MARSHALL: We've done

20 some testing up there, but the wind just isn't
21 good enough up there to make them be cost
22 effective. We're going to do the bio gas
23 project up there, and then I think Tom and his
24 crew are looking at solar panels, also, on the
25 old landfill site. There's a big wide open

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1 hillside there, so it may be worth our while to
2 invest in that particular technology. But we
3 still have more work to do on that before we
4 come to any conclusion, but the bio gas project,
5 the design is essentially complete, I think
6 we're like at 95 percent on the drawings.

7 CHAIRMAN MESOLELLA: Thank you.
8 Any other questions of the Executive Director
9 pursuant to his report? Hearing none. Moving
10 along to Committee Reports and Action Items
11 Resulting. The first Committee reporting is the
12 Construction, Engineering and Operations
13 Committee. Commissioner Salvadore, do you have
14 a report for us today?

15 COMMISSIONER SALVADORE: Yes, we
16 do, Mr. Chairman. We met earlier this morning,
17 and we have two items for consideration by the
18 Board of Commissioners. The first being Review

19 and Approval of Resolution 2013:18 Fiscal Year
20 2015-2019 Capital Improvement Program, and the
21 CEO recommends approval, Mr. Chairman.

22 CHAIRMAN MESOLELLA: Thank you. We
23 have a motion to approve the Capital
24 Improvements Program, which would be FY '15
25 through FY '19. Everyone has a copy of this.

17

1 Can I have a second?

2 COMMISSIONER FARNUM: Second.

3 CHAIRMAN MESOLELLA: Commissioner
4 Farnum, did you second the motion?

5 COMMISSIONER FARNUM: Yes.

6 CHAIRMAN MESOLELLA: Second by
7 Commissioner Farnum. We did have a complete
8 presentation on the Capital Improvements Program
9 before the committee this morning. And I'm just
10 conferring with the Executive Director, because
11 we have another presentation today regarding the
12 CSO program.

13 I'm wondering, time wise. Sherry,
14 do you want to talk a little bit about the
15 magnitude and the high points of the Capital
16 Improvement Programs, and then the commissioners
17 can review this at their leisure.

18 MS. ARNOLD: Okay. So we have the

19 Fiscal Year 2015 through 2019 CIP before you.
20 This year there are a total of 58 capital
21 projects, totalling \$320.5 million in net
22 window, with an additional \$108.3 million we
23 spend in Fiscal Year 2014, for a total of \$428.8
24 million. Those projects are primarily for the
25 CSO Phase II facilities, the nitrogen removal at

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1 Field's Point, as well the nitrogen removal at
2 Bucklin Point. And beginning in 2014, we also
3 have the mandated, the CSO Phase III design
4 coming in, and in Fiscal Year 2018, the
5 construction for the CSO Phase III facilities.

6 CHAIRMAN MESOLELLA: How many total
7 projects are there anticipated between 2014 and
8 2019?

9 MS. ARLNOLD: There's 58.

10 CHAIRMAN MESOLELLA: 58 projects.

11 It's important to note that all of these
12 projects are important, but prior to moving
13 forward with any one of these individual
14 projects, they would need board approval, and we
15 can go through the process for each and every
16 one of those projects.

17 So we have quite an extensive

18 Capital Improvement Program, as we always do.
19 The presentation was magnificent. Thank you,
20 very much. The document's very well prepared,
21 it's pretty self-explanatory, I think, once you
22 get into it. I would encourage all of our
23 members to read it and get familiar with it,
24 because we will be dealing with this document as
25 we go through the year.

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1 SECRETARY MARSHALL: I think you
2 raised a good point, Mr. Chairman. This is a
3 planning document, but just because you're
4 approving the CIP plan, doesn't mean that you're
5 approving all the expenditures on each of these
6 projects.

7 We'll be back to you, as the
8 Chairman pointed out, with each individual
9 project for your approval with a memo and a
10 resolution, as we normally do.

11 CHAIRMAN MESOLELLA: And every
12 project will go before the CEO Committee, as we
13 have in the past, so it's just really, as the
14 Executive Director suggested, a planning
15 document. And then we'll see what happens as we
16 go along today, and then after the presentation,
17 if there are any questions with regards to the

18 CIP program, we can answer them at that time.

19 Commisioner Burrows.

20 COMMISSIONER BURROWS: One

21 observation. The CIP includes a little over

22 \$200 million --

23 CHAIRMAN MESOLELLA: For me.

24 COMMISSIONER BURROWS: And, so

25 two-thirds of the CIP is tied up in Phase III of

20

1 the CSO. And the language here, I thought, was

2 particularly good. This reevaluation will

3 determine the improvement in water quality as a

4 result of that work. If Phase III needs to be

5 completed, and, if so, the approach, as

6 originally designed, is still the most cost

7 effective. So I look forward to further

8 discussion on all of those issues.

9 CHAIRMAN MESOLELLA: Comments,

10 questions regarding the Capital Improvement

11 Program FY 15 through Fy 19. In such case, all

12 of those that are in favor will say aye. Are

13 there any opposed?

14 (UNANIMOUS VOTE)

15 CHAIRMAN MESOLELLA: There are none

16 opposed, and that motion carries. The next item

17 is Item B Resolution 2013:21, Contract for the
18 Field's Point Transfer Station. Commissioner
19 Salvadore?

20 COMMISSIONER SALVADORE: Yes. Our
21 second item is Review and Approval of Resolution
22 2013:21, Contract 126.00DB the Field's Point
23 Wastewater Treatment Facility/Land Acquisition
24 Municipal Solid Waste Transfer Station and the
25 Award of Contract, and the CEO recommends

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1 approval, Mr. Chairman.

2 CHAIRMAN MESOLELLA: We have a
3 motion to approve, that motion is 2013:21.

4 COMMISSIONER MONTANARI: Second.

5 CHAIRMAN MESOLELLA: Commissioner
6 Salvadore, second by Commissioner Montanari.
7 Discussion, any questions, comments on the bill?
8 By way of a brief explanation, Narragansett Bay
9 Commission be acquired certain property from the
10 City of Providence, in turn, we had agreed to
11 provide the capital to build a new Transfer
12 Waste Station for them, and that's on Terminal
13 Road.

14 There were two bids. The bids
15 were, it was a request for proposal and design.
16 The bid was awarded to DiGregorio Construction

17 in the amount of \$750,000. He was the second
18 lowest bidder, however, upon consideration of
19 the potential hazardous waste issues and the way
20 he intended to proceed with the project
21 mitigated substantial risk regarding
22 environmental issues, the city and our staff
23 thought it best to award this project to
24 DiGregorio, and so that's what this resolution
25 is, Resolution 2013:21.

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1 We have a motion and a second.
2 Discussion on the matter? In such case, all of
3 those that are in favor will say aye? Are there
4 any opposed?

5 (UNANIMOUS VOTE)

6 CHAIRMAN MESOLELLA: There are none
7 opposed, and the motion carries.

8 Moving right along. Commissioner
9 Salvadore, do you have a further report?

10 COMMISSIONER SALVADORE: That
11 concludes the CEO's report for Tuesday, May
12 21st, 2013.

13 CHAIRMAN MESOLELLA: Okay. Thank
14 you, moving right along is the Personnel
15 Committee. Commissioner Campbell, do you have a

16 report for us today?

17 COMMISSIONER CAMPBELL: Yes. The
18 Personnel Committee, and we considered six
19 items. The first Item A, was an Amendment to
20 the Organization Plan, and I don't believe that
21 it required the full board's approval?

22 CHAIRMAN MESOLELLA: That's
23 correct.

24 COMMISSIONER CAMPBELL: The next
25 three items, B, C, and D, all concern

23

1 essentially the same topic, they're resolutions
2 2013:12, 2013:13 and 2013:14, and Karen will
3 give a previous brief presentation on those
4 resolutions.

5 MS. GIEBINK: The purpose of these
6 three resolutions, basically, consolidate the
7 investment platform for the Non-Union Defined
8 Benefit Plan, the Non-Union Defined Contribution
9 Plan, and the 457 Deferred Compensation Plan.

10 Currently, we have four different
11 investment providers, and we're looking to
12 consolidate them. In addition, there's a
13 housekeeping matter with respect to the Defined
14 Benefit Plan, whereby, we currently have Mesirow
15 Financial Investment Management that's providing

16 a layer of investment advice and acting as a
17 fiduciary on the Defined Benefit Plan.

18 And this resolution would remove
19 that particular layer since we have GPS
20 Investment Advisors that currently performs that
21 service for us. That's a brief explanation.
22 I'd be happy to answer any questions.

23 COMMISSIONER CAMPBELL: The
24 Personnel Committee considered all of these
25 resolutions and approved them, and so I move

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1 approval of them.

2 CHAIRMAN MESOLELLA: Just to be
3 clear, we're talking about Resolution 2013:18?

4 COMMISSIONER CAMPBELL: No.

5 CHAIRMAN MESOLELLA: I'm sorry,
6 2013:12, 2013:13 and 2013:14. The reason I'm
7 suggesting that is if you look at the agenda for
8 the Personnel Committee and then you look at the
9 agenda for the full commission meeting, these
10 letters are inconsistent.

