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STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
JEAN-PIERRE WOLFF, CHAIR

ITEM 20:   )
)
Revision of Waste Discharge Order   )
No. 01-100 and Issuance of Waste   )
Discharge Requirements and Water   )
Recycling Requirements Order No.   )
93-2014-0050 for Cambria Community   )
Services District, San Luis Obispo   )
County   )
)
ITEM 21:   )
)
Waste Discharge Requirements, Order   )
No. R3-2014-0047, for Cambria   )
Community Services District Class   )
II Surface Impoundment, San Luis   )
Obispo County   )
_____)

TRANSCRIPT OF PROCEEDINGS
San Luis Obispo, California
Friday, November 14, 2014
Reported by:
MARK McCLURE
CSR No. 12203

Job No.:
3073WQSLO

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TRANSCRIPT OF PROCEEDINGS, taken at
895 Aerovista Place, San Luis Obispo,
California, commencing at 9:35 a.m.
on Friday, November 14, 2014, heard before
the CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD, CENTRAL COAST REGION,
reported by MARK McCLURE, CSR No. 12203,
a Certified Shorthand Reporter in and for
the State of California.

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APPEARANCES:
CHAIR: Jean-Pierre Wolff
VICE CHAIR: Monica S. Hunter
BOARD MEMBERS: Bruce Delgado
                    Russell Jeffries
                    Michael Johnston
                    Michael Jordan
                    Jeffrey Young
EXECUTIVE OFFICER: Kenneth A. Harris, Jr.
ASS'T EXECUTIVE OFFICER: Michael Thomas
CLERK TO THE BOARD: Tammie Olson
BOARD COUNSEL: Tamara Austin, Esq.
                    Lori Okun, Esq.

BOARD STAFF: John Robertson
                    Ryan Lodge
ENGINEER: John Goni

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I N D E X

1 (Pages 1 to 4)

1   SAN LUIS OBISPO, CALIFORNIA, FRIDAY, NOVEMBER 14, 2014
2   9:35 a.m.
3
4
5   BOARD CHAIR: Before starting on Item 20 and 21, I
6   notice we have a full house, and the agenda items very
7   possibly can be issues that, as individuals, you take
8   them very personally, passionately, and also with the
9   emotion, so I will request respectfully that we keep the
10   time allowance and also maintain the proper approach to
11   this deliberative process that we're using. So we
12   appreciate all of you being here today and expressing
13   your concerns and your input on these two important
14   agenda items.
15   So, Mr. Harris, would you please introduce Item 20.
16   MR. HARRIS: Item 20 and 21 will be considered
17   together today. Staff is recommending the Board revise
18   one order and adopt two orders to permit operations of
19   the Cambria Community Service District's emergency water
20   treatment system for drought relief.
21   The first presentation will be by the District to
22   provide a project description. After that Kurt Souza,
23   from the State Water Board's Division of Drinking Water,
24   will describe the the Division's role in the permitting
25   process, and then State Board staff Howard Kolb and and

1   Ryan Lodge will discuss the proposed orders.
2   The District would also like the opportunity to
3   provide additional information during the public comment
4   part of the hearing.
5   The District is an independent governmental body
6   responsible for water supply in its service area. The
7   District has applied for the Water Board for permits to
8   operate the proposed system, and staff has evaluated the
9   applications based on water quality considerations.
10   The District has also applied CEQA exemptions to
11   this project, as provided by the Governor in his drought
12   declaration April 25, 2014. The Division of Drinking
13   water identified the project as meeting the requirements
14   for an exemption and the Governor's Office of Planning
15   and Research concurred with the Division's
16   determination. Water Board staff agreed with the CEQA
17   determination. The District and Water Board staff will
18   provide additional details in their presentation about
19   CEQA compliance.
20   District staff will now provide a project
21   description.
22   MS. OKUN: Mr. Chair, before the District staff
23   makes its presentation, we have a couple of housekeeping
24   items with respect to some late comments, and I believe
25   there may be some disclosures that some Board members

1   want to make.
2   The public notices for these two items included
3   comment deadlines of October 19, so that would supersede
4   the standard language in the agenda saying that the
5   comment deadline was noon of Monday of this week. So we
6   had a number of comments this week, and I think last
7   week, as well. All but one of them were after noon on
8   Monday anyway, and I'll go through the late comments and
9   and make recommendations about whether you should accept
10   them. Basically, the Board's policy is that we will not
11   accept late comments if it would prejudice the Board or
12   any party, which would be the District in this action,
13   and in some cases the Board has required the late
14   commenters to demonstrate why they couldn't have
15   submitted their comments timely.
16   The first comment is from Lou Blanc. It included a
17   number of very lengthy attachments that was xx sent on
18   November 6 or 7. The District has had an opportunity to
19   look at his comment and to submit a response. Because
20   the attachments were very lengthy and they could have
21   been submitted during the comment period before October
22   9, I'm recommending that you accept Mr. Blanc's emailed
23   comments and the District's response, but not the
24   technical reports and other materials that were attached
25   to Mr. Blanc's email. Some of those were already in the

1   record so whatever is already in the record is staying
2   in the record, but to the extent anything was new, I'm
3   recommending not accepting those. And for the record,
4   he's nodding and that's your ruling.
5   BOARD CHAIR: Okay.
6   MS. OKUN: We received a letter from the California
7   Department of Parks. This was received later this week.
8   I'm recommending that you accept that. It was from a
9   sister State agency and the substance of the comments
10   were already included in the record because they were
11   incorporated in materials that we had already received,
12   so I'm recommending accepting that.
13   We received an email, I think staff received it
14   yesterday from Tom Luster, of the Coastal Commission.
15   He forwarded some materials that are already in the
16   record, and he requested that the Board impose a
17   reopener or a time limitation on the orders, and I and
18   staff have a response that they have prepared to address
19   his comments that we can talk about later. I'm also
20   recommending accepting that email.
21   I understand there's some comment letters that came
22   in this morning or last night from Federal agencies. I
23   haven't seen those, so if there are such letters, we'll
24   have to take that up later in the day.
25   And finally, there was a comment letter submitted

9

1 this morning by Cynthia Holly. We haven't had the
2 opportunity to review that, and there's no reason it
3 couldn't have been submitted during the comment period,
4 so I'm recommending excluding that. I assume Miss Holly
5 is here since somebody sent staff a letter so she or her
6 clients can make comments during the public comment part
7 of the hearing.
8   BOARD CHAIR: All right.
9   Mr. Harris?
10   MR. HARRIS: I just want to ask you to confirm on
11 the audio record that you concur with Ms. Okun's --
12   BOARD CHAIR: Yes, I was going to group my
13 concurrence with all the council's recommendation items,
14 yes.
15   MS. AUSTIN: Excuse me. Cynthia Holly is not here.
16 She sent her letter so it would be read during public
17 comment, and that was why it was sent to someone else
18 for her.
19   MS. OKUN: If there's somebody here who delivered
20 the letter who wants to read it during their three
21 minutes, that's fine, but I don't know what they're
22 going to say. And what I have in front of me now is a
23 late written comment that I'm recommending that you
24 exclude. That won't prevent anyone from reading it or
25 from making the same statements in their own words.

10

1   The final document is two pages that Mary Webb
2 passed out yesterday during the drought item. There
3 were two different graphs. It's related to the
4 District's need for the project, basically, and because
5 of the pendency of this action, I'm recommending that
6 you treat that as a late comment. I believe she's here
7 today to address the Board.
8   The District has a copy of those two pages. I gave
9 it to them this morning so they will have an opportunity
10 to respond to it, but because that's already been
11 distributed to the Board, I recommend that you put that
12 in the record.
13   BOARD CHAIR: Okay, we will do that. Thank you.
14   Do you want to add anything, Mr. Harris?
15   MR. HARRIS: No.
16   BOARD CHAIR: Thank you. So we can proceed with
17 the presentation.
18   MR. JORDAN: Mr. Chairman, just a question. Some
19 of those on the list you just talked about I think I'm
20 familiar with, others I have not seen. But the one
21 you're talking about that is the Mr. Blanc was the one
22 that appeared in my email box yesterday morning that has
23 the 97 pages, right?
24   MS. OKUN: Right, and the 97 pages is what we're
25 keeping out.

