



Deposition of:
Talbot County Council Work Session

August 12, 2019

In the Matter of:
Talbot County Council Work Session

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COUNTY COUNCIL OF TALBOT COUNTY, MARYLAND

Work Session

Ferry Point Preliminary Engineering Report

August 12, 2019; 5:30 p.m.

Council Chambers, Easton, Maryland

COUNCIL MEMBERS:

Corey W. Pack

Chuck F. Callahan

Frank Divilio

Pete Leshner

Laura E. Price

Reported by

Diane Houlihan

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1 TRANSCRIPT OF PROCEEDINGS

2

3 MR. PACK: Good afternoon, everyone.

4 Thanks for coming out with us.

5 This is a work session with Council and

6 BayLand and also with Ray Clarke, our county

7 engineer. This is picking up from our work

8 session we had back on May the 30th. And

9 during that work session, the Council had some

10 additional questions regarding the BayLand --

11 I'm sorry. Regarding the Ferry Point Marina

12 possibility study of an on-site wastewater

13 treatment plant. Some additional questions

14 were had of Council, and those questions were

15 sent back to Mr. Clarke to sit down with

16 BayLand and also with Rauch to get those

17 answers for us.

18 So this is a follow-up of our May 30th

19 meeting to address some of those outstanding

20 questions that Council had.

21 So Mr. Clarke, with that as our

Page 3

1 introduction, I'll turn it over to you.

2 MR. CLARKE: Thank you, sir. Just so the

3 public knows, we do have some handouts if they

4 would like them. There's kind of a summary of

5 the project, as well as a cost estimate sheet.

6 So if you don't have that, feel free to grab

7 one.

8 I guess the other thing, too, is I'll just

9 introduce on my left is actually Duane Wilding.

10 He is the I guess senior engineer with BayLand

11 Designers and Consultants.

12 Ultimately, I guess as Mr. Pack noted, we

13 did have a work session on May 30th. And I

14 think some questions came up as to the

15 differences in the cost for the treatment.

16 So we then, per I guess the Council's

17 request to try to get a better understanding of

18 what happened, we scheduled a meeting on

19 June 10th between BayLand with Duane Wilding in

20 attendance and then Rauch, Incorporated with

21 Bob Rauch in attendance.

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1 During that meeting, we were going to go

2 through the table of costs. And I think at

3 that point Bob -- and again, I want to say a

4 lot of thanks to Bob Rauch from Rauch,

5 Incorporated. Bob basically brought with him

6 actual construction cost data. So he looked at

7 or he brought projects that his firm has

8 actually completed on the shore.

9 And basically with that, provided that

10 data to BayLand. BayLand then had the

11 opportunity to go back with basically more real

12 construction cost data, update it.

13 Now, I will say this is a preliminary

14 engineering report. And it's really in our

15 best interest to get our numbers close. But we

16 don't want to be too low. I mean it's kind of

17 opposite of where we tend to go. Because we're

18 going to be presenting these costs to our

19 financing agencies or agencies that we're

20 seeking funding from, such as Rural Development

21 as well as the Maryland Department of the

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1 Environment.

2 So sometimes we want to have some of I

3 guess contingencies incorporated in the

4 numbers. So you will see maybe some costs will

5 probably be pumped up a little bit for that,

6 for those contingencies.

7 With that, I will just also note that as

8 far as I guess today's focus really is going to

9 be about the treatment system for the Ferry

10 Point Marina, as well as I guess the commercial

11 as well as residential properties.

12 At the end of the session, we can talk to

13 you a little bit about some final

14 recommendations for the report.

15 I will say that from I guess today back to

16 let's say back in May, I did reach out to the

17 Town of Trappe to try and see if there was

18 anything that could move forward with them.

19 Unfortunately, I have to report that we did not

20 have anything in concrete that we can say that

21 would be an option.

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1 So I think from my perspective and talking
 2 with Duane, we really want to I guess at this
 3 point finalize the report with the treatment
 4 options. So that's kind of where we're headed.
 5 At this point, I'm going to turn it over
 6 to Duane to maybe go through the maybe summary
 7 and then ultimately the cost estimate. And
 8 then we can answer any questions at that point.
 9 MR. PACK: Great. Thank you.
 10 MR. WILDING: Thank you, Ray. Let's see,
 11 being I'm an engineer, I can throw out facts
 12 and figures pretty quickly and sometimes don't
 13 explain them well. So just stop me at any
 14 point. And I'm going to try not to get into
 15 the minutia of this.
 16 As Ray introduced, we did the preliminary
 17 engineering report. And on this sheet of paper
 18 here, I'm just going to kind of walk you
 19 through that. That's defined there, the PER.
 20 That's what we'll refer to it as.
 21 The equivalent dwelling unit, in the

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1 wastewater world that's where you assign flows
 2 to basically to houses and then equivalent
 3 flows to commercial entities.
 4 So in this case, for Maryland and Talbot
 5 County, one EDU is assigned a flow of
 6 250 gallons per day. And then we define MBR,
 7 which is a type of treatment system called a
 8 membrane bio reactor.
 9 So specifics in the projects. Most of you
 10 are familiar with the area. We looked at the
 11 service district. So the main service district
 12 is in red. We also looked at the area in blue,
 13 which I think it's called Bolingbroke. But
 14 these figures here are just in the Ferry Point
 15 area that's delineated in the red.
 16 So the number of parcels there are 14
 17 improved, five unimproved, with a total of 19.
 18 Commercial parcels, four improved, one
 19 unimproved, for a total of five.
 20 Then we assigned the EDUs, and that's 14
 21 existing and five in the future. The

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1 commercial EDUs, again, that's based on flow
 2 for commercial entities. So basically their
 3 flow, and we did projections talking with them
 4 about what their flow is going to be or used a
 5 table that the Department of the Environment
 6 and the county uses to basically assign flows,
 7 either existing or future, for various
 8 commercial entities. So that's 21 existing, 15
 9 future. And again, that's probably -- that
 10 could be subject to change.
 11 Again, I think we'll get through this and
 12 then maybe some discussion with them. The way
 13 this all turns out, they may want more EDUs or
 14 less EDUs. So that gives a total of 35
 15 existing EDUs and 19 in the future.
 16 Then the wastewater flow is estimated to
 17 be from the residential area at about
 18 3,500 gallons existing, 12,050 in the future.
 19 MR. CLARKE: 1,250.
 20 MR. WILDING: 1,250.
 21 MR. PACK: Not 12,000. Yes.

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1 MR. WILDING: And commercial wastewater
 2 flows, a little under 5,000 gallons for
 3 existing and another 5,000 gallons roughly for
 4 the future. So that gives a total projected
 5 flow of around 15,000 gallons per day.
 6 So once we came up with the flow
 7 estimates -- and this is similar, by the way,
 8 to what Rauch Engineering had done, but I think
 9 they just were looking at more for one or two
 10 of the commercial entities.
 11 So we evaluated sewer system conveyance
 12 options. You can use a grinder pump at each
 13 either house or commercial area. You could use
 14 a gravity sewer or a septic tank effluent pump.
 15 And the recommended option is to go with a
 16 grinder pump.
 17 For the wastewater treatment plant
 18 options, again, there's various systems that
 19 could work. And there's pros and cons for all
 20 of them. We evaluated the membrane bio
 21 reactor, sequencing batch reactor, and then a

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<p>1 community septic system. And there, again, the</p> <p>2 recommended option is the membrane bio reactor.</p> <p>3 So then we get into disposal of the</p> <p>4 treated wastewater. One option is to</p> <p>5 discharge, direct discharge to the Choptank</p> <p>6 River, subsurface discharge using a drain</p> <p>7 field, and then also ground water discharge</p> <p>8 using spray irrigation. There the recommended</p> <p>9 option is discharge to the river.</p> <p>10 Pumping wastewater, in item D, pumping</p> <p>11 wastewater to existing municipal wastewater</p> <p>12 plant. We also evaluated that. Typically</p> <p>13 that's going to be your cheapest option. So we</p> <p>14 wanted to look at that.</p> <p>15 Cambridge is not too far away, but</p> <p>16 unfortunately it's on the other side of the</p> <p>17 Choptank River. And it was just too costly for</p> <p>18 directional drilling. It's the distance across</p> <p>19 the river is just too great there. And also</p> <p>20 putting a pipe on the bridge was not cost</p> <p>21 effective.</p>	<p>1 MS. PRICE: Right. We haven't had a</p> <p>2 conversation with Trappe.</p> <p>3 MR. CLARKE: Correct.</p> <p>4 MS. PRICE: We have not had a conversation</p> <p>5 with Trappe elected officials.</p> <p>6 MR. CLARKE: Right.</p> <p>7 MS. PRICE: So the commitment to me is not</p> <p>8 relevant because the elected officials haven't</p> <p>9 had a conversation.</p> <p>10 I still want to know what the cost</p> <p>11 estimate is so that when we're looking at this</p> <p>12 spreadsheet --</p> <p>13 MR. CLARKE: And we can get --</p> <p>14 MS. PRICE: -- we can see that as well.</p> <p>15 MR. CLARKE: We can get that to you.</p> <p>16 And I think just so the Council is aware,</p> <p>17 as long as we have these options in the PER,</p> <p>18 the preliminary engineering report, then if</p> <p>19 there is let's say a change, then as long as</p> <p>20 it's been identified, the funding agencies will</p> <p>21 work with us. So that's the key.</p>
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<p>1 So the best option for pumping to an</p> <p>2 existing plant is Trappe. And as Ray I think</p> <p>3 mentioned, they were contacted, but we haven't</p> <p>4 really gotten a response from them.</p> <p>5 MS. PRICE: Well, what I would say is that</p> <p>6 would be a conversation the elected officials</p> <p>7 would need to have with Trappe.</p> <p>8 MR. WILDING: Yeah.</p> <p>9 MS. PRICE: And I mean I think that that's</p> <p>10 kind of irrelevant because it would be</p> <p>11 something we would need to work out with them.</p> <p>12 I would still like just for comparison</p> <p>13 purposes to know what that cost is estimated to</p> <p>14 be.</p> <p>15 MR. CLARKE: Ms. Price, just to let you</p> <p>16 know, it's part of the PER. It's really</p> <p>17 important for us to actually, we can identify</p> <p>18 that in the PER that it was an option that we</p> <p>19 evaluated and reviewed. However, we did not</p> <p>20 have a commitment to move in that direction.</p> <p>21 So we're moving --</p>	<p>1 But I think at this point, we couldn't</p> <p>2 finalize on the Trappe option on the PER until</p> <p>3 we really had a commitment. And that was our</p> <p>4 problem right now.</p> <p>5 MR. WILDING: Right. Plus the cost</p> <p>6 associated with that.</p> <p>7 We could estimate the capital costs, but</p> <p>8 not sure what they would assign, that is</p> <p>9 Trappe, for the user fees. So that --</p> <p>10 MS. PRICE: But I mean you've done enough</p> <p>11 pumping other --</p> <p>12 MR. CLARKE: Right. No, no --</p> <p>13 MS. PRICE: -- places to get some general</p> <p>14 idea.</p> <p>15 MR. CLARKE: And that information is</p> <p>16 available.</p> <p>17 MS. PRICE: I think it was on the last</p> <p>18 sheet. Was it not?</p> <p>19 MR. CLARKE: It was.</p> <p>20 MR. PACK: \$1.4 million.</p> <p>21 MS. PRICE: Just need to know.</p>