11 So I just want to make certain that
12 we've got the resolution numbers correct. So
13 that would be Resolution 2013:12, 2013:13 and
14 2014:14. Are our members clear on that.

15 COMMISSIONER DICHIRO: I'll second.

16 CHAIRMAN MESOLELLA: We have a
17 second by Commissioner DiChiro. Discussion with
18 regard to those resolutions? Hearing none. All
19 of those that are in favor will say aye? Are
20 there any opposed?

21 (UNANIMOUS VOTE)

22 CHAIRMAN MESOLELLA: There are none
23 opposed, and those motions carry. Okay.
24 Continue.

25 COMMISSIONER CAMPBELL: The next

25

1 item is Review and Approval of Resolution
2 2013:15, Amendment of the Narragansett Bay
3 Commission Non-Union Defined Benefit. Karen,
4 can you speak to that?

5 MS. GIEBINK: Sure. When the
6 Narragansett Bay Commission first implemented
7 the Non-Union Defined Benefit Plan in 2005,
8 eligible participants were given the option to
9 either participate in the plan or not
10 participate in the plan, because there was a
11 mandatory employee contribution associated with
12 that participation.

13 At that time, I believe there were
14 19 employees that elected not to participate,

15 and since then, approximately, exactly eight
16 employees have terminated, but of the remaining
17 employees that opted out of the plan, we have
18 received a number of requests to allow them to
19 participate in the plan.

20 So this amendment here would allow
21 those employees one more chance to opt into the
22 plan. The only difference being is that they
23 would not receive credit for past service,
24 unlike when the other plan that was implemented.

25 COMMISSIONER CAMPBELL: The

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1 Personnel Committee recommends approval of this
2 resolution.

3 CHAIRMAN MESOLELLA: We have a
4 motion to approve Resolution 2013:15.

5 COMMISSIONER FARNUM: Second.

6 CHAIRMAN MESOLELLA: Commissioner
7 Farnum seconds the motion. Further discussion
8 with the regards to the amendment of the
9 Narragansett Bay Commission Non-Union Benefits
10 Plan? Hearing none. All of those that are in
11 favor will say aye. Any opposed?

12 (UNANIMOUS VOTE)

13 CHAIRMAN MESOLELLA: There are none

14 opposed, and that motion carries.

15 COMMISSIONER CAMPBELL: Okay. The
16 next item is Review and Approval of Resolution
17 2013:16, Amendment of the Narragansett Bay
18 Commission Deferred Compensation Plan 457 Plan.

19 MS. GIEBINK: This resolution would
20 allow for the Amendment of the 457 Deferred
21 Compensation Plan to incorporate a Roth
22 component into the 457 Plan.

23 This is funded entirely through
24 employee contributions. I would like to note
25 that the memo to the Committee and the Board

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1 also has a second item requested in that, which
2 was the amendment of the plan for the HEART
3 provision, that is actually not needed since the
4 Board actually did that already in 2011, I
5 believe. Basically this resolution will allow
6 for the Amendment of the 457 Plan to incorporate
7 a Roth component.

8 COMMISSIONER CAMPBELL: Okay. The
9 Personnel Committee recommends approval of this
10 Resolution 2013:16.

11 CHAIRMAN MESOLELLA: We have a
12 motion of approval for Resolution 2013:16.

13 COMMISSIONER SALVADORE: Second.

14 CHAIRMAN MESOLELLA: Seconded by
15 Commissioner Salvadore, Farnum and Thompson.
16 Further discussion on the matter? Further
17 discussion on Resolution 2013:16? Hearing none.
18 All of those that are in favor will say aye?
19 Are there any opposed?

20 (UNANIMOUS VOTE)

21 CHAIRMAN MESOLELLA: There are none
22 opposed, and that motion carries. Does that
23 conclude the report for today?

24 COMMISSIONER CAMPBELL: That
25 concludes my report, Mr. Chairman.

28

1 CHAIRMAN MESOLELLA: Thank you,
2 Commissioner Campbell. The next Committee
3 reporting is the Joint Long Range Planning and
4 Finance Committee. In the absence of Chairman
5 Andrade, the Chair convened the meeting. There
6 are three matters for approval.

7 The first order of approval is
8 Resolution 2013:17, which is Authorization to
9 Issue Obligations Not to Exceed \$75,000,000.
10 It's pretty straightforward. The Commission is
11 going to need money to pay for our project. We
12 intend to issue bonds, and we're interested in

13 getting the Board's approval to issue
14 \$75,000,000 in obligations. Pretty
15 straightforward. The Chair moves approval of
16 Resolution 2013:17.

17 COMMISSIONER MILAS: Second.

18 COMMISSIONER ROTELLA: Second.

19 COMMISSIONER DICHIRO: Second.

20 CHAIRMAN MESOLELLA: Seconded by

21 Commissioner Milas, Commissioner Rotella,

22 Commissioner DiChiro. Discussion on Resolution

23 2013:17, authorization to issue obligations.

24 Hearing none. All of those in favor will say

25 aye? Are there any opposed?

29

1 (UNANIMOUS VOTE)

2 CHAIRMAN MESOLELLA: There are none

3 opposed, and that motion carries. Item B,

4 Review and Approval of Resolution 2013:19,

5 Authorization to Enter Into a Contract for

6 Auditing Services. Mr. Secretary?

7 SECRETARY MARSHALL: Yes, Mr.

8 Chairman. We went out for an RFP to hire an

9 auditor for the next three years because the

10 current contract is ending. We have had the

11 same auditor for the last two periods, which

12 would be a total of six years.

13 Our RFP was approved by the Auditor
14 General and the Director of Administration as it
15 needs to be. And one thing that was not
16 included in the RFP, they have decided or they
17 strongly recommend that you not have an auditor
18 under contract for more than six years, because
19 they don't want the relationship to get too
20 cozy. But that was not included in ours, even
21 though that was approved.

22 We have one submission. That was
23 Bacon and Company, our current auditor, so it
24 went back to the Auditor General and the DOA and
25 asked them for approval of this. They were

30

1 reluctant. And after several discussions, they
2 agreed that we could extend the current contract
3 for one additional year, but then next year, we
4 have to go back out again and cannot hire Bacon
5 until there's separation in service, so to
6 speak. So next year we'll have a more
7 aggressive outreach to other auditing firms.

8 COMMISSIONER DICHIRO: But where do
9 you go if they're the only bidder, what do you
10 do?

11 SECRETARY MARSHALL: Well, I think

12 one of the reasons why we might have ended up in
13 this situation is because this new no longer
14 than six-year guideline has just really being
15 put into effect, and the other audit firms
16 probably felt, well, Bacon's been doing it.
17 They're already up to speed, so they can put
18 together a more competitive price. And so, now
19 it will start to become apparent a lot of owners
20 like us will have to start changing auditors
21 just to keep things fresh.

22 COMMISSIONER DICHIRO: They will
23 not be able to bid in the future?

24 SECRETARY MARSHALL: Not next year.
25 Say someone else gets it for three years,

31

1 someone else will get it for three years. After
2 that they can resubmit.

3 CHAIRMAN MESOLELLA: So the point
4 would be that if we're still unsuccessful in
5 getting someone to bid on the program, we can
6 either come back to this board and ask for
7 approval and authorization to enter into a
8 negotiating contract with a firm, or we could
9 ask the Department of Administration to appoint
10 a firm, and then we can negotiate a fee based
11 on, you know, historical fees that we've been

12 paying. Commission Rotella, do you want to
13 weigh in on that.

14 COMMISSIONER ROTELLA: Yeah, it's
15 almost a good news, bad news, because from what
16 you said the fee is for \$22,000 which is
17 extraordinary low. I guarantee you that next
18 year, it'll probably be double.

19 CHAIRMAN MESOLELLA: Well, that's
20 our expectation, but that's not for public
21 edification yet. All right. So, that's the
22 issue, and we'll deal with it next year. But
23 for this year, we're good.

24 So we would need the Board's
25 approval. I do believe we have a motion and a

32

1 second. Any further discussion on the matter?
2 Hearing none. All of those that are in favor
3 will say aye? Are there any opposed?

4 (UNANIMOUS VOTE)

5 CHAIRMAN MESOLELLA: There are none
6 opposed, and that motion carries. Item C is
7 Approval of Resolution 2013:20, which is
8 Recommendation for Use of Environmental
9 Enforcement Funds.

10 Commissioner Milas, I believe,

11 recuses herself in consideration of this vote.

12 This is a request for \$2,400 from the Blackstone

13 Tourism Council. This is to fund the Scouts.

14 SECRETARY MARSHALL: Like the River

15 Boat Explorer's Program.

16 CHAIRMAN MESOLELLA: This is a

17 reservation of funds that was provided for many

18 for many years. This is no exception, and we'd

19 ask the Board to approve the \$2,400 request for

20 Blackstone Valley Tourist Council. Commissioner

21 Thompson moves approval.

22 COMMISSIONER SALVADORE: Second.

23 COMMISSIONER FARNUM: Second.

24 CHAIRMAN MESOLELLA: Seconded by

25 Commissioner Salvatore and Commissioner Farnum.

33

1 Discussion on the matter?

2 COMMISSIONER SALVADORE: How much

3 is left in the Environmental Enforcement Fund?