11

1   MR. JORDAN: So you're talking about accepting the
2 cover email but not the 96 pages behind that?
3   MS. OKUN: Right. The cover email, and there's
4 about a two-page response at the end from the District.
5   MR. JORDAN: I didn't get to the 97 and 97 pages,
6 so that was my question, is, where is the District's
7 response that you're referring to? So it's on the end
8 of that email, right?
9   MS. OKUN: Yes.
10   MR. JORDAN: Okay, thank you.
11   MS. OKUN: And the other letters that I talked
12 about, the Parks letter, Mr. Luster's email, and I think
13 those are the only other two so I think we can pass
14 those out.
15   BOARD CHAIR: Any other -- yes, Mr. Johnston.
16   MR. JOHNSTON: I have a disclosure I wish to make.
17 I was contacted approximately six or eight weeks ago by
18 a Cambria resident, Mr. Michael McLaughlin, who I have
19 known for many years through my work in the Teamsters
20 where he also worked. The substance of the contact he
21 made by telephone, we had one conversation during which
22 he expressed support for the Cambria project that we're
23 hearing today. I told him that I didn't know much of
24 the details, I figured it would eventually come before
25 us, I knew staff was working on it.

12

1   He expressed, also, that there was some community
2 opposition, essentially sentiments I noted in my
3 preparation for this meeting, that there's a letter from
4 Mr. McLaughlin in comments on this item, and essentially
5 what he expressed on the phone was similar to what is in
6 the letter that is in the record.
7   I was advised by staff after that this was a
8 pending matter that we would be hearing and I should
9 have no further contact with Mr. McLaughlin or anyone
10 else on the matter, and I haven't, and my conversation
11 with him really has not predisposed me to anything on
12 this matter, and in fact it's identical to his comments
13 which are in the record. Thank you.
14   BOARD CHAIR: Thank you, Mr. Johnston.
15   Any other inputs from the Board?
16   Mr. Harris, please proceed.
17   MR. HARRIS: I have nothing further, Mr. Chair.
18   BOARD CHAIR: All right. We're ready for the
19 presentation. And your presentation, how much time?
20   MR. HARRIS: I think we allowed 15 minutes for this
21 presentation.
22   BOARD CHAIR: All right. And we have, just so our
23 fellow Board members know the queue here, we have three
24 presentations, correct, Mr. Harris?
25   MR. HARRIS: We actually -- well, we have the

3 (Pages 9 to 12)

District and then we'll have two staff -- we have three
staff presentations, including Division of Drinking
Water, and then the District would like to have an
opportunity to comment afterwards.

I just wanted to confirm, it was 15 minutes, right?
I totaled everything up. Do you need more time?

MR. GRESENS: I'll need a little more time.

MR. HARRIS: I don't want to rush you.

MR. GRESENS: Probably 20 to 30 minutes.

BOARD CHAIR: All right. So what we will do is
after, since there are quite a few presentations, after
each staff and also the District presentation, the Board
will have an opportunity to ask some questions rather
than waiting, you know, for an hour on the presentation
and it may become a little bit fuzzy or confusing
discussing items, so you'll have an opportunity after
each of the staff presentations to ask some questions.

So please proceed, and we'll provide a little
flexibility on time.

MR. GRESENS: Thank you very, very much on behalf
of the District. I particularly appreciate all the
efforts of your staff, both here in San Luis Obispo
office as well as the Carpinteria office, and Division
of Drinking Water. We wouldn't be here today if it
wasn't for their help, so thank you.

My name is Bob Gresens. I'm district engineer for
the Cambria Community Services District. I'll give you
some background on our project and a few introductions
beforehand.

First of all, before I go too far here, we have two
board members here. We have director and vice president
Gail Robinette, we have board member Michael Thompson,
and our general manager, Jerry Gruber, here today.

I also have a fabulous supporting team here with
our people, Mari Garza-Bird on my right here, and as
detailed questions come up we can introduce more people
from the CDM Smith team but they are in the back here.

So without further ado, I'll just jump in the
background. We have a nice graphic up on the right,
also, of the project that we can refer to. Essentially,
our background of our project is we were working with
the Army Corps originally on various alternatives. They
did actually did workshops, screened many alternatives.
We used one of them as a springboard to simplify and
come up with a very fast-track, emergency supply project
which is in front of you today that was designed to fit
entirely on our property up the San Simeon Creek Road.
We used prefabricated treatment plant units that were
built in shipping containers to the fullest extent
possible. We used above-grade piping to avoid having to

trench through areas as much as possible, and again it
was a fast-track design-build effort.

You'll see that our project, San Simeon Creek Road
is here, this is Highway 1 here, just to get your
bearings. The main components of the project are the
advanced water treatment plant that's right here. It's
fairly well hidden from the roads. We have our
evaporation pond, which is our largest feature, and
that's to evaporate the RO reject water, and that used
to be an existing holding basin that's being modified to
meet the Title 27 requirements. We have some key
pipelines.

This is a mitigation design feature to make sure we
are introducing water into the head of the San Simeon
Creek Road to support the habitat there.

We have an existing extraction well here that's the
source water, and then we reinject our water up in this
point here after it's fully treated, and it migrates
underground into one of our two potable wells. We
actually have three, but this one is going to be used as
a monitoring well. So it'll travel from here to here,
and it has to travel at least two months to get to that
point. That's a real quick overview, and again we can
come back to questions as they arise.

This is just a close-up of our well field. Again,

the injection well is here, we have a new monitoring
well here, we're going to use this production well here,
SS-3, as a monitoring well, and these will be the two
wells that are used to actually produce water. They are
existing now and they will capture some of this
treatment water that's going to migrate underground.

The production will be approximately 300 gallons
per minute that goes to our customers. That's about 250
acre-feet during a six-month drought season. Basically
what happens to our water now, it comes from our
wastewater treatment plant, pumped a couple miles, goes
in effluent percolation ponds. That goes underground,
percolates and then it flows as underflow into the
ocean. All the water, including the basin underflow, is
about -- greater than 45 acre-feet per month, so we are
recovering a portion of that lost water with this
project.

I'll just make these slides come in quickly. I
didn't want to spend a lot of time on this particular
one, but this is a water balance slide that shows the
conveyance, and the first block is what I just
mentioned, the wastewater treatment plant flow that's
going through the percolation pond. We have our
extraction well that's our 9P7 well on our project. We
have a certain amount of water goes to our perc pond in

4 (Pages 13 to 16)

the form of backwash water, and we have the
100-gallon-a-minute mitigation water going to the
lagoon, and then a small amount is lost to evaporation.
We have our advanced treatment discharge which goes
into our injection well, with about 300 gallons a minute
going to the customer. There's a slight amount -- or
there is an amount of water that flows underground back
to this well. We have a little bit of recycling
occurring under here, and so there's a total water
remaining in the system of 594 gallons a minute, total.
So our net balance -- the purpose of this is to point
out that our net balance is positive, slightly positive
overall.
As far as the advanced water treatment plant goes,
we have three levels of barriers here. We have
micro-filtration, reverse osmosis and advanced
oxidation, and they are primary barriers for pathogens
and other contaminants that we'll get to in a minute
here.
The first barrier is membrane filtration, and those
are hollow fibers with very, very tiny holes that remove
nearly all the suspended solids from the pumped water,
the turbidity, it removes protozoa and bacteria. It
does not remove viruses or dissolved contaminants and it
does not use chemicals or change the chemical

constituents in this first step of the treatment.
We then have our second barrier, is reverse
osmosis, and these are spirally wound membranes that
remove viruses, dissolved salt, dissolved organics,
pharmaceuticals and personal care products, and the
pores are too small to measure, but they remove
particles as small as one-tenth of a nanometer in size.
And then our next barrier is an advanced oxidation,
and that has a highly concentrated UV light process in
combination with hydrogen peroxide which would basically
oxidize any remaining organic compounds and break them
down if they were to make it through the RO barrier
ahead of this. So this is an additional barrier for
pathogens. It operates at about ten times higher
intensity than a typical UV treatment at normal drinking
water plants, so it's a pretty powerful UV system that
we have.
The post-treatment consists of chlorination to
provide some redundant disinfection. There's some
calcium caustic soda added to stabilize the water
because it's actually a little bit aggressive, it's had
too much removed from it at this point, and so the
finished water, after it's been stabilized, is
reinjected into that well I showed a minute ago,
traveling at least two months before it reaches any of

the wells for reuse.
The permitting process, I'm just going to talk a
little bit about our land use permitting at this point,
and I'll talk in a minute on some supporting materials
related to the two permits before you.
On our land use permitting, and this should say
"emergency" versus "regular" instead of "temporary." I
got a little error, I noticed, last night. We have an
emergency coastal development permit for our project.
That was issued by San Luis Obispo County on May 15, and
we require completion by today or after today.
We have a two-pathway process going on here. The
emergency coastal development process requires us to
complete the emergency project, but in pair with that
and on a separate path we submitted a regular coastal
development permit, and that's support by a CEQA
process. So we have this regular coastal development
permit application in with the County, we're responding
to some of their detailed questions, and we're in the
process of supporting that with the full CEQA process,
even though our current work is subject to the
Governor's executive orders.
On our Board agenda for this coming November, we're
going to actually have an item for discussion to approve
a contract to do that supporting EIR on the regular

coastal development permit project.
You know, even though we're covered by the
executive orders, we are paying close attention to the
environmental needs and CEQA. It's not like we're
ignoring CEQA with the current effort. Just to give you
the basics of what we're doing on this current project
that will be backed up by EIR, we did an earlier IS/MND
that was not adopted because we decided to go with an
EIR. We're paying attention to the esthetic issues.
The biological issues, for example, we have a biological
monitor onsite during construction, there are
pre-construction surveys, we are following this up with
an adaptive monitoring plan to monitor our protective
measures to make sure they're doing their job,
particularly with regards to the lagoon.
On cultural resources, we've had both an
archaeological and Native American Indian monitors
working out there side by side with the contractor
making sure we're paying attention to sensitive areas
and we're abiding by noise standards.
We had existing regulations that were found that
were both in the local coastal program as well as the
coastal zone land use ordinance. There's been
dust-control measures implemented. We are following the
compliance terms of our emergency coastal development