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1 MR. WILDING: Okay. The next section on
 2 this sheet just talks about the total nitrogen
 3 reduction. So septic tanks essentially leach
 4 out nitrogen. Even though they treat it, it
 5 still leaches out.
 6 And the estimated amount of nitrogen
 7 generated by the residential and the commercial
 8 entities in this area is as we list there, 770
 9 pounds per year. And some portion of that,
 10 probably a good portion of it, will eventually
 11 find its way to the Choptank River.
 12 So comparing that, then, to let's gather
 13 that wastewater and treat it using an MBR
 14 treatment system. That's going to generate
 15 about 62 pounds per year.
 16 So just to put those two figures in
 17 perspective. So it's 770 existing versus 62
 18 with a treatment system.
 19 MR. PACK: And Duane, if I can just stop
 20 right there just to highlight what you're
 21 saying here is that the 770 pounds of nitrogen

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1 that is being disbursed through drain fields
 2 will make its way down through those drain
 3 fields and into probably the sub-water and
 4 eventually make their way into tidal water.
 5 MR. WILDING: Right.
 6 MR. PACK: That's just by design. That's
 7 how they're designed to work.
 8 MR. WILDING: Right.
 9 MR. PACK: So even if you have a perfectly
 10 working drain field, that your system is
 11 working as it's designed, it is designed to
 12 drain down and it will disburse out into the
 13 water.
 14 So of those units that we have now, we're
 15 looking at 770 pounds of nitrogen being
 16 disbursed annually.
 17 MR. WILDING: Right.
 18 MR. PACK: As opposed to treated effluent
 19 at 62 pounds.
 20 MR. WILDING: Correct.
 21 MR. PACK: Big difference.

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1 MR. WILDING: Big difference, yeah.
 2 Well, the last section is just our
 3 recommendations. Provide service to commercial
 4 properties I guess as soon as possible. And
 5 then consider at a later date expanding the
 6 sewer service to include the residential
 7 parcels.
 8 As far as treatment, use MBR treatment
 9 with a grinder pump and collection system. And
 10 then that will entail getting a discharge
 11 permit to the Choptank River, which will also
 12 require getting a load allocation for total
 13 phosphorus and total nitrogen, both for
 14 existing and future EDUs.
 15 MR. PACK: Okay.
 16 MR. WILDING: So I guess we can just go
 17 over the costs.
 18 MR. CLARKE: Yeah.
 19 MR. WILDING: Any questions on that?
 20 We're going to move into the cost table.
 21 MR. PACK: Is there supposed to be

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1 something up there or not?
 2 MR. CLARKE: We had a map.
 3 SECRETARY: The mouse is not working.
 4 MR. PACK: Oh, okay.
 5 MR. CLARKE: That's all right.
 6 MR. WILDING: Okay. So we've come up with
 7 costs for all the options we considered.
 8 This one that you're looking at is then
 9 for the cost to treat the wastewater and
 10 discharge to the Choptank River. And that's
 11 been refined, as Ray mentioned. Our costs got
 12 more accurate.
 13 One, on assumptions. We narrowed down
 14 assumptions with the county. And then we also
 15 got with Bob Rauch, who had actual bid costs
 16 and some of his design costs that he shared
 17 with a couple of projects. So it got it a
 18 little more local.
 19 And we also added to this table a planning
 20 budget. So if you just -- sort of the middle
 21 of the page there is the construction total

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1 with contingency. The BayLand cost is now
 2 about 1.9 million. Rauch's, in comparison, is
 3 about 1.8 million. Then the planning number
 4 that we would recommend would be around
 5 2.1 million.

6 MR. PACK: That planning number, that's
 7 the number that you would put out for your bid?

8 MR. CLARKE: Yeah. And I think the other
 9 thing that we'll be doing, and again, the focus
 10 is go to the funding agency and determine how
 11 much we can get in grant funding as well as
 12 what we can get in low interest loans.

13 So really for us, I mean as the case in
 14 point, for the Resolution 250 properties, we
 15 estimated it was going to be roughly about
 16 \$22 million and some change. I think it was
 17 22.3. MDE actually bumped our number up to
 18 23 million. So I mean sometimes they want to
 19 make sure that they have enough funding
 20 programmed once the project moves forward.

21 So what we'll be doing is sitting down

Page 19

1 with both let's say MDE and Rural Development,
 2 trying to work out some costs. Or not costs,
 3 but work out programs that would help on the
 4 grant funding side. And then our job on my end
 5 is to do as much as we can to get MDE to
 6 program grant money for the project.

7 And then ultimately focus then on lowering
 8 that user rate so it's not too difficult for
 9 let's say both the commercial entity as well as
 10 the proposed residential entity.

11 MR. PACK: Excellent. Duane, I had a
 12 question, but I'll let you finish your
 13 presentation.

14 MR. WILDING: Okay. Well, the next thing,
 15 I'll just go through the rest of it here. The
 16 next section, non-construction costs. So we
 17 assigned a cost for the property for the
 18 wastewater plant. Again, there's no location
 19 chosen. Same as the outfall easement.

20 And then we also added the legal and
 21 administrative, engineering design cost,

Page 20

1 construction administration, and then an
 2 inspector on the job. And you can see the two
 3 costs for those. Comes up to a little over
 4 \$600,000. And the planning numbers, about
 5 750,000.

6 So that gives then total adjusted project
 7 costs, further down the page. And it also
 8 shows an annual debt payment. But as Ray
 9 mentioned, that's again with no grant funding,
 10 which is somewhat misleading. That's sort of
 11 the worst possible case.

12 And then the last section on the page is
 13 the operation and the maintenance costs.

14 Again, we have sort of the BayLand cost
 15 estimate that we've seen from our projects.
 16 And then you've got the planning number. So we
 17 had some conversations with the county there on
 18 the planning number, and that's what we're
 19 showing there.

20 So that gives the total O&M cost is going
 21 to range from about 170,000 to little over

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1 \$200,000 a year. Then you add to that the debt
 2 payment, which again, hopefully will not be
 3 that high after grants are applied to the
 4 capital costs, that gives you the total annual
 5 cost. Around 300,000 or up to 360,000.

6 MR. PACK: Okay. Thank you, Duane.

7 Your numbers back in May when we first met
 8 was around, discharging to the Choptank, around
 9 4.1. I'm looking at this chart, this table
 10 here.

11 MR. WILDING: Yup.

12 MR. PACK: Okay. So where your numbers
 13 are today are significantly, significantly less
 14 than where they were back in May.

15 Is there anything on here -- I know you
 16 sat down with Bob and went through the numbers.
 17 Is there on here you want to point out where
 18 you made adjustments to? You're talking about
 19 \$2 million worth of adjustments.

20 MR. WILDING: Right, right. Yeah. I
 21 think the big ones were -- if I can find it

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1 here. Is the outfall lines. I'm looking --
 2 yeah. Number 11 at the top.
 3 I think initially we had something like
 4 600,000 for that. Again, we were worst case,
 5 not knowing where the treatment plant is going
 6 to be and essentially how far that outfall line
 7 is going to have to go from where the treatment
 8 plant is to the shoreline and then the
 9 shoreline out into the river. So we assume
 10 worst case.
 11 Now, we've made an assumption that it's
 12 just not going to be that far. I think Bob had
 13 some input on that. So we decreased the
 14 distance. And that cost went down
 15 significantly. Now that's listed at \$70,000.
 16 The treatment plant, that's the other one.
 17 I think initially, which is item six, we had
 18 that probably eight to 900,000, almost a
 19 million. And again, those prices range. We
 20 just didn't come up with that on our own.
 21 We've seen that. We've talked to vendors.