4 SECRETARY MARSHALL: After you

5 award this one, I think in the amount of money

6 that's not restricted in any way, probably just

7 under \$10,000. That's all that's left. There

8 is money for river cleanup, but that's a

9 different source. It's within Environmental

10 Enforcement, but it's a different source and it

11 is restricted.

12 CHAIRMAN MESOLELLA: So that's the
13 good news and the bad news. The good news is
14 what that means is all of the users in our
15 district are complying. We have very few
16 blatant violators, and the program is working,
17 of course, which is where we got the
18 Environmental Enforcement Fund. So that's the
19 good news and the bad news. But this is a great
20 program, and we'd like to continue supporting
21 it.

22 COMMISSIONER THOMPSON: Do we have
23 any idea how many organizations we've
24 traditionally funded? And how many are we going
25 to disappointing when that \$10,000 is gone.

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1 SECRETARY MARSHALL: We're going to
2 be disappointing a lot of people, I would think,
3 seven, eight, ten maybe a year, I think,
4 different organizations come to us that you all
5 approve the funding for.

6 CHAIRMAN MESOLELLA: We've given a
7 lot of grants in the past, I mean, hundreds of
8 them, especially in the early days, but, like I
9 say, it's good news, bad news.

10 COMMISSIONER FARNUM: You can't
11 find the grease trap guy?

12 CHAIRMAN MESOLELLA: --- so, having
13 said that, are there any other questions with
14 regard to use of Environmental Enforcement
15 Funds? Hearing none. All of those that are in
16 favor will say aye? Are there any opposed?

17 (UNANIMOUS VOTE)

18 CHAIRMAN MESOLELLA: There are none
19 opposed, and the motion carries. So before I go
20 on to the other committees reporting,
21 Commissioner Milas?

22 COMMISSIONER MILAS: Am I allowed
23 to talk about the Blackstone Valley Tourism,
24 seeing that we're not voting on anything?

25 CHAIRMAN MESOLELLA: You are.

35

1 COMMISSIONER MILAS: Bob Billington
2 asked me to convey to the Commissioners the
3 appreciation of the Tourism Council for your
4 years of dedication long before I became a
5 commissioner involved in tourism.

6 But the two most recent things that
7 you have done through the vision and foresight
8 of the Commission is, there is a bridge on
9 Roosevelt Avenue at the Chocolate Factory Park,

10 if I'm saying it correctly, which is where the
11 first chocolate factory in the country was.

12 And Blackstone Valley Tourism now
13 has a park there with a boat launch and you
14 allow them to tap into your electricity. It's
15 like an aqueduct looking bridge, and now it's
16 lit. And you can fly fish, there's a boat
17 launch. And now the second piece of that is
18 there was some sort of sewer cover on an island
19 on the other side of the bridge that you allowed
20 them to. I'm not even sure what you do to it,
21 but they're going to use it for camping. The
22 island is almost a three-acre camp, and it's the
23 only camp on the Blackstone River. So it will
24 now be open to the public and it belongs to the
25 City of Central Falls. And Bob encouraged you

36

1 all to go camping. Sorry, Mr. Chairman.

2 CHAIRMAN MESOLELLA: As long as
3 they have room service, I'm good. Okay, thank
4 you Joan for that. They're a great
5 organization, and I know they appreciate the
6 generosity of the Commission. I started to say
7 that we're going to go on to the other
8 committees, and then the Chairman's Report.

9 We're thinking that prior to the
10 presentation that we're going to be giving
11 about, you know, everything that's been
12 happening with the CSO program, we had lunch
13 brought in. And our thinking was that we get
14 some lunch, and while we're having some lunch,
15 then we'd listen to the presentation. Is that
16 okay with the Board?

17 I want you to encourage you to stay
18 for lunch because I designed this menu myself,
19 and I think you're going to enjoy it. All
20 right. So, this is going to be quick. Rules
21 and Regulations, there was no report, no
22 meeting. Citizens Advisory. Harold, do you
23 have a report for us today?

24 MR. GADON: A short report, Mr.
25 Chairman. The previous CAC meeting was held

37

1 last April 10th with a quorum present. We did
2 have a Pretreatment Report. For the past year
3 we presented via Powerpoint, and it was a very
4 good report. There was, as Commissioner Carlino
5 mentioned, there was discussion concerning the
6 forthcoming NBC tie in with the Resource
7 Recovery Wastewater.

8 There was an incomplete write-up in

9 the Providence Journal Monday on this process
10 which read that it was expected to start soon.
11 We'll be requesting more information on this
12 project, especially when the Journal referred to
13 Broadrock Renewables. Jamie did a report on the
14 Hope Street construction which is proceeding.
15 This has been a confusing schedule year for us,
16 but our next meeting will be June 19.

17 CHAIRMAN MESOLELLA: Thank you.
18 The Executive Committee did not meet this month,
19 neither did the Ad Hoc Compensation Committee,
20 or Ethics. Legislative Report, Joanne, what's
21 going on up there?

22 MS. MACERONI: A lot, Mr. Chairman.
23 I don't have a formal written report today. I'm
24 still following the legislation that was
25 introduced at the last meeting, but I just

38

1 wanted to give a few updates.

2 I'm happy to say that the NBC's
3 Quorum Bill did pass the full house, and is now
4 in the Senate Environment Committee, and we hope
5 to have a hearing on that within the next couple
6 of weeks. And also, there are several bills
7 that we were working on, one being a senate bill

8 that is related to quasipublics.

9 It would limit board members to two
10 terms, it would open up closed-session minutes
11 prior to them being opened by the Board if the
12 Governor, or the Senate President, or the
13 Speaker of the House requested them, and it also
14 would require Board members to do a lot of the
15 day-to-day work that the Executive Director
16 oversees.

17 I testified in Senate Finance on
18 that last week, along with the director of the
19 Airport Corporation, and also the Loan
20 Authority. We were the only ones there speaking
21 on the bill, and all the authorities have the
22 same issues that we do.

23 I'm also happy to report that we
24 worked on accepted language with the Rhode
25 Island Land Trust Council on the Imminent Domain

39

1 Bill. Their concern was to make certain that
2 the conservation holders were notified of any
3 easements or eminent domain that we were taking.
4 We were concerned with some of the language that
5 they had.

6 We've been able to work out
7 language that is mutually agreeable, so we'll be

8 happy to go forward and support that, also. I'd
9 be happy to answer any questions.

10 CHAIRMAN MESOLELLA: Joanne, do the
11 Commissioners get a copy of the letter that we
12 sent regarding the quasi-public?

13 MS. MACERONI: They did not, but
14 I'd be happy to have Karen put that on the
15 website.

16 CHAIRMAN MESOLELLA: Okay, get
17 that, generate copies.

18 MS. MACERONI: I can make copies
19 now. I actually have a copy down here.

20 CHAIRMAN MESOLELLA: If we can
21 generate some copies so we can pass them out. I
22 would just like to speak to one issue in that
23 bill which was a particular concern to me, which
24 was the term limitations for members that sit on
25 quasi-public agencies. And I will tell you

40

1 that, as I told the Governor's office, and I
2 have been suggesting to the leaders in the
3 General Assembly, is that much of the success
4 that this Commission has enjoyed over the years
5 is primarily because of the longevity of our
6 commissioners who have a complete understanding

7 and knowledge of our mission, and this promotes
8 the continuity through a very expensive program.

9 We're going to spend a billion
10 dollars in through the 2019, '20 and '21, and
11 it's the longevity of our members who understand
12 our mission. And I wrote a letter, and I know
13 Joanne is going to get a copy of it, and I speak
14 to the fact that that's why I believe we are
15 successful, because of the commitment that all
16 of our members participate and they contribute
17 on a regular basis, and it's very important so I
18 want to maintain that continuity.

19 I want to express my gratitude to
20 all of you for serving on the Board for such a
21 long time. Outside of our new Commissioner,
22 Seth Handy. We've got a lot of longevity here.
23 You may be the youngest or the newest. How many
24 years have you been on, Joan?

25 MS. MILAS: Four, five, six,

41

1 something like that.

2 CHAIRMAN MESOLELLA: 32, I think,
3 since 1979. Angelo, how many?

4 COMMISSIONER ROTELLA: 18, 19.

5 CHAIRMAN MESOLELLA: 18. Mike?

6 COMMISSIONER SALVADORE: 28.

7 CHAIRMAN MESOLELLA: So there is a
8 lot of longevity, but you're relatively new,
9 Commissioner Leone, but there is a lot of
10 longevity here, and we're going to enjoy
11 successes on into the future. So that's my
12 personal thoughts on the matter, and that's what
13 I conveyed to the Senate Chair on matter. So,
14 okay.