5 (Pages 17 to 20)

1 permit that the County issued. We have a third-party
2 specialized evaporation pond construction monitor, and
3 that was directly the result of your staff recommending
4 that to us. We have added an underground gopher barrier
5 and we're adding an aboveground frog barrier around the
6 entire perimeter of the pond. That's being done as a
7 change order on our project, and again your staff was
8 instrumental in guiding us through that process to make
9 sure we added that.
10 We have added double containment piping to the
11 reverse osmosis reject water. Again that was based on a
12 comment we received early on. We have increased the
13 overlap of the seams in the pond liner based on your
14 staff's recommendations.
15 We have our mitigation water design feature, which
16 that would be worth briefly touching on. This is a
17 rough cross-sectional view of what we have between where
18 our percolation ponds are, where our existing water
19 wells, San Simeon 1, 2, and 3 are, and the ocean. So
20 the underflow is coming out towards the ocean. We have
21 a little bit of a mound developed here with the
22 percolation ponds that helps slow the flow of the
23 underflow out to the ocean. So that's a normal rain
24 period, so everything is fine.
25 What happens in a drought without the emergency

1 project is this can get reversed, so our well fields get
2 pulled down, the percolation ponds start flowing in
3 reverse, and this is without the level of treatment
4 we're talking about today, this would go right to our
5 perc ponds, and then you have seawater that can come
6 from the ocean.
7 That's, obviously, not a good thing, and so what
8 our project is doing is we are taking the water and
9 injecting it in the reinjection well and creating a new
10 mound here that again serves as a barrier to the San
11 Simeon wells 1, 2 and 3. There's a certain amount that
12 flows in this direction -- it's on a water balance slide
13 that I showed earlier -- and then flows to the ocean.
14 So we are protecting the production wells from the
15 backflow effect you saw earlier as well as helping some
16 of the water further down-gradient.
17 We have had a number of comments on lagoon levels.
18 They are impacted by numerous conditions -- wet season,
19 dry season, connectivity through the beach berm, the
20 groundwater flows. We had mitigation flows that
21 circulate water back into the lagoon that can seep back
22 into the basin. That last point is beneficial.
23 Just briefly, background material is on your Title
24 27 permit that's in front of you today, this is the
25 cross section of our evaporation pond. Again we have

1 the lining system installed. Per the Title 27, it's a
2 three-level lining system. I don't want to talk too
3 much because I know your staff is going to get into this
4 in more detail, but basically we maintain a two-foot
5 freeboard and that stores our concentrate reject water
6 from the RO, or sometimes referred to as advanced water
7 treatment plant water brine flow.
8 In order to achieve the evaporation needed along
9 the coast, we are putting in operation blowers that are
10 mechanical blowers similar to what you would see for a
11 snowmaking machine at a ski resort, except they're
12 mounted more horizontally and pointed directly over the
13 pond. They have soundproofing around three sides of
14 them to make sure the sound doesn't emanate anywhere
15 besides over the pond, and we have a weather station
16 located onsite to monitor the conditions that will
17 actually shut off the blowers if the wind speed exceeds
18 a certain speed or direction or goes in the wrong
19 direction.
20 This is just an overview of that. These are some
21 of the technical details provided by staff.
22 The quality of the brine has been questioned in the
23 past. There's no constituents in the brine that come
24 close to reaching hazardous levels. Again our excellent
25 CDM Smith staff has analyzed that in detail.

1 There's no selenium or mercury that was detected in
2 the surface source water, either.
3 A little background on Title 22. We did do a
4 tracer test earlier on to comply with the Title 22
5 indirect reuse regulations. We ran this before our
6 plant was built, so we ran it at a fairly high rate of
7 454 gallons a minute. By pumping out of either existing
8 well SS-1 or SS-2, we had a temporary pipeline laid
9 above the ground that went to that injection well where
10 we added the tracer. The tracer was a bromide salt at
11 10 parts per million.
12 The bottom line is and hopefully the next slide --
13 I'll have to go back. I think there's a future slide.
14 The duration of the test was 67 days and we ended the
15 test after that period of time.
16 This shows the results of that test. The closest
17 well at that higher flow rate had the travel time at 58
18 days, and that was again extracted at a much higher rate
19 of 454 gallons per minute, and then SS-1, that's 67
20 days.
21 And what we're actually doing with the operation at
22 this point is we're looking at a flow rate injection of
23 400 gallons a minute, which is lower than the 454, and
24 modeling results found that the travel time to the
25 closest well is 82 days, and that was producing the 300

6 (Pages 21 to 24)

1 gallons a minute, and the travel time to SS-1 was 106
2 days. So the key was trying to get above the 60-day
3 period that was a requirement of the regulation.
4   At this point I'll just stop and see if there are
5 any questions you may have. Again, we greatly
6 appreciate the effort from your being here as well as
7 your staff. They've been really great to work with and
8 we, obviously, support the permits and recommend that
9 you adopt them at the end of this discussion. So thank
10 you.
11   BOARD CHAIR: Thank you very much. So to my
12 colleagues, I'm going to start on my left. Do we have
13 any questions?
14   MR. YOUNG: Not at this point.
15   MR. JEFFRIES: Yes. Thank you, Mr. Chair.
16   The questions I have, I see that you did a 60-day
17 test and used some kind of chemical, tracer chemical.
18 How long of a test did you make?
19   MR. GRESENS: The tracer chemical was a sodium
20 bromide salt. It ran a total of 67 days for the
21 testing. The first 30 days they injected the salt at 10
22 parts per million while sampling at the monitoring
23 wells, so we had this loop going on where the water was
24 pumped from either SS-1 or SS-2 into an above-grade
25 pipeline. The tracer salt was added, it went into the

1 injection well, and then on its way back through an
2 underground channel through the groundwater, that's
3 where we had our sample well and we were sampling
4 periodically to measure that concentration.
5   MR. JEFFRIES: Was this just one test or was there
6 a series of tests?
7   MR. GRESENS: Well, the analytical were multiple
8 tests on a regular time frequency. I don't have that
9 time -- weekly. We do have our experts here and they
10 can get into some of these details if I can't answer in
11 an adequate enough fashion. So we had a lab analysis
12 and there was at least weekly sampling that was going
13 on.
14   MR. JEFFRIES: You alluded that you were doing an
15 EIR, is that correct?
16   MR. GRESENS: Yes. That's to support our project's
17 regular coastal development permit, which is kind of a
18 second step in the County's permitting process.
19   MR. JEFFRIES: When will that be available?
20   MR. GRESENS: Well, our Board is going to
21 deliberate on it as part of the November 20th meeting.
22 Assuming they do authorize the contract, it's going to
23 probably be at least a three-month period to get that
24 out for public review, is my best estimate at this time.
25   MR. JEFFRIES: Three months from now?