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1 Bob essentially told us about a vendor
 2 he's used. It works pretty good. We talked to
 3 them. They gave us a quote. So we were able
 4 to bring that down probably 500,000 or almost
 5 that.
 6 And then sort of proportionally we took
 7 down some of the costs, because some of those
 8 were proportional. Like mob and demob, they
 9 tend to kind of go up and down based on the
 10 total construction cost. So we decreased that.
 11 I think we decreased erosion and sediment
 12 control.
 13 And probably the grinder pumps I think
 14 came down because, again, you gave us a quote,
 15 or maybe even Bob did on that.
 16 So that's kind of in a nutshell the
 17 changes. Does that. . .
 18 MR. PACK: Yeah. I just wanted to
 19 identify those. Thank you.
 20 So number one, number three, number five,
 21 number ten. And number ten you're right, was a

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1 big number.
 2 MR. WILDING: No. Eleven.
 3 MR. PACK: Number 11 is it?
 4 MR. WILDING: Yeah.
 5 MS. PRICE: Number six is significant,
 6 too. The treatment plant came down a lot.
 7 MR. PACK: I'm on the old sheet. Am I
 8 not?
 9 MS. PRICE: Yeah.
 10 MR. PACK: You said the outfall line.
 11 MR. WILDING: Yeah. Number 11.
 12 MR. PACK: That's number 11, right?
 13 MR. WILDING: Yeah.
 14 MR. PACK: So 11. Go over those with me
 15 one more time, Duane. Eleven, five, and three?
 16 MR. WILDING: Eleven, five, and six.
 17 MR. PACK: Eleven, five, and six.
 18 MR. WILDING: And three.
 19 MR. PACK: And three. And what about
 20 mobilization and demobilization?
 21 MR. WILDING: Yeah. I think one and two

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1 came down, too. Yeah.
 2 MR. PACK: And that's just the setting up
 3 of your trailers and your equipment for the
 4 site, the demobilization --
 5 MR. WILDING: Yeah. The contractors, they
 6 have to get bonds. So that comes out of mob
 7 demob, and that's why it's a little bit
 8 proportional. So if their bid is 2 million
 9 versus say 3 million, their bonds are more.
 10 MR. PACK: So with the change in the
 11 grinder pump, can you explain to Council how
 12 you envision that? Would it be abandoning the
 13 tanks that the homeowners and commercial
 14 properties currently have and then putting in a
 15 separate bucket, if you would, with the grinder
 16 in it and then that would just feed out so you
 17 wouldn't use the existing tank anymore?
 18 MR. WILDING: Well, you could do it either
 19 way.
 20 You could put a brand new grinder system
 21 in in a little wet well or a little container,

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1 or you could install it in the existing septic
 2 system. So I think we left that open. In
 3 fact, I think this cost reflects using the
 4 septic tank.
 5 MR. CLARKE: And I think in the sanitary
 6 district what we have done now is we actually
 7 are able to get fiberglass tanks we can drop
 8 right into the tank. We'll cut a hole in that
 9 tank so we don't have to really do a lot of
 10 disturbance on the property. So it's an insert
 11 that goes right into the tank itself.
 12 MR. PACK: Right into the existing tank?
 13 MR. CLARKE: Into the existing tank.
 14 I would say that for the commercial
 15 businesses, we'll have to look at those options
 16 because I think what we'll probably end up
 17 suggesting is that we go to like a duplex
 18 operation, duplex pump operation for the
 19 commercial entities.
 20 Because what we want to have there is that
 21 in the event a pump does fail, you don't want

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1 to have a problem. So you have sort of a
 2 standby pump. So those tend to be a little
 3 larger in diameter. So we might be able to get
 4 it into the tank. It depends upon the tank.
 5 So I mean if I'm not mistaken, a duplex
 6 station is going to be about three feet in
 7 diameter. A lot of times there's only
 8 two feet. But I think the duplexes is about
 9 three feet in diameter. I would have to
 10 double-check that.
 11 MR. PACK: Okay. And thanks, Ray.
 12 On number ten, 132,000 for road repaving,
 13 is there not enough right of way for us --
 14 MR. WILDING: You're on the old one.
 15 MR. PACK: Oh, that is old. Okay.
 16 Then that would be -- where is road
 17 repaving? The number 14. Thank you.
 18 Is there not enough -- this was my working
 19 sheet. Is there not enough right of way for us
 20 just to trench that line in rather than tear up
 21 the roadway?

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1 A lot of that roadway down there is
 2 private roadway, it's not county roadway.
 3 MR. WILDING: It is.
 4 MR. PACK: A lot of it's private.
 5 MR. WILLEY: It's all private back in the
 6 Ferry Point subdivision.
 7 MR. PACK: Yeah. I thought so. Right,
 8 right.
 9 MR. WILLEY: It's already crapped up. We
 10 don't need it any worse.
 11 MR. PACK: You don't need anymore, which
 12 leads to my question.
 13 MR. WILLEY: Yeah.
 14 MR. PACK: Could we -- if we were to
 15 secure some right of way along some of the
 16 property line, could we just drop this into the
 17 ground rather than tear up that blacktop?
 18 MR. WILDING: Yes. I think yes. No
 19 reason you couldn't do that. I'm sure you're
 20 going to cross the road occasionally. You're
 21 going to have a couple of crossings.

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1 MR. PACK: You may have to cross. You
 2 have to get from one side to the next.
 3 MR. WILDING: That would just be the
 4 preference. I think in here, having seen the
 5 roads, I think we were thinking do that and
 6 then they get -- you can repave the road.
 7 MR. PACK: Then they get some new roadway
 8 down there.
 9 MR. WILDING: Yup.
 10 MR. WILLEY: Who is going to maintain it?
 11 It's a private road. We go through this
 12 every year with everybody with snow removal.
 13 We pay for snow removal, we pay for repair of
 14 the road because it is private road.
 15 So yeah, they repave it. Who is going to
 16 do it ten years from now? Are they going to
 17 maintain it?
 18 MR. PACK: Just a question.
 19 MR. WILLEY: I'm just saying.
 20 MR. PACK: Good question.
 21 MR. WILLEY: That's why I'm here. We're

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1 sort of -- everybody down there, except three
 2 people, are retired. So we are on a fixed
 3 income.
 4 MR. PACK: Sure.
 5 MR. WILLEY: And this looks pretty
 6 expensive compared to what we currently have.
 7 And our systems work. We don't -- well,
 8 we feel like we're drug into something that we
 9 have nothing to do with. The whole thing is
 10 brought up because the commercial property
 11 can't expand or maintain their self, but yet
 12 you want us to come into it.
 13 We don't feel like we want to be a part of
 14 it.
 15 MR. PACK: Give me your name, for the
 16 record.
 17 MR. WILLEY: Jim Willey.
 18 MR. PACK: Jim Willey.
 19 MR. WILLEY: Lot 16.
 20 MR. PACK: Okay.
 21 SPEAKER: And there are some other

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1 individuals --
 2 MR. WILLEY: I've talked to everybody
 3 there except for three people, and we all have
 4 the same feeling. We don't need it, we don't
 5 want it.
 6 Whatever the commercial needs to do, they
 7 need to do and support their self. We
 8 shouldn't have the residential people have to
 9 pick up the tab for commercial development.
 10 MR. PACK: Well, those are very good
 11 questions, very good points.
 12 As we were saying, septic systems, even
 13 when they're operating properly, and you can
 14 see the difference in the total number of the
 15 pounds of nitrogen, they are contributing to
 16 the nitrogen into the --
 17 MR. WILLEY: You guys approved the current
 18 systems we have.
 19 MR. PACK: Right, right.
 20 MR. WILLEY: They're acceptable.
 21 MR. PACK: The systems --

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1 MR. WILLEY: They're acceptable everywhere
 2 else. Why all of a sudden are we not?
 3 MR. PACK: Mr. Willey, I'm not arguing
 4 with you. I'm --
 5 MR. WILLEY: I'm not trying to argue. I'm
 6 just trying to state a point. And you can see,
 7 I'm against this.
 8 MR. PACK: I hear you. I just want you to
 9 be a little open minded with it.
 10 The systems as designed themselves
 11 contribute a lot of nitrogen to the ground
 12 water, which makes its way into the Choptank.
 13 If that same water was treated, and I think you
 14 have the same page that I have.
 15 MR. WILLEY: Yes. I saw that.
 16 MR. PACK: You're talking about 700 pounds
 17 of nitrogen --
 18 MR. WILLEY: So they --
 19 MR. PACK: -- as opposed to 62 pounds of
 20 nitrogen.
 21 MR. WILLEY: Where do the statistics come

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1 from?
 2 MR. PACK: Well, I'm sure they haven't
 3 pulled them out of thin air. They must be
 4 coming from some --
 5 MR. WILLEY: Different septic systems are
 6 designed different ways.
 7 MR. PACK: Yeah. You got your BAT system,
 8 which is probably your best systems that are
 9 out there right now. But even your BAT systems
 10 are designed to filter down and disburse out.
 11 That's just how they're designed.
 12 And that is all critical area, as you
 13 know.
 14 MR. WILLEY: Absolutely.
 15 MR. PACK: -- is critical area.
 16 MR. WILLEY: We experienced it during a
 17 few of those storms.
 18 MR. PACK: And we're going to be looking
 19 at what grant dollars are out there as well to
 20 cover connection fees and so forth.
 21 So that's where Ray comes in. That's what

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1 he was talking about with Rural Development and
 2 any other State money that's out there to help
 3 with those connection charges.
 4 MR. COLLEVECHIO: Can I add one more thing?
 5 MR. PACK: Okay. And give us your name.
 6 MR. COLLEVECHIO: My name is Rich
 7 Collevechio.
 8 MR. PACK: Yes, Mr. Collevechio.
 9 MR. COLLEVECHIO: Just roughly doing the
 10 math. If we didn't get any funding, okay, if
 11 we didn't get any funding and you do the rough
 12 numbers, somewhere between 500 and \$600 a month
 13 additional just to keep flushing our toilets.
 14 That seems to be a bit excess.
 15 MR. PACK: And you're right.
 16 MR. COLLEVECHIO: Just doing the math,
 17 that's all.
 18 MR. PACK: We could not do this project
 19 without grant dollars.
 20 MR. COLLEVECHIO: That's encouraging.
 21 MR. DIVILIO: Have we?