15 Moving right along: Legislative
16 Report, the Chairman's Report. You know there
17 has been a lot going on this month. I would
18 like to speak to the issue, which many of you
19 read about, and that is Providence Water Supply
20 Board's initiative to create a regional water
21 authority.

22 Speaking about longevity, many of
23 you know that Narragansett Bay Commission has
24 expressed many times its interest in acquiring
25 or managing as part of our operation, Providence

42

1 Water Supply. We have suggested to the last
2 three mayors that our operation, really, when
3 you look at it naturally is an anomaly, really.
4 Most agencies, large agencies like ours, have
5 both ends of the pipe, water coming in, water

6 going out.

7 Back when Mayor Cianci was the
8 mayor, acting mayor, we had actually had an
9 agreement to acquire Providence Water, and then
10 for other legislative reasons, it never went
11 forward, and we expressed that desire again to
12 Mayor Ciccone, and again, to Mayor Tavares.

13 He came to see me last week with
14 his intentions of forming a regional water
15 supply board modeled after the Narragansett Bay
16 Commission, which I thought was complimentary,
17 but I also expressed disappointment that we were
18 not involved in that discussion. But he was
19 going to submit legislation to the General
20 Assembly creating this regional authority, and
21 we thought it best to leave it to the infinite
22 wisdom of the General Assembly to decide whether
23 or not that was a proper format to hear that
24 matter and impose its will and wisdom. I don't
25 know what's happening with that. We're sitting

43

1 back waiting to hear, so I don't know. But I
2 did want to inform the Board that the Mayor was
3 here, and just inform you of what was going on.
4 So that's that. We'll see what happens.
5 Joanie, you would know, what's going on up there

6 in terms of adjournment, what are they thinking,

7 Joanne, do you know?

8 MS. MILAS: The beginning of June.

9 CHAIRMAN MESOLELLA: The beginning
10 of June. Our next Board meeting is June 25th.

11 Make a note of that. Ray, anything else you'd
12 like to comment about?

13 SECRETARY MARSHALL: No.

14 CHAIRMAN MESOLELLA: So, here's
15 what I thought. It's five minutes to twelve.

16 Let's get some lunch. We'll prepare our screen.

17 And who's presenting for us today?

18 SECRETARY MARSHALL: We have a
19 series of people, Paul Nordstrom, Tom Uva, and
20 we'll move along to Rich and Joe Pratt and Tom
21 Brueckner. And we'll give Phase I through III
22 in about a 20-minute period. You.

23 You all asked for an update, and we
24 finally have been able to put it on the agenda
25 for today, so hopefully you can he enjoy some

44

1 lunch while you're listening to the updates that

2 our staff prepared. They're all going to go

3 about five to seven minutes, right guys.

4 CHAIRMAN MESOLELLA: No, no, no.

5 Five to seven minutes, right guys? Commissioner
6 Campbell?

7 COMMISSIONER CAMPBELL: I'd just
8 like to, before we adjourn, I just had one thing
9 I wanted to bring up. Every meeting when we go
10 through all the different committees, one of the
11 committees is called Ethics.

12 CHAIRMAN MESOLELLA: That's
13 correct.

14 COMMISSIONER CAMPBELL: And it
15 seems to me that this Committee is superfluous,
16 and it has been for a long time. And so I'm
17 going to make a motion that we abandon that
18 committee.

19 CHAIRMAN MESOLELLA: Okay. Do I
20 have a second?

21 COMMISSIONER DICHIRO: Abandon what
22 committee?

23 CHAIRMAN MESOLELLA: If no one else
24 is going to second it, I'll second it.

25 COMMISSIONER DICHIRO: I mean, I'm

45

1 the Chairman of the committee, but why would we
2 abandon an Ethics Committee? Why would you just
3 do that? Why would you abandon an Ethics
4 Committee? We haven't met because there hasn't

5 been issues that have been brought to my
6 attention, but at one time we had to meet,
7 because we had issues brought up by a member
8 who's not here today. But, I don't why you'd
9 abandon an Ethics Committee. It's just, I don't
10 think it sends a good signal.

11 I think you should have the
12 committee in case ethics issues arise. There is
13 an Ethics Committee for the state, there is, but
14 we had the committee created internally, I mean,
15 no problem abandoning it, but if I'm not acting
16 on it, I don't know why you abandon it.

17 COMMISSIONER CAMPBELL: Okay. I
18 just thought it would be somewhat of a, when it
19 was created, but it was somewhat was a
20 reflection that there was a problem.

21 COMMISSIONER DICHIRO: But there is
22 no problem. The fact that we haven't met means
23 there was no problem.

24 COMMISSIONER CAMPBELL: But, I'll
25 withdraw it.

46

1 COMMISSIONER DICHIRO: Well, I'm
2 not telling you to withdraw it. I'm just
3 thinking about the comment -- maybe I shouldn't

4 have made the comment.

5 CHAIRMAN MESOLELLA: Well, listen,
6 you know, I enjoyed the discourse. I'm
7 completely indifference myself.

8 MS. MILAS: Does the NBC have a
9 compliance officer?

10 CHAIRMAN MESOLELLA: Well, the
11 compliance officer would be our executive
12 director.

13 COMMISSIONER DICHIRO: I mean, I
14 could see the headlines, NBC abandons Ethics
15 Committee.

16 CHAIRMAN MESOLELLA: Right,
17 perfect.

18 COMMISSIONER DICHIRO: I mean,
19 there's probably a way to do that, but not --

20 CHAIRMAN MESOLELLA: All right.
21 So, are you officially withdrawing the motion?

22 COMMISSIONER CAMPBELL: Yes, I
23 officially withdraw.

24 CHAIRMAN MESOLELLA: The motion is
25 withdrawn. All right. So this is the letter,

47

1 Joanne?

2 MS. MACERONI: Yes, it is.

3 CHAIRMAN MESOLELLA: This is the

4 letter that was sent to the committee?

5 MS. MACERONI: Yes, Mr. Chairman.

6 CHAIRMAN MESOLELLA: This speaks to
7 the issue of our concerns regarding that
8 particular bill. So why don't we recess for
9 about 10 minutes while everyone gets some lunch,
10 and we will then start to prepare our
11 presentation, and I hope you enjoy the lunch.

12 (LUNCH RECESS)

13 MR. NORDSTROM: My name is Paul
14 Nordstrom, I'm the Director of Operations and
15 Engineering at the Bay Commission. Before I
16 start off, I'd like to thank Tina Grindeland who
17 helped Rich, Tom and I put this presentation
18 together. It's got a lot more pizzaz than if we
19 did it ourselves. If I were to give you a
20 30-second presentation on how the tunnel is
21 performing -- as I was driving in this morning,
22 I came to the realization that this coming
23 October it will be five years. It's such a
24 normal part of our operation, that it's almost
25 insignificant, as we look forward to some of the

48

1 other stuff that we're doing it runs, does what
2 its supposed to.

3 So, we'll go to the first slide,
4 and we'll bring it back to where we started.
5 This is our service area, all those black boxes.
6 With little numbers in them are the 65 overflow
7 points. So these are all the overflows in the
8 system. These are in Blackstone Valley Bucklin
9 Point system.

10 These overflows are in the Field's
11 Point system. Originally, the whole point of
12 the CSO Program after we finished the design
13 concept of the report was expected to achieve
14 98% reduction in the volume of overflows that
15 are released. An 80% reduction in shellfish bed
16 closures. We were only supposed to overflow
17 during very large storms, and in our case,
18 statistically, it's like a three month's storm,
19 which again, theoretically, would mean four
20 times a year, A year the tunnel would fill, and
21 that's with all three phases.

22 We've had situations where the
23 tunnel is filled quickly, and within two days
24 that being in March of 2009, with the floods
25 that we had, but then periods the last couple of

1 years where it's been maybe two or three times a
2 year. There's three phases.

3 The phase I'm talking about was
4 completed in October of 2008. Rich is going to
5 talk about Phase II, which is currently under
6 construction.

7 Tom Brueckner will talk about Phase
8 III, and whether or not we're going to complete
9 that by the 2021 deadline. So the program
10 objectives, we want to maximize the amount of
11 land sewer overflows we can capture.

12 And in the process of doing that,
13 we need to protect the tunnels, so it doesn't
14 implode from too much flow. We want to pump
15 flow to what was originally a secondary
16 treatment plant, now being our plant.

17 Whenever possible when the tunnel
18 is full, or as the tunnel is filling, we have
19 the ability to still pump flow to the plant, but
20 that will get a percentage at a lesser level of
21 treatment, which is the primary treatment and
22 disinfection. And if you were to look at the
23 plant from an aerial view, these tanks are wet
24 weather tanks before the tunnel.

25 Virtually, every time we had any

1 type of significant rainfall, we'd have to

2 activate those tanks, activate chlorination
3 provide primary treatment and disinfection to
4 that flow since the tunnel, and that was by an
5 operation standpoint, very hectic, very
6 stressful. You were getting the first flush of
7 the storm. It would raise havoc with the front
8 end of the plant. People would be running
9 around in every different direction, so a fair
10 amount of overtime because when we anticipated
11 having storms, we would have to generally pull
12 in extra people to assist us.