1   MR. GRESENS: From the 20th.
2   MR. JEFFRIES: The 20th of November?
3   MR. GRESENS: Yes.
4   MR. JEFFRIES: Will that be available to our
5 agency?
6   MR. GRESENS: Yes, absolutely.
7   MR. JEFFRIES: The operation time of this facility,
8 these facilities, is this going to be 24/7 or how --
9 what is the duration? Is it on a needs basis?
10   MR. GRESENS: We are still resolving that with
11 our -- we're going to contract to operate this for at
12 least the first three months. And exactly whether it's
13 going to be 24/7 for five days or if they're going to go
14 seven days, it hasn't been resolved specifically. We're
15 meeting with the operational lead person this coming
16 week, on Monday, so they're starting to do commissioning
17 testing on Monday, but the full-scale operation will be
18 several weeks after that, so -- okay, I'm advised here
19 that it will operate no more than six months per year,
20 if it was operating -- it will be capable of running
21 24/7. Maybe I'm struggling somewhat with your question.
22 I'm sorry if I am.
23   MR. JEFFRIES: Well, I think you're getting into
24 the next part of it. Who decides when it's going to be
25 run? I ask is it on demand or is there a certain level

1 of your extraction wells that triggers this?
2   MR. GRESENS: Well, it's going to be based as we're
3 monitoring our aquifer levels to maintain that
4 differential that I alluded to earlier. But, for sure,
5 we're going to operate it for at least the next month no
6 matter where the levels are at, just to get this thing
7 wrung out properly. We are estimating that it's going
8 to run probably at least three months this year yet, so
9 that's our best estimate.
10   MR. JEFFRIES: My last question for you now is you
11 related to the brine extraction operation ponds. What
12 do you do with the solids that are left in the ponds
13 after you've evaporated them?
14   MR. GRESENS: After they concentrate to a certain
15 level, we'll have them hauled off.
16   MR. JEFFRIES: Do you have more than one pond?
17   MR. GRESENS: We just have the one pond.
18   MR. JEFFRIES: You have one pond. So you'd have to
19 shut down the facilities at that point in time to remove
20 the solids, is that correct?
21   MR. GRESENS: That's correct.
22   MR. JEFFRIES: Thank you very much.
23   BOARD CHAIR: Mr. Young?
24   MR. YOUNG: Thank you, Mr. Chair.
25   Could you go back to your slide that shows the

1 current condition with the over-extraction of the
2 groundwater? So if I'm not mistaken, the lady who spoke
3 to us yesterday had indicated that data that you have
4 suggests that the levels at your wells 1, 2 and 3 have
5 actually not changed, that the elevation of the aquifer
6 there has remained the same. Is that true? Do you have
7 any information otherwise?
8   MR. GRESENS: We had the wells shut off for two
9 months during the tracer study so that allowed the
10 system to stabilize and get to what you would say is
11 about an average level. We have just started running
12 them again after the -- what date was that, Mari,
13 September 29 or 9th -- 29th, I'm advised. I think it
14 was September 29 when the tracer study ended, so the
15 wells now are coming down because we're actually
16 starting to use them as production wells again. So we
17 had a two-month period where they were not being used,
18 so that is correct.
19   MR. YOUNG: Do you have a graph that shows the
20 historical elevation of the groundwater table there,
21 say, over the last couple of years coming through to the
22 present?
23   MR. GRESENS: I do have that. I don't have it with
24 me today, but I do have such a graph, yes.
25   MR. YOUNG: When did you first begin to see

1 groundwater levels being lowered on kind of a permanent
2 basis because of drought?
3   MR. GRESENS: I would say that it was the early
4 part of this year, around January when we were seeing
5 things drop quickly, particularly in our Santa Rosa
6 well, which is a separate aquifer. We have two
7 aquifers, Santa Rosa and as well as the San Simeon
8 Aquifer, shown here.
9   MR. YOUNG: Both aquifers feed into these three
10 wells? Do both aquifers feed into these three wells?
11   MR. GRESENS: Both aquifers will feed into the
12 percolation pond area after that water goes through the
13 wastewater plant, so it's -- we have probably 80 percent
14 of the water, Cambria, is indoor water use, as a rule,
15 and that water is going through the wastewater plant
16 which, in turn, is going into the operation pond, so
17 there are times when the operation pond will be getting
18 water from the Santa Rosa Aquifer that helps things out,
19 and that was occurring during that two-month period I
20 mentioned because we had all the production in the town
21 coming off the Santa Rosa wells, we had the San Simeon
22 well shut off, so we were putting more water in the San
23 Simeon Aquifer than was being pumped out it for two
24 months straight there.
25   MR. YOUNG: Thank you.

1   BOARD CHAIR: Yes, Mayor Delgado.
2   MR. DELGADO: Just following up on the same
3 question, yesterday we were given a graph of the San
4 Simeon water levels, and it shows that most of this
5 year, at least since March 15 of this year, the water
6 levels are tracking pretty closely to a 26-year average
7 level of those wells, significantly higher than the
8 26-year average minimum and lower than the 26-year
9 average maximum, but basically it appears to be an
10 average year with the water levels at San Simeon Creek
11 wells since March of this year. That's all it shows.
12 So given that this graph shows 2014 to be tracking
13 fairly closely to the 26-year average level, what is
14 your feedback on that?
15   MR. GRESENS: We were artificially recharging that
16 lower perc pond with the Santa Rosa wells. So we were
17 not producing any water from San Simeon, versus those
18 other years where we were producing from San Simeon. So
19 the underflow has been my greatest concern, because of
20 the long-term drought that that's not occurring. So
21 once we start producing, those wells start dropping very
22 quickly because the underflow is not adequate to keep
23 up. So those earlier years are under more normal
24 operation where you are relying on the San Simeon wells.
25   We obtained over 40 percent conservation in town

1 because of the drought emergency that was declared on
2 January 3. It was very onerous conditions and we had
3 water use limited to 50 gallons per capita per day, we
4 had a mandatory 20 percent reduction on commercial, a
5 total ban on outdoor irrigation, so the community cut
6 its water use by 40 percent. So not only did we reduce
7 our demands by 40 percent to get to that average-looking
8 level, we also had the San Simeon well shut off and we
9 were creating this artificial imbalance by putting all
10 our Santa Rosa water into that perc pond. So it looks
11 pretty rosy on that chart but it's not typical, it's not
12 a fair comparison with those other years.
13   MR. DELGADO: When you responded earlier to Board
14 Member Young's question, similar question, I thought you
15 mentioned that it had been a couple of months where you
16 had stopped pulling. Have you been doing it for many
17 months or just a couple of months?
18   MR. GRESENS: It was a 67-day straight period, and
19 I think it ended September 29, that 67th day was around
20 the 29th of September.
21   MR. DELGADO: That's why my follow-up, is because
22 at least this graph goes back to March 15, and the
23 question would be what would have happened in February
24 and January and December, but it seems like it's more
25 than two months that it's been tracking average. Would

8 (Pages 29 to 32)

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1 that, you'd say, be due to conservation measures that
2 were happening since earlier this year?
3 MR. GRESENS: Yes, I definitely feel the
4 conservation measures were key in our being able to make
5 it this far along and those wells staying where they
6 were in that period of time.
7 MR. DELGADO: Thank you.
8 BOARD CHAIR: You know, one thing I'd like to do in
9 fairness of the process, we're talking about charts and
10 I'm not even sure if you have them in front of you. I
11 don't think it's fair to -- please, folks, let me speak.
12 Thank you.
13 So what I'd like to do is to at least have these --
14 if you have them in front of you, Mr. Harris, or to
15 provide them so if you're commenting, at least we're
16 working out of the same piece of information.
17 And also, I think that it would be worthy to vet
18 this information because this was presented by a member
19 of the public. I have no idea where the data comes
20 from, so before my fellow Board members address,
21 perhaps, more of this item, I would like you to comment
22 on the source of the information and making sure that
23 you have that information in front of you.
24 MS. OKUN: We have some extra copies of the
25 document we're talking about. We are passing some

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1 copies out to the members of the audience.
2 MR. DELGADO: Thank you.
3 MR. GRESENS: I'm not sure I'm clear on the process
4 here.
5 MR. HARRIS: Chairman Wolff, if I can suggest that
6 we continue the Board's questioning, avoiding charts at
7 this point and give the District a chance after we come
8 back to it at a later time.
9 BOARD CHAIR: My point is, I would like to then
10 defer the discussion pertaining to the charts, making
11 sure they have a chance to look at them.
12 MR. HARRIS: Absolutely.
13 MS. OKUN: We can also put the charts on the ELMO.
14 MR. HARRIS: I think at this point let's leave the
15 chart as a question for later and continue to move on
16 with the Board questioning.
17 BOARD CHAIR: Dr. Hunter?
18 DR. HUNTER: Thank you.
19 Thank you for your presentation. So I'm not sure,
20 excuse me if I missed the number, but how many customers
21 are you currently serving in the Cambria Water District?
22 MR. GRESENS: From the 2010 census, it was about, I
23 think, 6,032, and it's fluctuated up to 6,200 as far as
24 full-time residents.
25 DR. HUNTER: And that includes businesses and