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1 MR. PACK: So we could not do this.
 2 MR. DIVILIO: What was the last project
 3 like this that we did without any grant
 4 dollars? Have we?
 5 MR. CLARKE: We, the county, have not done
 6 anything. If a developer does something --
 7 MR. DIVILIO: So that's the goal.
 8 MR. PACK: You're not doing a project of
 9 this size without grant dollars.
 10 MR. COLLEVECHIO: Good. Because. . .
 11 MR. WILLEY: Any is going to be more
 12 expensive than what we currently have.
 13 MR. PACK: I hear you. I do hear that
 14 point.
 15 Yes, sir.
 16 MR. ADDIS: My name is Paul Addis. I live
 17 on this street, also.
 18 MR. PACK: Once again?
 19 MR. ADDIS: Addis, A-D-D-I-S.
 20 MR. PACK: Addis, Paul Addis.
 21 MR. ADDIS: The question I have is, and I

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1 apologize, I came in a little late, is the
 2 maintenance of these bad boys.
 3 I actually have a house somewhere else
 4 that has these grinder pumps in it. And
 5 initially I paid \$25 a quarter for maintenance.
 6 That's gone up to \$50 a quarter. And they
 7 don't pay for any parts. The third party
 8 company now charges me for every time the
 9 floats go south.
 10 All the maintenance does now that I'm
 11 paying \$200 a year for is just the one-year
 12 inspection. They blow it out. And almost I
 13 would say two out of the three times, the
 14 floats don't work after they've done it because
 15 they've kind of damaged them when they're power
 16 washing and draining them out.
 17 And then that maintenance comes back and
 18 there's like three or \$400 of charges every
 19 time they do maintenance on it and they have to
 20 repair what they damaged.
 21 So I don't know if we factored that into

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1 it.
 2 I have one of those 36-inch diameter
 3 fiberglass garbage disposals that pushes it out
 4 in the two-inch thing. When it works, it works
 5 great. But when it doesn't work.
 6 MR. CLARKE: And to your point, I mean one
 7 of the things that we've done with the sanitary
 8 districts, like Unionville, Tunis Mill,
 9 Copperville, we've actually incorporated the
 10 pump as part of the responsibility of the
 11 sanitary district. That kind of helps to your
 12 point. You don't get caught with that extra
 13 billing scenario.
 14 It's something -- and then our guys are
 15 able to pull that pump. They can then do the
 16 service and maintenance back at the treatment
 17 plant.
 18 So we tend to have a large stock of those
 19 pumps. So we're not caught we got to go find
 20 that pump. It's we can drop a new pump in,
 21 take the one that's not working, take it back

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1 to the plant, and get it finished.
 2 MR. ADDIS: Ray is it?
 3 MR. CLARKE: Yeah, Ray.
 4 MR. ADDIS: I spoke to you on the phone.
 5 Thank you for all the information. It was very
 6 helpful.
 7 Initially it was covered by them. And
 8 then they got a new general manager, and he
 9 decided it wasn't covered by it. Then I'm like
 10 (inaudible) since 1995. (Inaudible) quite a
 11 period of time on this.
 12 And these pumps go about every two years
 13 when I had full-time occupancy at that house.
 14 And then it wasn't covered. That was the issue
 15 for me.
 16 MR. CLARKE: And I will tell you, we, the
 17 county, we utilize what they call a vortex
 18 pump. It was kind of modeled after the E1.
 19 And we put those in on Tilghman Island Beach,
 20 and there was a significant failure rate of
 21 those.

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1 So we ended up replacing those with other
 2 pumps. So we did. As they failed, we put back
 3 in new pumps that we have. We have a good
 4 service record on them.
 5 And just to let you know, too, we're also
 6 looking at -- the county has used E1s, they're
 7 E1 grinders. We are looking at actually
 8 Gould's pump now. That actually is another
 9 workhorse pump that you drop them in. We
 10 haven't had any problems with them.
 11 MR. ADDIS: Thank you.
 12 MR. PACK: Okay, good. Duane.
 13 MR. WILDING: I think I'm kind of at the
 14 end.
 15 MR. PACK: So your new adjusted number
 16 project cost is 2.5 million; is that correct?
 17 MR. WILDING: Yes.
 18 MR. PACK: And down from where it was last
 19 time that we met at over \$4 million. So about
 20 a million and a half of savings there.
 21 MR. WILDING: Yeah.

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1 MR. PACK: So we certainly appreciate you
 2 and Ray and Bob sitting down and really giving
 3 us numbers that we can really look at here now.
 4 MS. PRICE: Would those costs, those --
 5 that column under Bob's column is blank for the
 6 second and third sections. Would those be the
 7 same no matter who did it?
 8 MR. WILDING: I think so, yeah.
 9 MS. PRICE: -- all that kind of stuff. So
 10 you could just carry those numbers down?
 11 MR. WILDING: I would say yes. That's my
 12 response. I don't know what Bob's would be or
 13 Ray's.
 14 MS. PRICE: Is that your response, too,
 15 Bob?
 16 MR. RAUCH: Yeah. Those are fair numbers.
 17 MS. PRICE: Okay.
 18 MR. WILLEY: Is Rauch here today?
 19 MR. CLARKE: Yeah. Bob Rauch is here.
 20 MR. WILLEY: What's the 410 miscellaneous
 21 other cost on his proposal?

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1 MR. RAUCH: My numbers were for a very
 2 preliminary effort. They're not really -- his
 3 is much more detailed.
 4 MR. WILLEY: Okay.
 5 MR. WILDING: In spite of us sort of
 6 reconciling, BayLand cost versus Rauch cost,
 7 it's still, there were still a few little
 8 apples and oranges. So I think that one was
 9 sort of a --
 10 MS. PRICE: Catch all.
 11 MR. WILDING: A way to just lump sum of
 12 the things in without specifically itemizing
 13 it.
 14 MR. PACK: Well, the numbers look very
 15 comparable at this point.
 16 You take away the blacktop repaving,
 17 you're probably right at the same number,
 18 another \$100,000 in repaving.
 19 MS. PRICE: Though, you don't know what
 20 the 410 covers, where those blanks are.
 21 MR. PACK: Give me the number.

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1 MS. PRICE: Where the 410 is.
 2 MR. CLARKE: Under miscellaneous.
 3 MS. PRICE: Under miscellaneous. It could
 4 be made up of these specific itemized numbers
 5 since he didn't do the apples and oranges.
 6 MR. PACK: Those are soft, miscellaneous
 7 soft costs, fees, if you would, that you would
 8 pay, permitting fees of sort.
 9 MS. PRICE: No. They just said they
 10 couldn't compare them. So it could be the
 11 shellfish, it could be the emergency generator,
 12 it could be the well, it could be the road.
 13 They were just trying to get it -- see where
 14 he's got blanks?
 15 MR. PACK: Yeah.
 16 MS. PRICE: So this 410 might be some of
 17 these blanks just because they couldn't figure
 18 it out exactly.
 19 Right?
 20 MR. WILDING: Right.
 21 MS. PRICE: Apple for apple. Is that

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1 fair?
 2 MR. WILDING: Not even so much that. He
 3 may have itemized them different than we
 4 itemized them. So rather than making a very
 5 long list, we just sort of lumped it into that.
 6 MS. PRICE: Yup, yup.
 7 MR. PACK: Okay. Have you seen an MBR
 8 working? Have you gone over to Caroline County
 9 and seen the MBR?
 10 MR. WILDING: Not the ones that Rauch
 11 designed, no.
 12 MR. PACK: Have you seen other MBRs?
 13 MR. WILDING: Yes, another MBR. Yup.
 14 MR. PACK: Okay. And what do you think
 15 about them as opposed to other systems for this
 16 type of project?
 17 MR. WILDING: I think they're the way to
 18 go. I like them. Yup. And it's one of those
 19 technologies that's getting better every day.
 20 So yeah. I think it's very good. For a small
 21 system, it's very good.

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1 MR. PACK: And as far as the needed land,
 2 we've heard anywhere from a quarter acre to
 3 half an acre as far as where the actual plant
 4 will sit, fencing and those kind of things.
 5 Is that where your thinking is?
 6 MR. WILDING: Yup, yup.
 7 MR. PACK: And with that. . .
 8 MS. PRICE: Can I ask a couple of
 9 questions or a question about the total
 10 nitrogen?
 11 MR. PACK: Go ahead.
 12 MS. PRICE: So you had 770 pounds for the
 13 residential and the commercial.
 14 About how does that break down? How much
 15 is commercial and how much is residential?
 16 Half and half?
 17 MR. WILDING: Well, it would be based on
 18 the --
 19 MS. PRICE: From your number at the top.
 20 MR. WILDING: -- flow allocation. Yeah,
 21 yeah. Let me see.

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1 MS. PRICE: Your commercial is about 1,000
 2 gallons more per day?
 3 MR. WILDING: So actually we did it based
 4 on EDUs, which also equates to flow. So let me
 5 go back up top here. So it breaks down. And
 6 this is existing, right. Okay. Existing
 7 commercial.
 8 MR. CLARKE: The existing I guess for the
 9 commercial would be 462 pounds based at 22
 10 pounds per year.
 11 MS. PRICE: 462, okay.
 12 MR. CLARKE: For total nitrogen.
 13 MS. PRICE: And the res?
 14 MR. CLARKE: And then the residential for
 15 existing would be 14 times 22, and that would
 16 be 308 pounds per year.
 17 MS. PRICE: And that's existing?
 18 MR. CLARKE: That's existing.
 19 MR. PACK: Can I direct your attention to
 20 number seven, building foundation and site
 21 work?