13 Phase I Facilities consist of the
14 CSO Diversion and Collection points, the storage
15 in the tunnel, itself. The tunnel has a
16 theoretical capacity of 66.5 million gallons,
17 but that's if you fill up the drop shafts. It
18 has a design capacity of 61.8. For a variety of
19 reasons, we're pretty much operating at about 60
20 million gallons.

21 If you can imagine, by the time you
22 get the signal to close the gates or when the
23 tunnel fills depending on the size of the storm
24 and the intensity, sometimes that can be
25 literally a blink of the eye. So right now the

1 current philosophy is try to start shutting the

2 gates so that we can contain 60 million gallons.

3 And the key aspect of the phase
4 facilities is the tunnel pump station, which
5 means instead of having to activate that wet
6 weather portion of the treatment plant, we can
7 limit flow to the treatment plant to 77 million
8 gallons. The excess flow drops into the tunnel,
9 and then as capacity becomes available at the
10 plant, we can empty the tunnel.

11 You probably have seen this slide
12 many, many times, but the point of the Phase I
13 facilities interceptor flow, the wet weather
14 flow, bringing it through the screening and grit
15 facilities located at the seven drop shafts,
16 drop flow into the tunnel in a circular pattern
17 to let the air escape so you don't have any
18 blown manhole covers, and then at the deaeration
19 chamber have the flow fill the tunnel.

20 This seems very complicated, but
21 let me tell you in terms of what the operators
22 sitting at the computer at Field's Point see,
23 this is a very simple way that they operate the
24 tunnel. There's an awful lot of information
25 that's being fed behind the scenes to the plant

1 computer; but in essence, these are several key
2 things that you would have to look at.

3 There's seven boxes of the seven
4 places where the flow enters the tunnel. By the
5 way, this big red dot that says emergency
6 closure we have never had to exercise that so
7 even though it is there, the important thing is
8 as the tunnel is filling the volume is
9 accumulating based on the level of flow in the
10 sewer. The amount of flow that is being pumped
11 from the pump station, and the amount of flow to
12 the plant is consistently monitored if you look
13 if you can read this it is telling you at this
14 instance at this snapshot. They had 34.1
15 million gallons of capacity to be able to pump
16 back to the tunnel. So what happened, the storm
17 starts, the gates are already opened, the flow
18 drops in the tunnel, and really all the process
19 monitors are doing is watching the tunnel fill
20 up.

21 If the tunnel doesn't fill up, then
22 about six hours of within closure or the stop of
23 the storm, they'll get a signal saying it's okay
24 to start pumping from the tunnel, provided of
25 course that there is flow capacity available.

1 There are sometimes where six hours after the
2 storm there still the flows to the plant are
3 high so they wouldn't be able to start the pumps
4 but that's the features that are built in.

5 Fairly simple from the operators
6 standpoint, fairly simple, but a whole lot of
7 stuff going on behind the scenes. In the end it
8 has become a way of life, far less stressful for
9 them, far better for the bay. And one last
10 point. If you ever get curious, on the
11 www.narrabay.com site, they have this little
12 graphic here that says CSO Phase I on-line since
13 October, 2008. This is how many billion gallons
14 of flow we have treated as of midnight last
15 night. That's updated every day.

16 There's a couple of other features
17 there. If you just clicked on this Construction
18 I Phase, if you were to click Construction
19 Update. If you have any questions about
20 detours, stuff like this, Jamie keeps this up.
21 This talks about all the detours and all the
22 streets on the East Side, and all the
23 construction activity.

24 It's pretty comprehensive, and I
25 know, I don't know, I imagine you get questions

1 all the time. You can send people to the site,
2 you can get on it, it's a public site. This
3 morning the EMDA folks got the award. If you
4 look at Snapshot of the Bay, that is the website
5 that they maintain that has all the data on
6 what's going on in the bay and to me that's a
7 good lead in to Tom Uva, who supervises
8 monitoring. It's a separate site.

9 MR. UVA: I'm going to brush by
10 these first slides, because Paul really covered
11 this. The tunnel was designed to capture 98% of
12 the volume and 80% reduction in shellfish
13 closures designed for a three-month storm, which
14 is 1.65 inches of rain in a six-hour period. So
15 when you have more intense rain events, you may
16 have discharges up to four times a year. So the
17 models estimate that we discharge 2.2 billion
18 gallons a year through our CSOs. And as Paul
19 mentioned, since the tunnel went on-line we've
20 captured 4.8 billion gallons. So we're
21 capturing about 50% of the flows that come out
22 of our CSO, and the results is significant water
23 quality improvements are being realized in
24 Narragansett Bay.

25 These are the monitoring stations

1 that we have. Every Wednesday we have a boat
2 that goes out on the bay, every Wednesday
3 morning, and our staff collects samples. One
4 Wednesday they collect samples for bacteria, on
5 the following Wednesday, they collect samples
6 for nitrogen, and these are the most
7 comprehensive samplings that's done in the State
8 of Rhode Island. Now we have some very, very
9 accurate data that can be used to base our
10 construction projects on very sound Science.

11 Next please: The samples for
12 bacteria shows significant improvement in
13 Narragansett Bay. The upper bay has realized at
14 32% reduction in bacteria contamination. That's
15 for the entire Providence River area, down to
16 Conimicut Point. The best improvements are up
17 in the upper bay, the upper half of the
18 Providence River, where we're seeing about 45%
19 improvement.

20 The lower portion of the upper bay
21 in the Conimicut Point region is only realizing
22 about a 9% improvement. And in the conditional
23 shellfishing area A & B we are seeing about a
24 26% improvement in the fishing grounds. The
25 biggest improvement is noted up near Point

1 Street. So if someone is at the Hot Club and
2 they have consumed a too much alcohol and fall
3 in the bay, they're not going to die from
4 bacterial contamination. Hopefully, they can
5 swim.

6 COMMISSIONER NATHAN: You used to
7 be able to dive in there.

8 MR. UVA: Yes, you used to be able
9 until the Bay Commission took over, and as you
10 can see, there's reductions at almost every
11 sample location throughout the upper bay.

12 Next please: And this shows the
13 contamination reduction based upon rainfall.
14 And as you can see, if a rainstorm is greater
15 than one inch of rain, we're seeing about an 88%
16 reduction in bacterial contamination of the bay.

17 Very impressive. For a rainstorm between a
18 tenth of an inch to a half of an inch, or a half
19 of an inch up to an inch, right about 65 to 66%
20 improvement in bacterial contamination
21 associated with the tunnel.

22 Next: Now the tunnel does more
23 than just improve bacteria. The water that's
24 captured in the trunk tunnel gets pumped back to
25 our wastewater treatment facility. And from

1 November of 2008 through the end of 2012, 1.6
2 million pounds of TSS 1.1 million pounds of BOD
3 have been removed.

4 And you may say, well, that's
5 pretty impressive, but what does that mean.
6 Well, when you discharge solids or BOD,
7 biochemical oxygen demand compounds into the
8 bay, they consume oxygen. So that means there's
9 more oxygen in the water for the fish.

10 We've also removed over that 4 plus
11 year period, about 111,000 pounds of nitrogen
12 that was discharged to the bay, and almost
13 50,000 pounds of heavy metals, the majority of
14 which is iron, about 39,000 pounds of iron,
15 about 8,300 pounds of aluminum. Beach closures:
16 We have three beaches in the upper bay, and
17 there were only three closures in the upper bay
18 for 2012. You can see the reduction in beach
19 closures. This blue line is for rainfall, so
20 the rainfall is pretty steady. And this is
21 during the summer months that you'd see from
22 Memorial Day through Labor Day.

23 Next: And throughout the bay we've
24 even seen closures and reductions. And you can
25 see the rainfall is still pretty consistent, but

1 bay wide last year we only had 29 beach
2 closures, and when you compare that to some of
3 the other years, where we had 80 and 76, and
4 once again, is all driven by rainfall is when
5 they close the beaches.

6 Next: And shellfishing. One of
7 our goals is to have one of the goals is the CSO
8 program. It's an 80% in reduction in shellfish
9 closure beds. Unfortunately, DEM doesn't have
10 any of this information computerized, and they
11 have everything on pieces of paper.

12 So to get accurate readings and
13 accurate data from them is very difficult on
14 this. But if you look at this map, this is
15 their closure map. And anything that's in red
16 are closed off to shellfishing. This orange
17 area up at the top is Conditional Shellfish Area
18 A, and below it is Conditional Shellfish Area B.

19 These fishing grounds are very
20 important to the shellfishing industry. 45% of
21 the shellfish harvest come from these areas,
22 approximately, 17.5 million clams a year at
23 about \$2.5 million in revenue for the shell
24 fisherman, so it's significant. And as a result

25 the DEM relaxed their shellfishing regulations

59

1 last year because the success of the tunnel.