35

1 hotels?
2 MR. GRESENS: That's just full-time residents.
3 Typically, our water use is approximately 20 to 25
4 percent commercial and about 75 percent residential.
5 DR. HUNTER: And so my question is right now you're
6 talking about an emergency order to ensure water,
7 adequate water for the customers that you currently
8 have, which is around 6,200. Let's say 6,100. At any
9 point will this system provide water for new residential
10 uses? In other words, can this water contribute to
11 supporting growth of residential development?
12 MR. GRESENS: This is designed to improve the
13 reliability for the existing community. The practice in
14 Cambria has been to do a demand offset on any new
15 connections, which I think is a local coastal
16 program-driven requirement.
17 We have a very aggressive conservation offset
18 program so anyone who comes forward with a water
19 connection request has to -- they buy points that are
20 used for the conservation program so that offsets any
21 demand from that future connection.
22 DR. HUNTER: In the CEQA document, that aspect of
23 the water supply would be addressed in terms of any
24 growth inducement impacts resulting from having the
25 ability to run this operation -- I had not seen anything

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1 in the report that said you can only run it under
2 certain conditions. Are there drought-specific
3 conditions, criteria that are in the permit?
4 MR. GRESENS: That's correct. The current
5 emergency coastal development requires us to be in a
6 state 3 emergency, which we're still in right now.
7 DR. HUNTER: Thank you.
8 BOARD CHAIR: Mr. Johnston?
9 MR. JOHNSTON: Good morning. A couple of
10 questions. First of all, your first or second slide
11 mentioned that the Army Corps was working on a
12 longer-term project. Can you just give me a brief
13 sketch of what that is and how it relates to this?
14 MR. GRESENS: Yes. This has been a longstanding
15 project with the Army Corps. The District received a
16 Federal authorization, I want to say, probably 10 years
17 ago, from the Water Resource Development Act, and that
18 particular program is administered by the Army Corps, so
19 even though it's a Federal funding program, they
20 administer all the contracts.
21 Over the years, they got an authorization, but they
22 didn't always get the appropriation. It's a two-step
23 process and they've been lacking in funds so that
24 project stalled a couple years back without making much
25 progress. They're trying to reactivate it. That would

9 (Pages 33 to 36)

1 follow a whole separate path for a long-term project.
2 I mentioned they had looked at 28 alternatives at
3 one point. They're going to be looking at how this
4 project be incorporated into their depot review process,
5 which they have to follow the National Environmental
6 Policy Act as opposed to CEQA, which they probably have
7 at least a year to go in getting that document wrapped
8 up.
9 So once it goes up, they'll have a preferred
10 alternative identified. We don't know if the preferred
11 alternative is going to incorporate this emergency
12 project or not at this point in time.
13 MR. JOHNSTON: So what you're saying is that there
14 is a longer-term Army Corps project but it's still in
15 the scoping stage and you have no idea what the result
16 will look like?
17 MR. GRESENS: Yeah. It's a little bit further
18 along than a scoping session, but that's the gist of it.
19 MR. JOHNSTON: Okay. Now, you referred to this
20 project's operation during the six-month drought season,
21 and so I'm trying to understand that. Is that concept
22 that basically kind of every summer is drought season in
23 Cambria or what do you mean, "the drought season"? I
24 feel like we've been in a drought season about the last
25 three years in California.

1 MR. GRESENS: Yeah, it's really CCSD-Board driven
2 as far as whether it's a stage 3 condition or not, and
3 as staff, we provide them information. Our dry season
4 is normally six months long, but again it depends each
5 year on the amount of rainfall we get. We got about 80
6 percent of what was the minimum needed to recharge our
7 aquifers this last season, so it's a combination of
8 factors. And when we say drought, I think more in terms
9 of the stage 3 drought emergency, and again that's our
10 Board that makes that declaration.
11 MR. JOHNSTON: So the current emergency permit
12 issued by the County allows you to run it only when
13 there is a stage 3 drought, an emergency declared by the
14 Board. The regular permit which you're requesting, what
15 are the restrictions on what you could run it in that
16 permit?
17 MR. GRESENS: Well, I don't mean to sound evasive
18 here, but that's going to be a County decision on that
19 particular permit. If it was up to me, I would ask that
20 we can avoid getting to a stage 3 by running this
21 project. Again, that decision really is going to be
22 made by the County when they deliberate and decide on
23 that regular coastal development permit. So that's my
24 opinion on what I would like to see happen on that
25 permit, but I can't speak for them.

1 MR. JOHNSTON: And finally, a couple of the other
2 Board members touched on this. I mean, I guess
3 certainly there's a concern that this will simply
4 become, rather than -- even though it's being permitted
5 under an emergency process and it's avoiding CEQA and
6 able to move quickly through the pipeline, as it were,
7 because of the emergency, the Governor's declaration
8 that it's simply going to become part of the
9 infrastructure. I guess there are, by definition,
10 because you have to empty that pond periodically,
11 there's an inability to run it 12 months a year, year in
12 and year out. What are the engineering limits, if you
13 chose, down the road, to run this on a more constant
14 basis, what are the engineering limits to how much it
15 could be run?
16 MR. GRESENS: I'm hearing from Mari, to my right
17 here, that it's about two years before you'd have to --
18 MR. JOHNSTON: So you could run it for two years?
19 MS. GARZA-BIRD: The limitation of the facility is
20 the surface impoundment, surface water impoundment and
21 the ability for it to evaporate the constituents in the
22 pond. If they were to run the facility for six months,
23 a full six months during a dry season, turn it off for
24 six months, and then turn it on for another six months,
25 full six months continuously and then have it off for

1 six months, they would need to let the pond continue to
2 evaporate water out of it before they could turn that
3 facility back on again, probably for another year in
4 order to let the evaporation pond to catch up.
5 MR. JOHNSTON: So what I hear you saying they could
6 run it a couple of six-month dry seasons in a row, but a
7 third one wouldn't be practical unless they were able to
8 pump out all that water so they could get at the solids
9 and that would be a fairly major undertaking?
10 MS. GARZA-BIRD: Correct.
11 MR. JOHNSTON: Okay. Thank you.
12 BOARD CHAIR: Mr. Jordan.
13 MR. JORDAN: Thank you, Mr. Chair.
14 You talked a little bit about the evaporation pond
15 and the steps you're taking. There's little information
16 in the staff report about what is actually evaporating
17 and whether it is hazardous or toxic or you're just
18 making steps to be gracious. So can you tell me, when
19 something is evaporating out of the pond, what is the
20 issue with what's in the air?
21 MR. GRESENS: Again, from my earlier slide, we
22 found it not to fall under the definition of a hazardous
23 substance. We're evaporating water from basically
24 saltwater that's coming off the RO reject. The
25 mechanical evaporators are increasing the amount of

surface area, and that accelerates the normal
evaporation that comes off the top of that pond. They
will be interconnected with our weather station so that
if the wind speed exceeds a certain mile per hour they
shut down, and then if it blows in a direction, say,
towards the campground they would shut down.

MR. JORDAN: And why is that?

MR. GRESENS: That is just a safety precaution to
make sure there's no drift that goes outside the
perimeter of that berm so that everything is contained.

MR. JORDAN: I'm still not clear on drift of what.

MR. GRESENS: Okay, the mist, or the brine --

MR. JORDAN: Does it smell, does it have something
in it that is not hazardous but is hazardous? I mean
what's prompting you to take -- I realize the order is
saying they want to contain it both on the ground and
vertically.

MR. GRESENS: It's avoiding putting any saltier
water outside the perimeter of the pond, basically.

MR. JORDAN: So there's higher levels of salt in
the air, the evaporated air that would be moving around?

MR. GRESENS: Yes, I think that's accurate.

MR. JORDAN: That's the concern?

MR. GRESENS: Yes.

MR. JORDAN: Okay. I'm really confused on the

process of what you said you were going to do with CEQA.
So due to the proclamation and the exemptions you can go
through this process without CEQA, but then you're not
also given those exemptions with your County CDP per
your CEQA requirements?

MR. GRESENS: Well, the County process allows us to
proceed without CEQA as far as building the emergency
facility, but that is conditioned, to say, first of all,
we have to put in a regular coastal development permit
application, which we have, and the County has reviewed
and commented on, and that regular coastal development
permit which can follow this project has to be supported
by a CEQA process, and that's what our Board is going to
be deliberating on.

MR. JORDAN: You're not allowed those exemptions as
part of that process -- the State exceptions?

MR. GRESENS: You're getting into a field of law,
probably, that I'm not qualified to answer, but our
approach has been to be good stewards and to follow --
you know, do whatever is right for environmental
protection.