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1 Your estimated cost is three times that.
 2 Where Rauch had 700,000, you were at 200,000.
 3 And during your discussion with him, what came
 4 out of that dealing with number seven, the
 5 building foundation and site work?
 6 I mean these units are pretty much
 7 prefabricated units I believe. And you
 8 basically truck them in and put them in place.
 9 MR. WILDING: Well, they are. And they
 10 also can -- you can sit them on gravel, you
 11 could sit them on a gravel pad, or you can sit
 12 them on concrete. You have to have some sort
 13 of foundation, of course.
 14 MR. PACK: Sure, sure.
 15 MR. WILDING: And then you can have a
 16 minimal enclosure over them. You could just
 17 have a small one with part of it being open.
 18 I think our costs are for a concrete
 19 foundation and a building to enclose the whole
 20 system --
 21 MS. PRICE: So that's your one cost that

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1 went up. And it went up from 50,000 to
 2 200,000.
 3 MR. WILDING: Okay.
 4 MS. PRICE: What did you do different?
 5 I mean to Corey's point, that's --
 6 MR. WILDING: Well, it may be -- I'll have
 7 to get the other one out. I have it with me
 8 somewhere here. But it may be that we --
 9 MS. PRICE: That's the old one.
 10 MR. WILDING: Okay.
 11 MS. PRICE: And that line item was 50,000.
 12 MR. WILDING: Yup. Shellfish.
 13 MS. PRICE: So 50 to 200.
 14 MR. PACK: It's number six in the old
 15 chart, number seven in this chart.
 16 MR. WILDING: Okay. Well, I think the
 17 only thing I can say to that is that we
 18 decreased the treatment plant cost from --
 19 what's it showing on there?
 20 MS. PRICE: It was 835.
 21 MR. PACK: 835.

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1 MR. WILDING: 835 to 500.
 2 Our previous cost may have had some of
 3 those costs built into it, like the foundation
 4 and possibly the building over it.
 5 I don't recall sitting here right now for
 6 sure, but that may have been then why we took
 7 that from 50 up to 200,000.
 8 MR. LESHAR: Moved it from one line to
 9 another?
 10 MR. WILDING: Yeah. And that's again,
 11 that's something probably we can work with the
 12 county on that.
 13 Do you want a simple uninsulated butler
 14 style building over the treatment plant or do
 15 you want an aesthetically pleasing
 16 architectural, full insulation and all?
 17 So that I think we still left a little bit
 18 of what I would call --
 19 MR. PACK: Flexibility?
 20 MR. WILDING: Flexibility there. That's a
 21 good word. Yeah.

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1 MR. PACK: So it depends on which style of
 2 building Ray wants to cover the plant with,
 3 whether it's sitting on concrete, whether it's
 4 sitting on gravel.
 5 MR. WILDING: Yup.
 6 MR. PACK: Okay.
 7 MR. CLARKE: We're not going to make --
 8 MR. DIVILIO: -- as close as possible and
 9 accurate.
 10 But like you said to your first point, the
 11 goal is to make sure that we would have enough
 12 money in grants in order to do this. So we
 13 don't want to skim through and cut out every
 14 corner we can.
 15 MR. CLARKE: Right.
 16 MR. DIVILIO: Before we even get to that
 17 phase of the project. Isn't that correct?
 18 MR. CLARKE: That is correct.
 19 MR. DIVILIO: And if we're approved for
 20 \$3 million and we find out we don't need all
 21 3 million, we don't take all 3 million. Right?

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1 MR. CLARKE: Right.

2 MR. DIVILIO: The cost of the project

3 isn't.

4 MR. CLARKE: Right. To your point, what

5 happens with the grant funding agencies, they

6 will say okay, we're going to give you 75

7 percent grant, 25 percent loan.

8 So to your point, if you bid it out and it

9 comes in at 2 million, you estimate it in the

10 PER 3 million, they're not going to give you

11 3 million. They're going to basically give you

12 the ratio or the percentage of 75, 25. That's

13 how it's going to work out.

14 I guess going back, one of the things just

15 to I guess remind everyone here and the

16 Council, the preliminary engineering report is

17 really to try and take assumptions and then

18 build costs to those to really kind of evaluate

19 the options.

20 So these numbers are nice, but you don't

21 want to get them too low, too low. Because

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1 then what may happen is the funding agency may

2 go well, you said you only wanted one and a

3 half million, now it's costing two, what

4 happened.

5 It's better to kind of pump it up a little

6 bit so we're all working off the same page.

7 They know, too, that these are preliminary.

8 These are not the final numbers. Final numbers

9 unfortunately come in with the contractor. And

10 even then, you may have change orders

11 associated with that, too. And then it grows a

12 little bit, which what we want to have happen,

13 for those of you in the construction industry,

14 you don't want to get over that number. That's

15 really critical that when you've talked to

16 somebody and say well, we're looking at a

17 \$3 million project, we don't want to be going

18 now it's four.

19 Unlike the stock market scenario, buy low,

20 sell high. We want to be high and came in low

21 is kind of the game plan.

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1 MR. WILDING: And the other thing that

2 happens on the equipment, like again, we're at

3 500,000. We made a round of calls to vendors

4 and looked at a lot of different treatment

5 types.

6 I don't think we would have been at 500

7 had not seen Rauch's actual bid cost. Because

8 sometimes you talk to vendors and they'll quote

9 a price, 500,000. Then you specify it, and

10 then it bids out. Well, it's now 600,000

11 because they got you locked in on their type.

12 So you have to be careful with some of

13 those.

14 MR. WILLEY: On your note to --

15 MR. PACK: Hold on one second. Hold on,

16 Mr. Willey.

17 Pete, you have anything?

18 MR. LESHER: I'm curious about the

19 increase in the operational costs estimate,

20 which went up in this iteration.

21 So construction costs estimate goes down.

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1 The operating costs estimate goes up. It's

2 largely on the labor line.

3 MS. PRICE: It's the same. 165, 165.

4 MR. PACK: What number?

5 MR. DIVILIO: Are you looking at the

6 planning budget?

7 MR. LESHER: I guess I was looking between

8 the BayLand estimate and the planning budget.

9 Is that just a -- I presume the operating cost

10 estimates are not a factor that affects the

11 grant funding. That's really capital costs

12 that you're looking at there?

13 MR. CLARKE: Right. And I think in this

14 one what we looked at, again, trying to look at

15 our data as well, we were trying to look at

16 what it would be maybe for one person to be

17 there on the plant. They're going to have to

18 be there possibly daily. Could be even through

19 weekends as well.

20 So I think we, just for planning purposes,

21 we said bump it up a little bit. But we were

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1 kind of coming in around 80,000 with overhead.
 2 MR. LESHHER: And this would be operated by
 3 county Public Works, just like the other
 4 wastewater treatment plants operated by the
 5 county are, same sort of workforce?
 6 MR. CLARKE: Yeah. If the county uses BRF
 7 funds from the State, we are required to
 8 operate it. So there is a requirement for us
 9 to have operation of this plant if we use this.
 10 MR. PACK: And we would want to.
 11 MR. CLARKE: We have no problems taking on
 12 that operation.
 13 I think what I will say is that there will
 14 be some costs that are going to be added I
 15 would say on the building side that we would
 16 require some kind of lab, because there are --
 17 it's not going to be a fancy lab. But there
 18 will be requirements for us to do daily
 19 sampling and then ultimately some lab analysis.
 20 So we'll have to check for what the --
 21 maybe the solids, may have to look at the

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1 settlability of the system, if that's the case.
 2 I've never operated an MBR. So I may be
 3 off on that. But there's going to be some
 4 things, the PH probes, we'll have to do the PH
 5 and the DO probes and things of that nature.
 6 MR. WILDING: Right.
 7 MR. LESHHER: And this system is sized with
 8 the assumption that we would be serving both
 9 the commercial and the residential units?
 10 MR. CLARKE: At this point, I think the
 11 13,000 gallons per day, which I think was
 12 estimated for the flow, was both for
 13 residential and commercial.
 14 And then I think in talking with Duane,
 15 I'm not sure that they make a plant that's
 16 13,500. So you probably buy let's say a
 17 15000-gallon-per-day plant.
 18 So the key would be is that if we put the
 19 15000-gallon-per-day plant in, it would be for
 20 both.
 21 But the large cost is going to be getting

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1 everything set up. And then I think we could
 2 potentially phase this. Focus on getting sewer
 3 to the commercial entities and then work to
 4 figure out what we can do to help get sewer to
 5 the residential property owners, but I think it
 6 would be best to kind of get the system in
 7 place, then work on the residential side.
 8 MR. LESHHER: And so you'd be waiting --
 9 does it make a difference in terms of the
 10 available grant funding whether or not the
 11 residential properties would be included
 12 initially?
 13 MR. CLARKE: At this point, it does not.
 14 I think -- but that's something we'll be
 15 discussing with them.
 16 I think what I've been kind of looking at
 17 with Rural Development especially, Rural
 18 Development tends to be very good with
 19 commercial. So it may be that we're looking at
 20 Rural Development funding because they may have
 21 a larger grant source than let's say the State

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1 does for the commercial entity.
 2 Now, the other thing is there's ways for
 3 us to mix what we can get from the Bay
 4 Restoration Fund through the State to try and
 5 help support both the project from the
 6 commercial side.
 7 One of the things I think that's critical
 8 for us and we've had discussions with MDE
 9 already about Resolution 235 and 250, the key
 10 is that the grant that's available to that
 11 residential property owner, if you're making
 12 less than \$350,000 a year, is \$20,000. So it's
 13 really important for us to see if -- the key
 14 would be is get this in and try to drive those
 15 numbers.
 16 So a large cost is under that grant. So I
 17 don't know what it ends up being at the end of
 18 the day. But it would be wonderful for us if
 19 we could say you know, you may be looking at a
 20 three, maybe a \$5,000 out-of-pocket scenario
 21 versus a \$30,000 out-of-pocket scenario. I

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1 don't think it's that much.
 2 But that kind of -- just seeing what we
 3 can do so that we can get it all closer to that
 4 20,000 grant that we can receive from the
 5 State.
 6 MS. PRICE: So grant dollars, there's
 7 always a, I don't know, not a love-hate
 8 relationship, but a love well, it's our tax
 9 dollars, is this really where it should be
 10 going.
 11 So obviously we like the idea from an
 12 environmental aspect of going down to
 13 ten percent your total nitrogen, from 700 down
 14 to 70. So that's a good thing.
 15 So I guess my question for the public is
 16 is that one of the main drivers in getting the
 17 grant dollars, is for environmental
 18 improvements?
 19 MR. CLARKE: I think, again, Rural
 20 Development from what I've seen, especially on
 21 the commercial side, they tend to be supportive

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1 of future, of future growth component.
 2 MS. PRICE: So for the residential aspect
 3 then, it is the BRF, the Bay Restoration Funds
 4 is for environmental considerations.
 5 MR. CLARKE: Correct.
 6 MS. PRICE: Rural Development is so that
 7 businesses can grow.
 8 MR. CLARKE: And one of the things, kind
 9 of in summary, like MDE, again to your point,
 10 on the environmental side is going to say okay,
 11 we want you to size that line that's coming for
 12 all these houses to be this big, we don't want
 13 any growth, we're not going to pay for growth.
 14 Rural Development is like no, we want it
 15 to be a little bit bigger.
 16 And one of the things MDE will tell you,
 17 you're better off having Rural Development fund
 18 the main lines and get those out of the
 19 project, out of their project because of the
 20 restrictions that they will impose on those
 21 lines, the force mains.