2 So essentially, we've captured 4.8

3 billion gallons of flow, 32% percent reduction

4 in bacteria to the entire Providence River, 66%

5 reduction of bacteria to the Point Street

6 Bridge, 88% reduction in bacteria for storms

7 greater than one inch of rain, 1.6 million

8 pounds of TSS, 1.1 million pounds of BOD

9 removed, relaxed shellfishing regulations and a

10 decrease in beach flows in the upper bay.

11 The Department of Health is trying

12 to get three permanent new beaches open in the

13 upper bay. And the problem with that is cities

14 and towns have to pay for lifeguards, bathrooms,

15 there's liability issues, so they're trying to

16 encourage the cities and towns to do that, and

17 hopefully, they'll get another beach at Rocky

18 Point now that the state has taken that over.

19 Ray also asked me to give you a little update on

20 nitrogen, and how well we're doing on nitrogen.

21 MS. MILAS: Do we ask questions?

22 MR. UVA: Sure, absolutely.

23 MS. MILAS: Do you all coordinate,

24 you coordinate with DEM, like, do you have fax,

25 but DEM only has it on carbon paper, or

60

1 something?

2 MR. UVA: Yes, very good question,
3 Commissioner. I'm involved in so many state
4 work groups. I'm the Vice Chair at Rhode Island
5 Environmental Monitoring Collaborative.

6 I'm constantly educating our
7 Stakeholders about all of our data, this is why
8 we created the Snapshot of the Bay website, so
9 stakeholders can quickly go there, download all
10 the data, they can download it in spreadsheets
11 that they can sort the data, and use it. We
12 coordinate shellfishing when we had the floods
13 of March 2010, we coordinated with DEM, to
14 reopen those shellfishing grounds as soon as
15 possible.

16 We sampled certain areas, they
17 sampled certain areas. They took a lot of our
18 samples. The Department of Health analyzed
19 them. There's different requirements for
20 shellfishing than there are for just swimmable
21 waters. So, yes, we do coordinate everything
22 with them and we try to provide them access. We
23 have taken, our data has taken the upper bay off

24 the DEM TMDL list for toxic metals, and all the
25 pollutants because of our data, and that helps

61

1 us and our ratepayers, because they don't have
2 to pay for additional treatment to remove things
3 that are not really needed to be removed. So
4 we're trying to give them the sound science, so
5 they can make sound decisions, and there's not
6 duplication of efforts, that's right.

7 We are handling primarily all of
8 the upper bay in our receiving water. And what
9 they're doing in their permits now is trying to
10 get the owners of the wastewater treatment
11 plants to do the monitoring of their own
12 receiving waters because they have no funds to
13 do that.

14 MS. MILAS: Thank you.

15 MR. UVA: You're welcome. We're
16 all familiar with the money that we're spending
17 on nitrogen removal here at the Narragansett Bay
18 Commission. This was all driven by the fish
19 kill in August of 2003 in Greenwich Bay where
20 millions of fish were killed. As a result, the
21 Senate and the House held numerous hearings and
22 legislation was passed that required the DEM to
23 issue new permits to the wastewater plant in the

24 upper bay, and impose a 50% reduction on the
25 wastewater treatment plant on the amount of

62

1 nitrogen release.

2 So there are many problems
3 effecting oxygen levels. What you see in this
4 burnt orange is the DEM area of impaired oxygen,
5 and they recently added this purple area to it,
6 so they lowered it down to almost as far down as
7 Quonset. And the DEM definition of oxygen
8 impaired means that you're below three, you're
9 hypoxic for a period of time. It can be
10 sporadic. It doesn't have to be all the time.
11 There's many causes that causes flushing of the
12 bay, nitrogen, from fresh water inputs,
13 reservoirs, other physical factors, lack of wind
14 and warm water.

15 Next, please: There are two main
16 culprits that happen in the bay. One is them is
17 algae bloom. Algae is caused by nitrogen in the
18 water that fertilizes the algae. It blooms,
19 it's like a plant or a phytoplankton, an animal,
20 and the algae blooms, it feeds the fish, it
21 feeds the shellfish. But when the sun goes in,
22 it dies and floats to the bottom, and it

23 consumes the oxygen, and it depletes the oxygen
24 in the bottom waters. The other thing that
25 causes low oxygen in the bay is called

63

1 stratification. And this is caused by
2 freshwater inputs into the bay. And what
3 happens is you have a layer of freshwater on the
4 surface.

5 The freshwater is lighter than the
6 salt water. The freshwater absorbs all the
7 oxygen and it can't penetrate to the bottom, so
8 the oxygen layer at the bottom is deprived of
9 oxygen.

10 Next: And this is what we have in
11 Narragansett Bay. If you look at the DEM map of
12 impairment, it's all where we have freshwater
13 inputs into the bay, where all the rivers are
14 dumping freshwater into the bay.

15 Next line please: So we're
16 building and operating our facilities at Field's
17 Point and at Bucklin Point to remove nitrogen,
18 and I added this slide in because Commissioner
19 Nathan asked me about this little media that we
20 have. We don't have much room at this facility
21 to add additional tanks, so we added this media
22 into the IFAST process.

23 And the media on the left you could
24 see what it looks like before it's in the tank,
25 and the media on the right you can see the

64

1 bacteria grow all over this media, so we have a
2 lot more population of bacteria in the treatment
3 tanks that will break down the nitrogen. 2012
4 was an incredible year. It was the lowest
5 nitrogen in upper Narragansett Bay that we have
6 ever seen on record of any time that monitoring
7 has been done.

8 At Field's Point, we average for
9 the season, 7.6. During the month of August, we
10 averaged 4.2. We've already reduced our
11 nitrogen load from Field's Point by 3,200
12 hundred pounds since the year of the fish kill,
13 which is very, very dramatic. For this year
14 we're averaging seven from January through
15 April.

16 For the month of April we average
17 4.1. Many days in the month of April, as Ray
18 indicated in his presentation, we were below 4.
19 So when they imposed a limit of 5, that doesn't
20 mean you hit 5, you're going to be below 5. So
21 the cost of this just for the nitrogen elements

22 was \$31 million. And at Bucklin Point, we've
23 designed to meet eight and a half, about \$8.3
24 million was spent on that upgrade, and an
25 additional upgrade last year we averaged 6.4

65

1 parts per million for 2012. We're spending
2 about \$13 million on the nitrogen elements of
3 that upgrade to remove 158 pounds a day of
4 nitrogen. That's quite an expensive
5 expenditure.

6 Next line: Overall, how are we
7 doing? Well, since the fish kill of 2003, the
8 year of the fish kill, we were discharging 8,700
9 pounds from our two facilities. Last year we
10 discharged 3,600 pounds, a 59% reduction. As of
11 last year, we've already exceeded the state
12 mandate of a 50% reduction. When our facilities
13 are on-line and both are below 5, we expect to
14 be above 71% reduction. As of this year
15 already, we're at a 77% reduction, because we're
16 lower than the 5.

17 This calculation here when the
18 facilities are done the 72% reduction, that
19 anticipates that -- well, we're just going to be
20 just at 5, but as I indicated, when we run a
21 facility, we have to be in compliance. We're

22 going to be below 5. And as we go to 3, we're
23 looking at about \$165 million and another a
24 thousand to 1,500 pounds to be removed.

25 Next line: So as I indicated here,

66

1 when you compare the loading from the wastewater
2 plant to Narragansett Bay, and we compare it to
3 the year 2003, the year of the fish kill. The
4 wastewater treatment plants overall achieved a
5 58% reduction, and we have achieved a 59%
6 reduction when compared to 2012 to the year of
7 the fish kill.

8 Next line: DEM has used when they
9 developed this legislation that mandated this
10 50% reduction, they used the year of 1995/'96 as
11 the baseline year. We have gone through the DEM
12 records and all of their reports trying to find
13 how many pounds that is, and it's very difficult
14 to find an exact number of pounds. So it's kind
15 of allusive.

16 They did some calculations to
17 determine that. And if we look at all the
18 wastewater plants, we're at about a 48%
19 reduction, and we are still at a 57% reduction
20 based upon our accurate data.

21 Next: So as I indicated, we
22 monitor the bay, and all of these locations
23 every other Wednesday. And what does this mean
24 for Narragansett Bay, our reductions? Well, DEM
25 imposed these reductions without sound Science.

67

1 They didn't do a total maximum daily load. So
2 we're trying to find out what should the bay be
3 at? And we went to the EPA Report. It's called
4 a National Coastal Condition Report developed by
5 Noah and EPA.

6 And for our estuaries in the
7 Northeast, if you can get below a concentration
8 of DIN .1 or less, you'll have a very good
9 estuary that will promote eel grass growth,
10 oyster formation, and basically good oxygen
11 levels.

12 Next: In 2010 at Conimicut Point
13 we were a .1, not quite less than .1, but the
14 entire Providence River was in the fair category
15 based on that report.

16 Next: In 2011 once again, the
17 entire river was in the fair category, but the
18 number at Conimicut Point doubled, it was .2,
19 but the rainfall increased dramatically.