MR. JORDAN: So if that wasn't clear, you wouldn't
have any heartache about something to that nature being
included in the permits today, that you would follow
through on a full CEQA process?

MR. GRESENS: We're following through on it and we
do believe that the current emergency project is subject
to the Governor's executive orders that allow us to
complete that without CEQA.

MR. JORDAN: Let me try the question again so it's
a "yes" or "no." So you would not have any heartache as
part of the approval process you're going through here
that would commit you to that future process of going
through CEQA?

MR. GRESENS: Well, I should probably deliberate.
No.

MR. JORDAN: Perfect. That's the right answer.
Then you referenced some prior CEQA work that you
started before and you got so far as a negative dec.
Was that ever adopted or certified by anybody?

MR. GRESENS: It was circulated but never adopted.
Our Board deferred action on that back in, I think it
was, on the August 4th meeting.

MR. JORDAN: And at that time you or your
consultant identified no impacts that would be
unmitigable?

MR. GRESENS: They identified potential impacts and
they identified mitigation measures if you reduce them
to less than significant levels.

MR. JORDAN: So no class 1 impacts that couldn't be

mitigated?

MR. GRESENS: Right, no class 1.

MR. JORDAN: Then you described in answer to an
earlier question, I think by Dr. Hunter, a reference to
some sort of coastal control on new development. Is the
essence of that is that you're basically in an area that
allows no net new water use? Is that the result of that
process where you referenced almost like transfer of
conservation rights and a trading of credits, but if a
new project came in to you today, they would have to
essentially show that there's no net new increase in
water use over the current status?

MR. GRESENS: That's been a practice of the
District for many years. Again, that's a Board-driven
policy, that we offset any future connections with
conservation. There's also some related verbiage in the
local coastal program for the North Coast that says
something to the effect that you will not increase your
diversions out of the creeks without having a new water
supply project built, so we've been bound abiding by
that condition as well.

MR. JORDAN: Do you know if the offset results in
no new net increase or is it just a offset to reach a
conservation that's a prescribed conservation level?

MR. GRESENS: It's a no net increase.

1   MR. JORDAN: You mentioned some type of trading
2   credits, so if a commercial or residential facility went
3   away, somebody would have some credits to trade to a new
4   project, is that kind of how that works?
5   MR. GRESENS: I've got to think about your question
6   for a minute.
7   MR. JORDAN: You mentioned the word "credits."
8   MR. GRESENS: Yes. We have what we call a
9   conservation points bank. Every rebate results in so
10   many gallons per day saved or even maybe tenths of
11   gallons per day saved that gets equated to points. So
12   we have a bank for positive points that happens when we
13   do a conservation effort. For example, a project a few
14   years ago we helped the laundromat replace all their
15   commercial machines with very high-efficiency machines.
16   That developed so many points.
17   So a new development that would come is required to
18   come up with at least that many points, so that would
19   come out of that bank, if it was positive at the time.
20   If it's running negative, they actually have to do the
21   conservation measures, so that's the gist of how that
22   program works.
23   MR. JORDAN: What does the bank look like right
24   now?
25   MR. GRESENS: It's positive by, probably, a few

1   thousand points.
2   MR. JORDAN: What does that really represent in the
3   relevant world?
4   MR. GRESENS: I would have to get back to you on
5   the gallons on that. I know it's positive by a couple
6   thousand points. Each point, I think -- I'm going to
7   probably step on my tongue here, but about a gallon and
8   a half per day, give or take, a couple of tenths.
9   MR. JORDAN: And then the question Mr. Johnston
10   had -- I think you said you were going to sound evasive.
11   You did sound a little evasive. While the County will
12   approve your CDP, you get to fill out the application so
13   what's actually on your application concerning how you
14   operate this facility after a drought status?
15   MR. GRESENS: Well, our intention is to have a
16   mirror image of what's in the emergency project. So as
17   far as how it operates --
18   MR. JORDAN: You said your preference would be that
19   this is available to you whether you were in a stage 3
20   drought or not, and that the County would eventually be
21   the person who decided if that was a component of your
22   approved CDP. And you also said that your CDP
23   application is in with the County right now, and I would
24   pose to you that that's part of your application, is
25   when you're going to operate this and whether or not

1   it's going to be in a stage 1, stage 2, stage 3 or just
2   if there's no drought. So my question is, what's on the
3   application that's going to the County?
4   MR. GRESENS: The application -- again we filed our
5   standard forms on that. I'd have to ask County to cover
6   that point. I don't think it's in the application, in
7   my recollection.
8   MR. JORDAN: So a lack of specificity would mean
9   that it doesn't just apply to a drought period,
10   probably, right? It's just an application to operate.
11   MR. GRESENS: I'm sorry, could you repeat your
12   question?
13   MR. JORDAN: A lack of specificity to a time when
14   there's a stage of a drought would then default to it's
15   just an application to operate at any time. Does that
16   make sense?
17   MR. GRESENS: I understand what you are saying. I
18   don't know what the outcome of this process is going to
19   be. I think we have to have a number of follow-up
20   discussions with the County to go over this exact point
21   to make sure that it's clear to everybody, what we're
22   after.
23   MR. JORDAN: I don't think it's a number, I think
24   it's just look at the piece of paper that you filed and
25   make a determination. But, okay, thank you.

1   Thank you, Mr. Chair.
2   BOARD CHAIR: Thank you.
3   A couple of quick questions from me. The first one
4   is the 60 days of migration of water. Is that a period
5   that was determined by the Division of Water Quality
6   within the State Water Board?
7   MR. GRESENS: That is in the regulation. I believe
8   you'll probably hear more about that when the Title 22
9   follow-up presentation is made.
10   BOARD CHAIR: Okay. Then the other question that I
11   had was what's the 50-year annual rainfall average in
12   Cambria? And then my other question was going to be
13   what has it been in the last three years.
14   MR. GRESENS: The average rainfall, and I don't
15   know, but the number that comes to my head is about 20
16   inches in Cambria, and we had a little over 10 inches
17   this last year.
18   BOARD CHAIR: Then my next question, perhaps, is an
19   item that Mr. Harris could answer or ask staff. When
20   the questions were made by some of my fellow Board
21   members relating to the drift of the brine, isn't this
22   outside of the purview of our regulatory framework?
23   MR. HARRIS: Let's hold that until the Title 27
24   presentation.
25   BOARD CHAIR: Okay, you'll answer it at that time.

1 That way I won't have to remember.
2   MR. HARRIS: Yes.
3   MS. OKUN: I can just tell you that the Board's
4 jurisdiction does allow you to regulate nuisances that
5 are associated with the discharge of waste, so if the
6 brine drift would cause a nuisance, then that's
7 something the Board has authority to regulate.
8   BOARD CHAIR: Okay, I appreciate that
9 clarification, Counsel. Thank you.
10   Then the new extraction under this emergency
11 program, has it been reviewed if it could inadvertently
12 exacerbate the seawater intrusion?
13   MR. GRESENS: Would you repeat the question,
14 please?
15   BOARD CHAIR: Yes. With your new emergency
16 extraction program with these wells SS-1, -2 and -3, the
17 program that you have, as you're pumping now more water
18 out of the aquifer, in your model you have done an
19 evaluation to see if there was any unintended
20 consequence of seawater intrusion. You know, water
21 moves in different direction. I know you showed us,
22 actually, some arrows, just like this one where you have
23 a migration toward these wells. So have you had a study
24 to assure that you did not exacerbate seawater
25 intrusion?