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1 And so that's something we try to look at.
 2 If there's a way for us to use Rural
 3 Development monies, to help --
 4 MS. PRICE: So where does, again from a
 5 tax payer perspective, should my tax payer
 6 dollars be going to subsidize a business, so to
 7 speak, for their growth so that they can
 8 have -- because these businesses, they want to
 9 grow. We get that. You're on a septic system
 10 or a failing septic system, you can't do
 11 anything.
 12 Is it -- I'm just asking the question. Is
 13 it an appropriate use and where -- are there
 14 specific tax dollars that these Rural
 15 Development funds -- we know where the BRF
 16 comes from. Those are on your water bill.
 17 Everybody knows where those are. It's right
 18 there.
 19 Where do the Rural Development dollars
 20 come specifically from?
 21 MR. CLARKE: Rural Development is part of

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1 USDA, which is the Department of Ag, Federal
 2 Department of Ag. So they're an agency under
 3 USDA.
 4 And then ultimately, Rural Development,
 5 really its charter is to focus on rural
 6 development. Trying to provide the necessary
 7 utility services to support the rural areas.
 8 So that's kind of their focus, is trying to
 9 help the rural areas and trying to create that
 10 rural development strategy to sustain it.
 11 MS. PRICE: So we talked about 462 and 308
 12 of the 770 pounds, which actually works out to
 13 60 percent commercial, 40 percent residential
 14 exactly. That was existing.
 15 MR. CLARKE: Yes.
 16 MS. PRICE: So that's existing.
 17 MR. WILDING: Yup, existing.
 18 MR. PACK: Okay.
 19 MR. LESHAR: With more growth potential on
 20 the commercial side than on the residential
 21 side.

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1 MS. PRICE: It just says one unimproved.
 2 Four improved and one unimproved.
 3 MR. LESHAR: Yeah. But look at the EDUs,
 4 not at the number of lots. It's 21 existing
 5 commercial EDUs and 15 future. That's the
 6 potential.
 7 MR. PACK: The hotel. Every room has an
 8 EDU for a toilet.
 9 MR. CLARKE: And in some cases a hotel
 10 might be three rooms is equal to one EDU.
 11 MR. PACK: One EDU.
 12 MR. CLARKE: Yeah. It depends.
 13 MR. PACK: So not every room has its own.
 14 I didn't know that.
 15 MR. CALLAHAN: Ray, help me through some
 16 timelines on moving forward with Rural
 17 Development and how long it's going to take and
 18 getting stuff started.
 19 MR. CLARKE: At this point, what we need
 20 to do is work with BayLand, wrap up the PER.
 21 The nice thing that Rural Development has

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1 is they have an electronic submission process.
 2 So once Duane, we get him the green light
 3 to wrap it up, that could happen within a week
 4 or two possibly, that then goes right into
 5 their review process. So it's an electronic
 6 review.
 7 Then the other advantage that we have is
 8 that the Maryland Department of the Environment
 9 uses Rural Development's PERs as a PER
 10 submission for their projects as well. So we
 11 don't have to develop a new PER for MDE. So we
 12 can then take that PER, submit it to MDE for
 13 their review as well.
 14 Then at that point we get into the
 15 discussions with Rural Development on
 16 obligations of funds and whatnot. And then
 17 once we get to that point, we sit down with the
 18 Council. And you could potentially get a
 19 letter from Rural Development noting that
 20 they're obligating the funding based upon this,
 21 this, and this.

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1 And at that point, we probably need to sit
 2 down with the Council, begin the process of
 3 discussing the design, and then ultimately --
 4 MS. PRICE: But there's a step that's
 5 missing. And that is having the conversation
 6 about finding out about whether we can pump
 7 some place else.
 8 So if we are submitting this to Rural
 9 Development, does it have to be this system.
 10 Or if we found there was another less expensive
 11 alternative, would we be able to do that?
 12 MR. CLARKE: Yes, yes.
 13 MS. PRICE: So we do need to make sure
 14 that we take that intermediate step because
 15 there's possibly still a cost savings and --
 16 MR. CLARKE: And I'm not disagreeing with
 17 you.
 18 MS. PRICE: I just want to make sure we
 19 don't skip over this part.
 20 MR. CLARKE: No, no. If the Council can
 21 work to develop that pathway for the project,

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1 that's phenomenal.
 2 I would say your timeline, your timeline
 3 really shrinks. You're probably looking with a
 4 treatment plant, because of the discharge,
 5 you're going to have to have public hearings
 6 for that. It's going to probably be --
 7 MS. PRICE: Which one is shorter?
 8 MR. CLARKE: The pump station to Trappe
 9 would be shorter.
 10 You're probably, I would say that you
 11 could probably see sewer, after we go through a
 12 few steps, probably -- after a funding
 13 obligation, you could see sewer possibly within
 14 a year. But it may take you six months, nine
 15 months to get the funding. But you may see
 16 sewer in a year.
 17 Whereas, with the treatment plant option,
 18 you're probably talking a minimum of a year and
 19 a half, possibly two years.
 20 MS. PRICE: We know what the less
 21 expensive, more attractive option is. We just

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1 have to get there.
 2 MR. CLARKE: I don't disagree.
 3 But I think, as I pointed out earlier, the
 4 focus would really be to get this in the queue,
 5 get the funding going.
 6 By having the option of going to Trappe in
 7 the PER, we don't lose that option.
 8 MS. PRICE: Okay.
 9 MR. CLARKE: We don't lose it. So it's
 10 still available.
 11 At the same time, I would suggest again,
 12 hearing the citizens in Ferry Point, to try and
 13 break this into two phases.
 14 The first phase would be to focus on the
 15 commercial properties, with the second phase to
 16 focus on the residential properties at a later
 17 date. And we can then work to try and get
 18 those numbers and hopefully get those refined
 19 down for them.
 20 MS. PRICE: And if it were going to a --
 21 if it were being pumped to an existing plant,

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1 say Trappe, is it different than the 62 pounds
 2 of total nitrogen? Is it even better or is it
 3 similar?
 4 MR. PACK: It depends on that plant.
 5 MR. CLARKE: If they go ENR, if they go
 6 ENR, you're probably close to being let's
 7 say -- you're still going to be significantly
 8 lower, but I would say the problem we get
 9 caught with is that if they're BNR, if they are
 10 BNR, then you go pretty much, as Duane has used
 11 here, 22 pounds. You go 22 pounds.
 12 BNR is probably going to be about -- I
 13 think, it's I think eight milligrams per liter.
 14 So that would probably put us about, maybe
 15 about five pounds of discharge roughly per
 16 year.
 17 MS. PRICE: That's just one thing to look
 18 at, then, because we don't know what their
 19 plant is going to be?
 20 MR. CLARKE: Well, I think they're
 21 currently, my understanding, I don't have all

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1 the information at this point, it's my
 2 understanding that the Town of Trappe has hired
 3 George, Miles & Buhr to do a PER, a preliminary
 4 engineering report, for them to upgrade their
 5 existing wastewater treatment plant with ENR
 6 technologies.
 7 So if they were to do that, then their
 8 number would be very similar. It would be the
 9 60 some odd pounds. Yeah. Sixty-six, 67, 68.
 10 MR. PACK: You had another question?
 11 MR. DIVILIO: I just, I'm optimistic.
 12 I spoke with Trappe today. They do have
 13 some capacity down there. There's a lot of
 14 grant money available for this.
 15 If we can clean up the Bay, make the
 16 homes -- prevent having to buy more septic
 17 systems every 30 years and those types of
 18 investments, we can do it in a way that is
 19 affordable and we've got grant money, I think
 20 we owe it to the citizens to at least explore
 21 the opportunity here.