20 But for 2012 Conimicut was in the

21 good category. And the rest of the Providence
22 River is following suit. But once again, that
23 was a very high rainfall during those seasonal
24 months, 25 inches of rain.

25 Next: So we have done some

68

1 calculations, and we are projecting that the
2 entire river, the Providence River, south of
3 Field's Point is going to be in the good estuary
4 category by 2014 when our upgrades are done.

5 Next: I included this to show you
6 what happens, what affects the bay
7 significantly. This is all about sampling data
8 for nitrogen for the whole upper bay. The
9 Narragansett Bay Commission is in red at the
10 bottom here and these triangles of rainfall.

11 And what you can see is that when
12 it rains, a daily load of nitrogen increases
13 dramatically, where we discharge about 3,000
14 pounds a day. This is 80,000 pounds here. This
15 is a 100,000 pounds. So big rain events wash in
16 nitrogen from all over the water shed into the
17 bay.

18 And so we've been looking for the
19 smoking gun, and I've had my brilliant

20 scientists trying to find what is the smoking
21 gun? What is the real cause of hypoxia in the
22 bay? And this is what we came up with.

23 This top graph shows rainfall from
24 2007 to 2012. This bottom graph shows DEM
25 calculation of hypoxia, the percent of time the

69

1 bay is not compliant for dissolved oxygen. And
2 this is the old method that they used to use
3 that. We still evaluate it's more stringent.
4 And as you can see, hypoxia or low dissolved
5 oxygen, oxygen impairment in the bay follow
6 rainfall dramatically.

7 Next: So what we're doing now is
8 we're trying to do a statistical analysis to
9 show year by year what actually caused each
10 impairment throughout the bay for those years.
11 So that we'll have very good sound Science to
12 work with the DEM in the future if we need to on
13 future permit revisions. Any questions?

14 MS. MILAS: So if we're so much
15 more sophisticated than the other treatment
16 plants, does it end up like the negative, or
17 just a break even when it comes to the bay as a
18 whole?

19 MR. UVA: We are still a major

20 contributor of nitrogen to the bay, we were.
21 But now all of the wastewater plants in the
22 upper bay are reducing. The upper Blackstone
23 Valley is meeting up to five parts per million
24 in their permits. All of the different plants
25 have to do something, so they're all reducing.

70

1 So we're all in the same boat. But, what
2 happens is all of the wastewater treatment
3 plants, now our piece of the pie shrinks.
4 So the piece of the pie from this
5 stormwater and other sources increase. And
6 Ray's going to mention about stormwater today,
7 and this is probably one of the reasons why the
8 state wants to create the stormwater utility
9 district, and shift the burden to us once again
10 to take that over, so that hasn't been
11 mentioned.

12 COMMISSIONER NATHAN: As the
13 largest sewer treatment plant, we also had the
14 largest revenues and the best ability to put
15 money into good Science. So that there's nobody
16 else in this watershed area, no one else has
17 equipment to do that variant, not Brown, not
18 Save the Bay, nobody is doing it.

19 MR. UVA: We're the best, because
20 of you folks that we are the best.

21 COMMISSIONER HANDY: So a lot of
22 this has to do with the rainfall, and the amount
23 of rainfall. Aren't we seeing that it's hard to
24 predict how much rainfall we are going to get?

25 MR. UVA: We have --- you're

71

1 absolutely right. We have a proposal that we
2 have put forward to the state on more or better
3 ways to improve water quality, a more
4 sustainable way. Think of us this way, if we
5 are required to go to three for nitrogen, we
6 have to pump in a lot more electricity. As we
7 pump in that electricity, we create more
8 greenhouse gases, more greenhouse gases we emit
9 will contribute to climate change and more
10 rainfall.

11 So that's really a sustainable
12 solution, and we're telling DEM, no, it's not,
13 we have other sustainable solutions and better
14 ways to improve water quality. We just received
15 150,000 thousand dollar grant from the
16 Governor's Bays, Rivers and Watershed
17 Coordination Team, and move that project
18 forward.

19 MR. GADON: The worst contributor
20 to heavy nitrogen loads that haven't been
21 lessened.

22 MR. UVA: Yes. I think I have to
23 get out of here because Ray's got the big hook
24 for me. So, I'd be glad to chat with you guys
25 anytime you want to hear more about nitrogen.

72

1 Thank you.

2 (APPLAUSE)

3 MR. BERNIER: I'm going to quickly
4 go through the status of Phase II. Under the
5 original scheme, we had large projects. We have
6 the Woonasquatucket, CSO, and Interceptor
7 alignment, and we have the Seekonk River, CSO
8 and Interceptor alignment. We took those jobs
9 and created smaller contracts so the local
10 contractors could bid. As a result, we came in
11 with better bids.

12 The first contract that went out
13 which was modifying two regulators, one here,
14 one here, and installing two new regulators for
15 the existing outfalls. That is a hundred
16 percent complete, and currently is under budget,
17 under the bid.

18 The next contract was Contract 11,
19 which is along the bike path, Sheraton Street to
20 Glenbridge, and one regulator. That contract is
21 now complete, and they're currently restoring
22 landscaping and paving the bike path. Once
23 again, we show estimates versus the bids.

24 Another contract was C14, which we
25 broke out two, a regulator and a diversion

73

1 structure underneath the Sheraton Bridge. The
2 contractor presently has the regulator built and
3 is working on the conversion structure. That
4 one came in slightly over our estimate, and so
5 far change orders have been non-existent on that
6 one.

7 The biggest contract was Contract 3
8 which is microtunneling and the drop shaft and
9 adit. The adit is at Governor Dyer tied into
10 the existing microtunneling and we microtunnel
11 all along this alignment. The microtunneling is
12 approximately 30% complete. They've completed
13 from here to here, and along here. Currently,
14 they're tunneling in this area. This is the old
15 GE site, Harris Avenue.

16 This by far came in the best. As
17 far as the bid, the estimate was \$90 million,

18 and \$60 million was the actual low bid. We're
19 about 32% complete with the entire project.
20 Contract 10 was at Davis Park, where we
21 reinstalled two regulators, modified a third,
22 and installed piped through the park.

23 That work is complete, and they're
24 just completing restoration. And once again, we
25 haven't caught up with the change order yet, but

74

1 they're very minimal on this project. And the
2 only thing they have left is the final punch
3 list. To make way for the C3 Contract, we had
4 to demolish structures. We had to obtain land
5 and demolish the Chinese restaurant on Manton
6 Avenue, as well as three or four other buildings
7 along Valley Street and Genero Way. George's
8 Tire, for those of you are who are familiar with
9 the area. The estimate is a half a million,
10 actually, \$200,000, and the final cost was 108,
11 and that job is complete.

12 On the other side of the river for
13 the Seekonk CSO Interceptor, we broke out a new
14 CSO on River Road. That job is complete. Once
15 again, the bids came in very good. The second
16 contract is the C4, and it is microtunneling

17 from Pitman Street to behind Eastside
18 Marketplace, down along the river through Gano
19 Street Park, through the ball fields, out on
20 Gano Street and along India Street.

21 Right now he has completed two
22 microtunneling sections from I 95 South, and
23 behind Wyndham Hotel. He's currently
24 repositioning his machine for another run. And
25 once again, the estimate is around \$35 million.

75

1 They came in virtually half. This contract's
2 about 25% complete. We also did sewer
3 separation on the East Side. This is the old 37
4 area, which is North Main Street to the
5 Pawtucket line. First contract we laid out was
6 C6, which is west, which contains North Main
7 Street, and all the area west.

8 This work DOT required us to do at
9 night, virtually, well, not virtually, but all
10 the pipe have been installed. They have maybe
11 15 or 20 catch basins left to install, and they
12 will start with pavement restoration. There's a
13 lot of money tied up in the pavement
14 restoration. That's why that looks so low.
15 Once again, we're doing very well with the
16 change orders on this contract.

17 C7, the Board voted on it, awarded
18 at the last Board meeting. We just signed the
19 contract two weeks ago with a notice to proceed.
20 He should be starting within a couple of weeks.
21 And basically, it takes from Colonial up to
22 Fourth Street and feeds into the C6 contractor.
23 The next one is C8, which is the
24 area north of the south contract, is from Fifth
25 Street up to Hillside. And the upper limit,

76

1 this is Summit, this is Miriam Hospital. This
2 contractor started April 1st. He's worked in
3 Hillside, Chase and Greaton. He has just
4 started this past week working in Fifth Avenue,
5 which is a major road to get to Miriam Hospital.
6 We have set up detours in place, and all
7 ambulance, and whatnots will go through Fourth
8 Street to get to the hospital.

9 All these contracts have been
10 coordinated very, very closely with the
11 hospital, and all the other utilities; the water
12 company, the gas company, and electric company.
13 Like I say, it just started in April, so it's
14 just underway.

15 Our C5 Contract is along Hope

16 Street and east. The major part was on Hope
17 Street from Glendale down to Chase. We also did
18 some work on Blackstone Boulevard. He has
19 completed all underground work. He is presently
20 restoring Hope Street.