1   MR. GRESENS: Well, our opinion is it's going to
2 improve the situation as opposed to exacerbate it.
3 We're doing that by injecting water into that well, plus
4 we also have a design feature that puts 100 gallons a
5 minute of water into the head of the lagoon, so that
6 combination, we believe, is an improvement over the
7 existing situation.
8   BOARD CHAIR: So you stated it's an opinion, but I
9 mean from an engineering and scientific standpoint, do
10 you have any sentinel wells closer to the ocean to
11 actually monitor seawater?
12   MR. GRESENS: There is a well on the campground, by
13 the bridge. It's the RR-3 well, I believe.
14   BOARD CHAIR: Can you point me to where it is on
15 that map?
16   MR. GRESENS: There's a well on this far-right
17 illustration that's right about here in the campground
18 site. We've used that in some of our studies. We don't
19 own that well, it's a USGS well that's on the campground
20 site. We had to get special permission to access it,
21 but that was part of our earlier study this last spring
22 period.
23   BOARD CHAIR: But as part of your -- I'll call it a
24 protocol for lack of a better word -- using this
25 emergency RO system, do you have a seawater intrusion

1 monitoring program using that well or other means to
2 make sure that, you know, your assumptions are indeed
3 correct?
4   MR. GRESENS: We measure wells every two weeks as
5 far as our levels go. I would say the closest well with
6 our current operation has been near the campground
7 pedestrian bridge and that -- I can point out where
8 that's at. That's a well that's right about here, which
9 is our 16D1 well. That's the closest well we monitor on
10 a regular basis that would indicate any seawater
11 intrusion at that point. We don't normally monitor the
12 8R3 well because it's on the campground and it wasn't
13 our well, but that has been tested as part of the work
14 that went into the development of this project.
15   We can certainly monitor whichever wells to make
16 sure we're monitoring for the saltwater intrusion if the
17 Regional Board thinks we need to expand what we're doing
18 right now.
19   BOARD CHAIR: Mr. Harris?
20   MR. HARRIS: I wanted to make sure that the
21 consultants mentioned they did some fairly sophisticated
22 modeling of the San Simeon Aquifer. Did that take into
23 account seawater, movement of seawater?
24   MR. GRESENS: I'm going to let Mari Garza-Bird
25 address this, because you're right, we did extensive

1 modeling.
2   MS. GARZA-BIRD: These charts we showed you, this
3 is a result of the modeling we did of the San Simeon
4 Basin. And so currently, what happens in a normal
5 year -- this is what is happening with the basin and you
6 don't have saltwater intrusion and the percolation ponds
7 are actually a benefit to help prevent that.
8   If the emergency project were not to happen and the
9 drought were to continue, you would start to see
10 saltwater intrusion and the percolation ponds flow
11 backwards towards the current potable water supply wells
12 eventually. That's what the results of the
13 hydrogeologic model showed. This chart here shows that
14 with the emergency project, it protects that basin and
15 provides a hydraulic gradient that keeps everything
16 operating as it does in a normal year.
17   BOARD CHAIR: So I guess lastly, not to dwell on
18 this item, but, you know, there's sometimes a difference
19 between a hydrological model and reality. So what my
20 question is ultimately, do you have in your protocol, in
21 your plan of operation a written specific mechanism to
22 monitor seawater intrusion in some of these other wells
23 that you have pointed out, the campground well and the
24 well which is -- the other well closer to the ocean
25 which I assume you have access to this data.

13 (Pages 49 to 52)

MS. GARZA-BIRD: If it's not currently, today, written in the operations plan that we did have to submit as part of the monitoring plan -- oh, I'm informed it is in the plan, yes, it is in there.

BOARD CHAIR: All right. Thank you very much. Mr. Delgado?

MR. DELGADO: I'm concerned about the issue that you've been discussing. So in my crude analysis, not being a hydrologist, you have a basin that currently you're drawing from for your community needs. So all the water that you're reinjecting was already water that's in the system, it's not coming from outside, so I'm most concerned about the 9P7 well, which is your source well that you'll be extracting from, and that's the closest well to the ocean, right?

MR. GRESENS: Out of the production wells, yes, that's the closest.

MR. DELGADO: So my crude concern is that you're drawing from your well that's closest to the ocean and, as we've been discussing, you know, does that have any cone of depression, does that have any impact? Because you're increasing what you're pulling out of that well during this emergency project as opposed to status quo, is that correct?

MR. GRESENS: That's correct.

MR. DELGADO: I'm just concerned from a crude perspective, does that have an impact on seawater intrusion? And I've heard that your thoughts are that it doesn't, and so my question is, do you have any documentation? I mean, what engineering study do you base that on?

MR. GRESENS: We do have our geo-hydrologist here from CDM Smith who did write the report that was used for the modeling of this system, so if we want to entertain the thoughts of having one of our experts address that question, we can.

MS. GARZA-BIRD: Yes, would you like to hear from him?

BOARD CHAIR: Yes. Why don't we do that. That way it will answer Mayor Delgado's question and it will supplement the question that I had.

MR. YOUNG: My last question, the last one I had, is involving this particular issue. Where is well 9P7 on this diagram?

MR. GRESENS: 9P7, in a cross section, would be right about here.

MS. GARZA-BIRD: No, show him on the flat map.

MR. GRESENS: Right about here.

MS. OKUN: And for the record, you're pointing to the line below percolation pond.

MR. GRESENS: Yes.

MR. HARRIS: So what this shows is it's not atypical of -- it's almost a saltwater barrier system that's commonly used, especially in Southern California, where you inject -- in fact, they are currently -- the Los Angeles Regional Board recently has permitted, because they were using potable water and then the drought came along and they recently permitted the use of large amounts of recycled water, just like this, to inject into saltwater barrier wells where they were using potable water before, so this is kind of a similar approach.

And, you know, when you run a system like this, you will -- you know, the inputs and the outputs are the same so the way the hydrology eventually will work with no other inputs, it's going to reach a steady state where everything sort of stabilizes. So I would assume that the water going in will build a mound and the extraction, what they pull out, will look just like they've said, they are going to put a mound in, and that the seawater intrusion will only, even if you do have seawater intrusion, it's only going to come in to a certain point and it should stabilize if everything else is constant.

BOARD CHAIR: Thank you, Mr. Harris.

And you know I think because this item is really foundational, I really would appreciate if perhaps we could indulge of having your consultant give us just a very brief explanation to supplement what has been discussed before. Thank you very much.

MR. SMITH: Michael Smith, with CDM Smith, and was responsible for the hydrologic evaluations at the site.

One of the key concepts of this is to, like you were saying, look at the overall water balance in the system. Under current operations, the wastewater, treated wastewaters are percolated into the percolation pond. That, then, largely flows out to the ocean as subsurface inflow, subsurface outflow. The aquifer extends out beyond the shoreline of the ocean right now. When sea levels were lower, the aquifer extends down to an elevation of approximately 120 feet below sea level so we have a permeable aquifer that extends out at depth.

Now, the monitoring that's been done out there, Bob mentioned 8R3, which is the well that's located at the bridge, highway bridge down by the campground. That well monitors the zone right at the base of the alluvial aquifer which is the basin aquifer that's being produced. We have a TDS of approximately 5,000 milligrams per liter. For reference, the TDS in the

14 (Pages 53 to 56)

1 ocean is about 35,000 milligrams per liter.
2   The next set of monitoring wells that we have
3 completed at the base by aquifer is a well nest that was
4 put in by USGS in their studies in the late '80s, which
5 is located along where the pedestrian bridge crosses
6 over San Simeon Creek. The TDS at that location is
7 approximately 1,300 milligrams per liter. As you move
8 into the basin, then the TDS drops down. The TDS is
9 typically about 450 milligrams per liter in the aquifer
10 as you move back up towards the well field.
11   Now, during operations of the system under the
12 emergency, we had as Bob indicated, a near balance when
13 we consider all of the outflows and inflows into the
14 system. For example, the percolation pond will continue
15 to infiltrate approximately 350 gallons a minute, plus
16 the approximately 55 gallons a minute of backwash water
17 that is used to keep the micro-filtration system
18 backwashed, so approximately 400 GPM is going back into
19 the percolation ponds.
20   We're pumping a little over 600 GPM from well 9P7
21 and of that, 400 GPM is going back up to injection at
22 RIW-1, which is the new injection well that builds the
23 mound that is shown here. That's really the primary
24 protection for the alluvial well field, is to build that
25 fresh water mound of low-TDS water, the highly treated

1 water, part of which will continue to flow
2 down-gradient. Approximately 40 percent of that water
3 will flow in the down-gradient direction and ultimately
4 be recirculated at well 9P7. The 60 percent will flow
5 in what is currently the up-gradient direction in
6 response to building a mound at the injection well and
7 developing drawdown at the pumping well so that we have
8 a gradient going off both directions. It's similar to
9 the earlier comment where this really serves as a fresh
10 water barrier to the movement of saltwater in towards
11 the well field.
12   BOARD CHAIR: Thank you.
13   MR. JOHNSTON: I'm trying to make sure I've got my
14 numbers straight here. You're saying there's 400
15 gallons a minute going into the percolation pond and
16 percolating down.
17   MR. SMITH: Correct.
18   MR. JOHNSTON: And 600 gallons a minute getting
19 pumped from the well under the percolation pond?
20   MR. SMITH: Correct.
21   MR. JOHNSTON: So I'm assuming -- and then you're
22 creating a barrier up-gradient from the percolation
23 pond?
24   MR. SMITH: That's correct, and there will be
25 backflow of approximately 40 percent, or about 160