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1 These questions about the roads and owning
 2 the roads and people maintaining it, that's
 3 plenty of things that we can evaluate. That's
 4 a short street amongst many roads that we're
 5 already maintaining in the county. And if you
 6 don't want us to maintain it, then --
 7 MR. WILLEY: No. We'd love for you guys
 8 to maintain it, but I've been to you guys twice
 9 about it. And there's one area there that's
 10 three foot low. We would have to raise the
 11 road, we'd have to dig the ditches out.
 12 There's about \$200,000 worth of site work to do
 13 to that road to get it to the specs before you
 14 even pave it with macadam. Right now it's tar
 15 and chip.
 16 MR. DIVILIO: So would you want us to even
 17 look at that or think about that?
 18 MR. WILLEY: Absolutely.
 19 MR. DIVILIO: Well, if we're going to work
 20 with you, you got to work with us --
 21 MS. PRICE: Frank, don't go making that

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1 offer now, Frank.
 2 MR. DIVILIO: I'm not making any
 3 guaranties.
 4 MS. PRICE: Don't need more roads.
 5 MR. PACK: One-fifth.
 6 MR. DIVILIO: -- evaluate this project, we
 7 should evaluate the project.
 8 MR. WILLEY: Well, that's --
 9 MR. PACK: Well, that's not in the
 10 project.
 11 MR. WILLEY: That would reduce some of our
 12 costs now because we're paying for snow
 13 removal, we're paying for road repair. We're
 14 paying for all that, and our taxes aren't any
 15 less than somebody that has a paved county
 16 road.
 17 I've been to assessment. That didn't
 18 work. Assessment doesn't consider a private
 19 road any less or more valuable to the thing,
 20 but they're not paying to maintain it or pave
 21 it and pay to get it -- and trying to get 16

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1 people together to try to collect money and
 2 stuff. I mean it's. . .
 3 MR. DIVILIO: I would imagine.
 4 MR. PACK: Are there any other questions
 5 from the public that we have not -- Bill's hand
 6 was up first. Then I'll go back to you.
 7 Bill.
 8 MR. ANDERSON: Mr. Pack, I have three
 9 questions. William Anderson. I am on the
 10 Public Works Advisory Board.
 11 Normally when we're looking at projects,
 12 an EDU for based on the data from our region
 13 two and region five, it's closer to 125 gallons
 14 a day instead of 250 gallons a day. At least
 15 that's my understanding.
 16 Is that correct, Mr. Clarke?
 17 MR. CLARKE: Yes, yeah. And I would say
 18 that is definitely on the residential side.
 19 I would be a little cautious at this point
 20 not knowing. We'd have to look at the data for
 21 the commercial side.

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1 MR. ANDERSON: But if we use the 125 for
 2 the residential EDUs that we're looking at
 3 here, would that affect the cost? And if so,
 4 how?
 5 MR. CLARKE: I don't think it's going to
 6 affect it that much personally.
 7 MR. ANDERSON: Would it enable us to not
 8 reach all the way to 15,000 gallons per day
 9 perhaps?
 10 MR. CLARKE: If the flow rates go down,
 11 then you may go from let's say a 15,000-gallon
 12 unit to possibly a 10,000-gallon unit. But
 13 there might be some savings there. I just
 14 don't know.
 15 MR. ANDERSON: Thank you. Second question
 16 is what is an estimate of the timeline for
 17 obtaining a permit for the new discharge to the
 18 Choptank River and obtaining the offsets and so
 19 forth with load allocations for phosphorus and
 20 nitrogen that we would need to get that permit?
 21 MR. CLARKE: Right. And that was I

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1 guess -- if we went to Trappe, you're probably
 2 talking a time frame the sewer could be done
 3 pretty quick, within about a year.
 4 If you're looking at let's say going
 5 through the process to get a point discharge or
 6 a discharge, you're probably talking, and I
 7 would say they say minimum of 18 months. I
 8 would probably say it's more like two years.
 9 It's two years on discharge.
 10 Because you do have to go through the
 11 process with the State. The State is going to
 12 have public hearings. And then ultimately,
 13 they go through that process before they can
 14 basically issue an MPES permit.
 15 MR. ANDERSON: And when is the earliest
 16 that that two-year, 18-month to two-year clock
 17 could start and we could actually file an
 18 application?
 19 MR. CLARKE: That would have to start as
 20 part of the design services.
 21 So we are in the process right now of just

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1 the preliminary engineering report. So we
 2 would have to work -- I think there's a couple
 3 of things that still have to happen. That
 4 would, one, be amending of the comp water and
 5 sewer plan. That would have to happen.
 6 And then in addition to the comp water and
 7 sewer plan, then the funding components, and
 8 then ultimately going out to bid for design
 9 services.
 10 So part of the process in design services
 11 would be to acquire that MPES permit. So that
 12 would be something that we put on the
 13 engineering firm to make those applications.
 14 MR. ANDERSON: So would it be an over
 15 statement to say we're a year away from being
 16 able to apply for the permit?
 17 MR. CLARKE: That's what I kind of -- it
 18 could be within that time frame, yes.
 19 MR. ANDERSON: All right. Thank you. And
 20 then the third question was according to my
 21 arithmetic, which may be wrong, taking these

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1 numbers and looking at the planning figure for
 2 an annual cost of \$360 and change, a reduction
 3 in nitrogen of 708 pounds for the 35 EDUs, it
 4 looks like we're talking about something on
 5 order of \$14.54 a pound for nitrogen reduction.
 6 Is that correct? Is my number right?
 7 MR. PACK: I have not run those numbers.
 8 MR. CLARKE: I've not done that.
 9 MR. ANDERSON: And the question is how
 10 does that cost compare to other alternatives to
 11 reduce nitrogen discharges?
 12 MR. CLARKE: I'd have to look at it.
 13 Usually I'm going to say total nitrogen is
 14 probably going to run in the neighborhood of
 15 maybe 1,500 to 2,000 pounds. So I'd have to
 16 just double-check those numbers.
 17 Because usually total (inaudible) is, like
 18 I said, is probably closer to \$2,000 per pound
 19 reduction is what you typically are seeing.
 20 Phosphorus, I don't have an answer for you
 21 on that. But I'd have to go back and look at

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1 that.
 2 MS. PRICE: Of course, Bill, those are
 3 only annual costs. You have to factor in the
 4 entire project to get the cost per pound to
 5 lower the nitrogen and phosphorus.
 6 MR. CLARKE: And I think --
 7 MR. ANDERSON: You're saying the 360,000
 8 includes (inaudible.) So you're including debt
 9 service in that figure I believe.
 10 MS. PRICE: Yeah. If there is --
 11 MR. ANDERSON: Servicing of the capital
 12 costs.
 13 MS. PRICE: If you have debt, not a grant.
 14 MR. PACK: Okay. Mr. Collevechio.
 15 MR. COLLEVECHIO: Just so we have a feeling
 16 on everybody, businesses and the homeowners,
 17 what is the typical ratio historically, funding
 18 versus grant money or loan versus grant money?
 19 What is typical and normal for something like
 20 that?
 21 MR. CLARKE: We --

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1 MR. COLLEVECHIO: Or something close.
 2 MR. CLARKE: The last project we did,
 3 which was Resolution 250, which is a sewer
 4 extension out to Bozman and Neavitt, we had
 5 submitted funding to the State of Maryland,
 6 MDE, and actually got a 75 percent grant, 25
 7 percent loan.
 8 At the same time, there has been some
 9 concerns, and we're currently looking at that
 10 as well, for low and moderate income households
 11 and ways to try and help those property owners.
 12 And so the thought process was trying to
 13 go to I guess it's called CDBG, Community
 14 Development Block Grant, for some potential
 15 additional assistance to those property owners.
 16 So that's something we've been trying to work
 17 on.
 18 MR. COLLEVECHIO: And Jim was going to ask
 19 a question. May I ask it?
 20 MR. WILLEY: Yeah.
 21 MR. COLLEVECHIO: There's an open item on

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1 note two that says --

2 MR. CLARKE: Phase --

3 MR. COLLEVECHIO: -- power to the system

4 I mean I hope you're right. I don't see a

5 three phase line close.

6 But is there an option to use the single

7 phase to three phase converters? Because they

8 make like 50 kilowatt -- I mean they make huge

9 ones. Is that an option?

10 MR. WILDING: Yes, yes.

11 MR. WILLEY: It's much higher. That's

12 what bothered me on that.

13 MR. PACK: Good point. Okay.

14 SPEAKER: (inaudible.) as this project

15 moves on, do the residents have a vote into

16 whether we want to go along with it?

17 MR. PACK: Whether you want to connect to

18 the line?

19 SPEAKER: Yeah.

20 MR. PACK: Yes. What Mr. Clarke was

21 saying. As we do this, we're going to do it in

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1 phases with commercial properties coming on

2 board first, and then those homeowners with the

3 grant dollars, once the grant dollars become

4 available.

5 As you saw when we did Thornton Road.

6 Thornton Road, I believe there was one failing

7 septic system on Thornton Road. But because

8 the grant dollars made it so advantageous for

9 all the rest of the homeowners to come on board

10 at no cost or very minimum cost to them, I

11 think by the time we finished that project, we

12 had all of those homeowners or 90 percent.

13 MR. CLARKE: Ninety percent.

14 MR. PACK: Ninety percent of those

15 homeowners came on board because they saw the

16 value in connecting to that system. Not just

17 in what Frank was talking about, replacing your

18 septic field and failing septic field and not

19 having enough space for an additional septic

20 field should your field fail. Once you're on

21 that line, you don't have to worry about that

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1 anymore.

2 Your home value then goes up, not down,

3 once you're connected.

4 MR. WILLEY: There goes my assessment

5 again. You're put me in a road.

6 MS. PRICE: Remember, we have --

7 SPEAKER: We do have a say?

8 MR. PACK: You do have a say. But again,

9 once the grant dollars come through, you're on

10 the clock. So if you want the money to

11 connect, you sit down and do your math and talk

12 to who you got to talk to. But you will be

13 best to jump on it, just like those residents

14 did on Thornton Road.

15 Ms. Ruth, you have a question?

16 SPEAKER: No.

17 MR. PACK: I thought I saw your hand pop

18 up. I saw it down here in the front row.

19 SPEAKER: That's a great question. You

20 asked it on the residential side. Same

21 question on the commercial side. Will the

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1 individual entities have the chance to yes or

2 no on this same proposal?

3 MR. PACK: I would assume yes.

4 MR. CLARKE: I would think so, too. Yes.

5 MS. PRICE: Well, I would think you'd want

6 to have commitments from a certain percentage

7 before we go out and get grant dollars and

8 everybody says no, I don't want to connect. I

9 mean right?

10 MR. CLARKE: To my understanding, and I

11 may be wrong, but from my understanding we have

12 pretty much all the commercial owners ready to

13 roll that were supportive.

14 MS. PRICE: Yes. But that question kind

15 of makes me nervous.