21 They're approximately two-thirds
22 complete with putting in the concrete base for
23 Hope Street. And once he is completed with the
24 concrete base, he will go back, Hartshorn Road,
25 and put curb-to-curb paving. So it will be a

77

1 brand-new road from Glendale down to Chase.
2 This is the one that's probably getting the most
3 press. Once again, all the underground work is
4 down, and the rest of the money is in
5 restoration. He's also doing, paving a lot of
6 the side streets that he worked in, so there's a
7 lot of work in curbing sidewalks, whatnot, going
8 on in the side streets.

9 This wetlands facility out in
10 Central Falls Lincoln line, Moshassuck Valley
11 Industrial Highway. We're putting in a storage
12 facility, so that overflows will go to the
13 storage facility. It will be pumped back to an
14 interceptor during low flow after the storm.
15 Anything that exceeds a storage capacity will go

16 to a wetland for treatment before it enters a
17 pond.

18 This is a contract that last fall
19 we had to come to the Board for money for PCBs
20 that were found in doing excavation. They spent
21 approximately \$400,000 to remediate the site,
22 approximately a thousand tons went to Model City
23 in New York at a cost of about \$400,000. That
24 was for PCBs that were in excess of 50 parts per
25 million.

78

1 There's another over 5,000 cubic
2 yards of material that's between one part per
3 million and 49 part per million that can stay on
4 site. So instead of hauling it off at a cost of
5 \$1.4 million estimated, we decided to lose it
6 on-site, but to do that we have to change the
7 design. And we're going through that right now.
8 The contractors are pricing up all the changes
9 that we have to do.

10 We have to put extra piles in. We
11 have to put a retaining wall to hold back the
12 dirt. But we will utilize the soil on-site, and
13 it will remain on site. And we'll see what he
14 comes in for a cost, and we'll go the most

15 cost-effective way. We suspect that leaving it
16 on site will be more cost-effective than
17 removing it.

18 The 36 percent is basically the
19 excavation in getting rid of the PCBs. We
20 haven't executed the change order yet because we
21 don't have final numbers. We were waiting to
22 get a final tally, and then we're going to
23 execute the change order for the 400 grand.

24 This gives a summary of all the
25 jobs. The blue is the estimates on an

79

1 individual basis. The red is a bid, and the
2 green is the cost to date with executed change
3 orders. And as you can see on a per contract
4 basis, we're far below the estimate. This is a
5 summary of all the jobs combined. Our estimates
6 were \$207 million. Our low bids were 131. And
7 currently, were at \$140 million with executed
8 change orders. So we're still well below 30% of
9 what our original estimates were for this
10 program.

11 Once again, we realize excellent
12 bids due to breaking up the contracts into
13 smaller contracts, and the bidding environment.

14 MR. BRUECKNER: Phase I, Phase II,

15 and now we have to start on, actually, design
16 Phase III another year. Prior to doing design
17 of Phase III, we said we were going to go back
18 and look at the original plan done in '98 to see
19 if we wanted to make any changes to it. If you
20 look at this graphic up here, the upper
21 right-hand corner which is the dark blue, that's
22 the Phase III program.

23 It consists of another tunnel,
24 which is going to be 26 feet in diameter, 13,000
25 feet long. There are two interceptors up in the

80

1 upper right-hand corner. We have five sewer
2 separation projects proposed. I don't think
3 we're going to do five sewer separation
4 projects. And we also have an adit which is the
5 leg coming off main tunnel to the left there
6 which picks up two overflows, overflows 19 and
7 20. So these are the tasks that we're going to
8 be doing and the reevaluation which we'd like to
9 start soon, and finish that up by the end of
10 December 2014, which is when Phase II is
11 supposed to be finished. Once Phase II is done,
12 we're supposed to start on preliminary design of
13 Phase III.

14 So what we'd like to do before we
15 start the preliminary and design is we'd like to
16 develop the sewer hydraulic model for the
17 Bucklin Point Service Area. That model would be
18 used in developing the design for the overflows.

19 The second task would be to
20 evaluate the recommended abatement method for
21 all of the overflows in this Phase III, which is
22 26, 26 overflows. And the questions we'd want
23 to ask for each overflow is is it the most
24 cost-effective method still?

25 And for sewer separation, I think

81

1 that there are several areas where we may be
2 able to go to just a regulated modification.
3 This is based on the flow monitoring we've been
4 doing since we, probably the last five years
5 we've been collecting data on the overflows, so
6 we know how big they are, and what alternative
7 might be the most cost-effective for them, and
8 how big we're going to have to make our
9 facilities in Phase III.

10 And the other is are there any
11 green infrastructure alternatives? Since we
12 assessed the latest from EPA, what they're
13 really looking for is promoting this green

14 infrastructure, such as, you know, pervious
15 surfaces and green space to collect these
16 overflows to abate them before they even get to
17 the sewer.

18 The next one is evaluate changes in
19 water qualities since completion of Phase I.
20 That actually will be done, or that chapter will
21 be done by our own EMDA section, Tom Uva's
22 group. Since they've got all the data, which
23 Tom talked about.

24 The next one, we also want to
25 develop a cost estimate for Phase III and

82

1 determine the following, which is how much of
2 the sewer rate is going to be impacted, and part
3 of the original report was affordability
4 criteria based on EPA information they'd given
5 us, and we have to determine if this project is
6 still affordable.

7 And the other is will it meet water
8 quality standards, or based on the evaluation
9 done by Tom. Do we already meet the standards
10 and do we even have to do all of the components
11 of Phase III? We also want to the map the
12 project areas so that we'll have that

13 information available to start the preliminary
14 design right from the beginning.

15 We want to conduct a soil and rock
16 boring program for the overflow through 220,
17 which I mentioned was quite far away from the
18 tunnel. And that's just to help us determine
19 what's the best way to get that flow to the
20 tunnel, whether we want to go an adit, force
21 main, gravity line, whatever.

22 And then the last task would be to
23 meet with the Stakeholders to discuss the
24 results and receive feedback. When we did the
25 original plan, we had a Stakeholders group that

83

1 convened. This was prior to 1998. We got quite
2 a bit of feedback from them, and they wanted to
3 continue to be involved in evaluations of the
4 success of the program, so we will reconvene the
5 group and present to them our findings for the
6 Phase III reevaluation to see if they're still
7 on board. Any questions?

8 MR. GADON: Do they have to approve
9 it, the Stakeholders before you proceed.

10 MR. BRUECKNER: Well, DEM has to
11 approve Phase III. The Stakeholders don't, but
12 we will be looking for feedback from them to ---

13 again, on the reevaluation.

14 MR. GADON: Was originally, or it
15 was going to be decided whether we had to have
16 Phase III?

17 MR. BRUECKNER: Well, I mean,
18 realistically, I don't think we'll going to be
19 able to do nothing for Phase III, because it was
20 part of the approved plan. The question is,
21 just how much do we have to do for Phase III.

22 MR. GADON: And that's done under
23 the control of DEM?

24 MR. BRUECKNER: Right. And
25 basically, it is do you meet water quality

84

1 standards. That's the driving criteria as to
2 whether or not you have to do the program.

3 MR. GADON: Again, what's the
4 estimated main cost of Phase III?

5 MR. BRUECKNER: It's in the CIP. I
6 think it's \$600 million.

7 SECRETARY MARSHALL: Okay. Thanks
8 Tom. That's all the presentations we have.
9 I'll also mention the Stormwater District
10 Concept. There's a series of meetings that are
11 supposed to occur this summer. We're going to

12 participate in those, but that's a long way from
13 being resolved in any way, shape or form.

14 There's no legislation associated
15 with that that we know of. And the other item
16 we have on here is the Lateral Sewer Study Bill
17 passed the House last year, did not go anywhere,
18 in the Senate, and has not been reintroduced
19 this year. So there's no movement on us taking
20 over the lateral sewers at this point in time up
21 at the General Assembly.

22 CHAIRMAN MESOLELLA: Thank you for
23 that, Ray. I think we're done. All in favor to
24 adjourn say aye? Any opposed?

25 (UNANIMOUS VOTE)

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1 CHAIRMAN MESOLELLA: Motion
2 carries. Thank you for your patience.

3 (HEARING ADJOURNED AT 1:30 P.M.)

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1 C-E-R-T-I-F-I-C-A-T-E

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3 I, PAULA J. CAMPAGNA, CSR, a Notary
4 Public, do hereby certify that I am expressly
5 approved as a person qualified and authorized to
6 take depositions pursuant to Rules of Civil
7 Procedure of the Superior Court; especially, but
8 without restrictions thereto, under Rule 28 of
9 said Rules; that the transcript contains a true
10 record taken at the above-entitled proceeding.

7

8 IN WITNESS WHEREOF, I hereunto set my
9 hand this 15th day of June, 2013.

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PAULA J. CAMPAGNA, NOTARY PUBLIC/CERTIFIED
COURT REPORTER

MY COMMISSION EXPIRES: April 19, 2014

IN RE: Narragansett Bay Commission
Monthly Board Meeting of the Commission

DATE: May 20, 2013

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