16 MR. CLARKE: I understand. But I think

17 the key is that for us --

18 SPEAKER: Commercial property (inaudible).

19 SPEAKER: I'm with Benson Mangold. I

20 represent one of the properties that is for

21 sale.

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1 So there's an element of uncertainty. So
 2 as decisions are made about a hotel, that it's
 3 clearly stated in the listing remarks that at
 4 time of sale, the hotel will be closed.
 5 So as you're making decisions about flow
 6 rates, I have a wide range of people looking at
 7 this property, and none of them currently are
 8 hotels.
 9 MR. CLARKE: We'll have to sit down with
 10 you and discuss those flow rates --
 11 SPEAKER: -- two property owners. So when
 12 I see Talbot Landing Motel, that is one part of
 13 a 23-acre commercial property.
 14 And so I'm here. They asked me. They
 15 said Bob, would you come for us. I'm like
 16 absolutely.
 17 But great question. And I'm not going to
 18 speak for them about what they have agreed to.
 19 But as their listing agent, I would say I'm
 20 missing some information then.
 21 MR. PACK: Well, I know they were here

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1 during the May meeting, husband and wife.
 2 SPEAKER: I was with them. Wife. I was
 3 here.
 4 MR. PACK: Yeah, wife. And I noticed she
 5 was very, from my take, very excited about
 6 the --
 7 SPEAKER: Correct. She was.
 8 MR. PACK: That's the impression I got.
 9 SPEAKER: Right. That's an impression.
 10 Got it.
 11 MR. PACK: Sir, yes.
 12 MR. HARDY: Yeah. I'm Martin Hardy from
 13 Composite Yachts, one of the commercial
 14 properties.
 15 Is the Trappe option, does that allow for
 16 more expandability compared to the on-site
 17 disposal option?
 18 MR. PACK: Define expandability.
 19 MR. HARDY: More people, more -- from
 20 other properties between us and Trappe.
 21 MR. PACK: No. This would go back to

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1 Resolution 250 where you would have those
 2 connector lines that would connect from the
 3 plant to the area that's being developed, if
 4 you would, or connected. Along those lines you
 5 would not be able to access.
 6 So if you go back and read Resolution 250,
 7 which the Council was very clear on, those
 8 collector lines you cannot access on those
 9 lines.
 10 So if the Trappe option, once the PER is
 11 completed, if that Trappe option is one that
 12 the Council decides to go with, we would be
 13 very clear, and I think if you look on this map
 14 here, I think these are all fours and threes as
 15 far as tier fours and threes.
 16 MR. CLARKE: The blue bounded are is tier
 17 four.
 18 MR. PACK: Those are fours.
 19 MR. CLARKE: The red is actually a tier
 20 3C, if I'm not mistaken.
 21 MR. PACK: Yeah. So we already have

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1 current legislation that covers this type of
 2 connection that we will probably just put in
 3 place for this development.
 4 MR. DIVILIO: This seems to come up a lot.
 5 Just because sewer is run to an area does not
 6 mean that it's open for growth and development.
 7 MR. PACK: It has to be those lots that
 8 are designated in that development. So there
 9 are already some lots here that are unimproved
 10 but they have development rights on them. You
 11 don't lose the development rights.
 12 Case in point here --
 13 MS. PRICE: But you don't get more of
 14 them.
 15 MR. PACK: You don't get more of them, but
 16 they would still get the same amount of
 17 development rights, EDUs, on that property.
 18 Okay, good. Ms. Hughes, no.
 19 Mr. Collevchio.
 20 MR. COLLEVECHIO: One more question. There
 21 was a little bit of discussion on the Trappe

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1 option, and there was also discussion on the
 2 possible cost of that option.
 3 Is it possible to at least come up with a
 4 budgetary (inaudible) or a SWAG of what those
 5 costs would be in order to coordinate all the
 6 EDUs and then off to Trappe?
 7 MR. PACK: We did have it on our last
 8 chart that we looked at back in May.
 9 MS. PRICE: I don't know why it's not on
 10 here.
 11 MR. PACK: But it will be something that
 12 the PER will take a look at.
 13 Again, right now there is some uncertainty
 14 with the Trappe system.
 15 MR. COLLEVECHIO: Yeah. But it's still
 16 good to know just from a cost standpoint.
 17 MR. PACK: Sure.
 18 MR. COLLEVECHIO: Whether it's worth
 19 pursuing or not.
 20 MR. PACK: We --
 21 MR. COLLEVECHIO: -- 3 million versus

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1 1 million.
 2 MR. PACK: We do have some -- yeah, we
 3 have it from the last time. We can look at it.
 4 And depending on where they will be --
 5 again, I'm hoping the Council gives Duane the
 6 go ahead to finish up this PER today, finish
 7 this report up, because it's not complete.
 8 Then we'll have that completed report.
 9 That will go over to Rural Development, also go
 10 over to MDE so we can get into their system as
 11 far as for grant funding.
 12 And then if the Trappe option comes into
 13 play and it falls within this number, 3.5,
 14 3.6 million, and their plant can handle these
 15 connections that we'd like them to, then sure,
 16 I think that would be something the Council
 17 would certainly consider.
 18 MR. COLLEVECHIO: I know you'll consider
 19 it. You need to know the cost.
 20 I was just saying having preliminary costs
 21 kind of would allow for better conversation to

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1 start happening in the event that --
 2 MS. PRICE: Again, we had them. We know
 3 it's less than what we're looking at here.
 4 SPEAKER: It's less?
 5 MR. CLARKE: It is.
 6 MS. PRICE: It's less. It is less.
 7 SPEAKER: To run piping and pumps for
 8 five miles and it's less than putting it in the
 9 river?
 10 SPEAKER: Yes.
 11 SPEAKER: But no treatment.
 12 MS. PRICE: But again, let's figure out
 13 whether they're amenable or how we can make
 14 them amenable and whether it's BNR or ENR and
 15 those types of things.
 16 But it is less than what is on this page,
 17 from what I understand because we've seen it
 18 once before.
 19 MR. PACK: As you know, with Trappe,
 20 they're in, I don't want to say in flux. But
 21 they're looking at their next development

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1 phase --
 2 MR. WILLEY: -- putting that number out
 3 (inaudible).
 4 MR. PACK: So we got to be very careful
 5 with that number.
 6 Any other -- yes?
 7 SPEAKER: Is Oxford an option?
 8 (inaudible) down there.
 9 MR. PACK: No, I don't think Oxford is an
 10 option. No, no, no. I mean the distance is
 11 just too great.
 12 They're finishing up their plant in
 13 Oxford. Are they done there?
 14 MR. CLARKE: I think they're a little ways
 15 away.
 16 MR. PACK: They're a little ways away.
 17 They're working on their plant approval.
 18 But their plant was just for town use. It
 19 wasn't for any additional. So it was sized
 20 just for that town. So Oxford is not on the
 21 table at all. No.

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1 Mr. Rauch, thank you very much for being
 2 with us. Anything from you? I appreciate your
 3 time and your attention to this.
 4 MR. RAUCH: I'm just happy to be able to
 5 listen.
 6 MR. PACK: I'm just delighted to have you
 7 here.
 8 Ms. Lane, anything from you back there?
 9 MS. LANE: No.
 10 MR. PACK: Anything from the Health
 11 Department? Ann, I see you back there. You
 12 okay? All right.
 13 Are we good, Council?
 14 MR. CALLAHAN: I think we're good.
 15 MR. PACK: I'm going to ask Council now
 16 for a -- I don't know whether it's a motion
 17 needs to be taken for -- we need to instruct
 18 BayLand to continue finishing up the PER at
 19 this point. We're satisfied with what we
 20 heard. So I'm going to ask that we go ahead
 21 and give him instruction to do that.

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1 MR. HOLLIS: You'll want to take a straw
 2 vote tonight and tomorrow night you can vote.
 3 MR. PACK: So I do need a straw vote.
 4 Okay. And Ms. Morris was looking at me.
 5 So by a show of hands, so the people will
 6 hear me, I'm asking for a straw vote by a show
 7 of hands to move BayLand to finish up the
 8 preliminary engineering report on the Ferry
 9 Point project. By a show of hands, by Council.
 10 Madam Secretary, by Council.
 11 Okay. Duane, there you go. Go ahead and
 12 finish up your report.
 13 MR. WILDING: Okay. Thank you.
 14 MR. PACK: See you back here in about a
 15 month.
 16 MR. WILDING: Okay.
 17 MR. PACK: Thank you.
 18 (Work session concluded at: 6:45 p.m.)
 19
 20
 21

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1 STATE OF MARYLAND
 2 I, Diane Houlihan, a Notary Public in and
 3 for the State of Maryland, County of Anne Arundel,
 4 do hereby certify that the within named, Talbot
 5 County Council Audio, personally appeared before me
 6 at the time and place herein set according to law,
 7 was interrogated by counsel.
 8
 9 I further certify that the examination was
 10 recorded stenographically by me and then transcribed
 11 from my stenographic notes to the within printed
 12 matter by means of computer-assisted transcription
 13 in a true and accurate manner.
 14
 15 I further certify that the stipulations
 16 contained herein were entered into by counsel in my
 17 presence.
 18
 19 I further certify that I am not of counsel
 20 to any of the parties, not an employee of counsel,
 21 nor related to any of the parties, nor in any way
 interested in the outcome of this action.
 AS WITNESS my hand Notorial Seal this 19th
 of August, 2019, at Easton, MD.



 Diane Houlihan
 Notary Public

My commission expires September 16, 2021

&	20,000 57:12 58:4	5	absolutely 33:14
& 68:3	200 36:11 47:13	5,000 9:2,3 57:20	69:18 82:16
1	200,000 21:1 46:2 47:2 48:7 69:12	50 36:6 47:13 48:7 78:8	acceptable 31:20 32:1
1 87:1	2019 1:7 92:13	50,000 47:1,11	access 84:5,8
1,000 45:1	2021 92:20	500 34:12 48:1 52:6	accurate 17:12 49:9 92:7
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