1 gallons, ultimately, will make it from that recharge
2 well back down to 9P7.
3   MR. JOHNSTON: So, then, you're pulling 40 gallons
4 in your model from down-gradient from the percolation
5 pond?
6   MR. SMITH: Either down-gradient or as long as
7 there are still basin inflows, because there is a fairly
8 large alluvial basin that continues in the up-gradient
9 area, and so long as there is water still flowing down,
10 that would provide part of it. The rest of it, as you
11 say, would come from backflow in that down-gradient way,
12 and that's one of the things we were modeling.
13   Now, in addition, the 100 gallons a minute of
14 mitigation water that goes to the lagoon, a large part
15 of that will percolate into the aquifer and so you can
16 kind of think of it, we're also building a secondary
17 barrier in the process of maintaining water levels in
18 the lagoon. Because we are maintaining those water
19 levels, you'll have seepage of that fresh water, you
20 know, this that's being pumped and goes through the
21 micro-filtration into that lower portion of the aquifer
22 that will help maintain that.
23   Now, there's another factor that plays into this
24 protectedness from seawater intrusion. The aquifer
25 materials that are present in that lower part of the

1 basin, based on the boring logs that we have out there,
2 shows that in the area seaward of where Van Gordon Creek
3 comes into the system, which is basically coming down
4 here, as you move towards the west from that drainage,
5 the upper portion of the aquifer has much more
6 fine-grain material which drops the permeability of that
7 material. So you can think of it not only do we have a
8 hydraulic barriers, but we also have a contrast in
9 hydraulic characteristics that limit that flow inward.
10   MR. JOHNSTON: But wouldn't the upper portion of
11 the aquifer, having that fine-grain material, also limit
12 the ability of the water to percolate down from the
13 lagoon, that 100 gallons a minute you're putting into
14 the lagoon that you're counting as part of what is
15 blocking -- is recharging, so you're not sucking
16 seawater up?
17   MR. SMITH: Right. There are limitations, but in
18 addition to the lower permeability, and this is one of
19 the reasons that we used it as a design to come up with
20 that 100 gallons a minute is we have an organic layer
21 that's developed within the lagoon. It's kind of a very
22 quiet environment, we have had a lot of organic material
23 and fines that have been deposited in the lagoon, and
24 some of the detailed monitoring that we did earlier this
25 spring, we were able to quantify those leakage

15 (Pages 57 to 60)

1 quantities. But in answer to your question, yes, that
2 will limit the amount of water that infiltrates and
3 that's why the 100 GPM is sufficient to maintain that.
4   But also, even if a low permeability, you know,
5 it's spread out over a fairly large area and so you can
6 have that amount of leakage. Because of the density
7 contrast between seawater and fresh water, we tend to
8 develop the seawater as kind of a wedge that comes in
9 with fresh water floating on top of it. You can kind of
10 think of it that way because of the lower density of the
11 fresh water in the system.
12   Now, the other thing that we know is because of the
13 monitoring that we've done out there at our 8R3, we know
14 that we are well below the concentrations in seawater,
15 and that's because we had a net discharge currently
16 going out of subsurface flow which has tended to keep
17 that saltwater wedge further offshore and we're just
18 seeing the beginnings of it right at the shoreline.
19   MR. JOHNSTON: Thank you.
20   BOARD CHAIR: If we don't have any further
21 questions, I'd like to thank you very much for your
22 clarification. I think it was helpful to all of us.
23   And I would like to have a 15-minute break which
24 will give us time for staff to prepare for their
25 presentations. So thank you very much.

1   (A short recess was taken)
2   BOARD CHAIR: Folks, please take a seat.
3   So we will reconvene after our recess, and
4 Mr. Harris, if you could introduce the staff
5 presentations.
6   MR. HARRIS: The next one we're going to have is
7 from the Division of Drinking Water, Mr. Kurt Souza.
8   MR. SOUZA: Hello, my name is Kurt Souza. I'm the
9 acting Southern California branch chief of the Division
10 of Drinking Water. To my right is Jeff Densmore. He's
11 the district engineer for the Santa Barbara District,
12 which Cambria is located in.
13   The Division of Drinking Water's main
14 responsibilities are to regulate public water systems.
15 We hold the water supply permit for all of water systems
16 in California. We also set standards for wastewater
17 reuse to protect public health, so our charge is the
18 protection of public health in recycled water projects.
19 The regulations are located in Title 22 of the
20 California Code of Regulations.
21   Since this project is using a well near the
22 percolation pond, a portion of the water that will be
23 drawn from the pond will be -- I'm sorry, drawn from the
24 extraction well will be recycled water and needs to
25 comply with our Title 22 groundwater recharge

1 regulations. Our groundwater recharge regulations were
2 adopted in June 2014.
3   The Regional Board, obviously, has the permitting
4 authority and the ongoing oversight. The Division
5 reviews and comments on the project and we provide
6 requirements to be incorporated into the permit based on
7 the Title 22 engineering report that was submitted by
8 the District and also our adopted regulations. We've
9 been meeting weekly for the past, I think, five or six
10 weeks with the Board going over different areas of this
11 project.
12   The main principles of our groundwater recharge
13 regulations is to replenish a groundwater basin that
14 uses drinking water with highly treated recycled water.
15 Our regulations are based upon a load-tolerable risk of
16 one in 10,000. That's the same risk that is done in our
17 surface water treatment rule and a lot of our MCOs. The
18 water that is injected and then eventually extracted,
19 passing all drinking water standards. There's also an
20 unregulated chemical control feature of our regulations,
21 and they have to include a multi-barrier treatment which
22 includes -- it has to include, for injection, reverse
23 osmosis and advanced oxidation, which in this case is
24 UV-hydrogen peroxide. The multi-barriers -- each of the
25 multi-barriers are added up to gain the full pathogen

1 reduction.
2   The pathogen control's intent is to ensure that
3 pathogens will not exceed a tolerable risk level which
4 is 10-4 annual dose. The reduction required from raw
5 sewage to usable groundwater is 12-log reduction of
6 virus and 10-log Giardia and Cryptosporidium. That's
7 the main standard in our regulation.
8   Another part of the regulation is called the
9 response and retention time. The intent is that
10 inadequately treated recycled water does not enter the
11 potable water system, so if there's some kind of
12 treatment plant upset or some kind of sewer-shed upset
13 where somebody dumps something in the sewer that is
14 unintended, that it can be captured and something can be
15 done about it. Over the years we have evaluated proper
16 retention time and determined that a minimum of two
17 months is required. So between the recharge and
18 extraction of the water, you must have a minimum of two
19 months, and that's to identify any treatment failures,
20 to respond, to provide alternative sources if necessary
21 or treatment at the wellhead, if necessary.
22   Also in the retention time, the retention time is
23 also a natural barrier. There is a one-log of virus
24 reduction, or die-off, in the ground each month that the
25 water stays in the ground. The verified retention time

16 (Pages 61 to 64)

has to be done with a tracer study. Since this
retention time under the ground was fairly close, the
injection and extraction wells are fairly close and
we're in a drought, the water is moving very quickly.
We asked Cambria to do the tracer study prior to the
plant being turned on. It is not required in our reg to
be done prior. It's actually required to be done within
90 days after the plant has started, but in this case we
asked them to do it before, which they did, they
completed it at the end of September 2014. The
worst-case operation condition was 58 days, as was shown
by the District earlier.

What Cambria has done, their consultants have
recalibrated the model that they used to the data they
obtained during the tracer study evaluation, re-ran the
model for three different conditions and determined the
operating condition that can ensure the two months of
retention. We evaluated the tracer study and we
actually submitted a letter November 12th concerning
that.

The Drinking Water -- the Division of Drinking
Water also appreciates assistance of the groundwater
monitoring assessment section of the State Board. We
ask them, their geologist to help us with the evaluation
of the tracer study and our recommendations, and they

concurred with us.

The new operating conditions within our letter is a
maximum of 400 gallons per minute injected and a maximum
of 400 gallons per minute extracted. Under current
conditions, using one well or the other well, well 2 or
well 1, neither one can pump 400 gallons a minute right
now, but the model did show that they could meet at the
maximum, so that's what we put in our letter. We are
also requiring an additional tracer study after the
plant goes online within 90 days of the first injection
of water to start the tracer, as required by our rule.

Another key element of the project is what we call
the operation maintenance and monitoring plan. It
includes specific operation and monitoring of the
facility within the permit. In the Board permit, it
requires the utility to operate the facility based upon
the operation maintenance and monitoring plan. It will
limit the amount of water injected and extracted within
the plan. It will require monthly and quarterly
reporting, and it includes start-up procedures and
start-up sampling, and the division of Division of
Drinking Water Regional Board received the initial plan
October 30th. We both sent comments, and a revised plan
was sent to us last night, which we will continue to
review.

In conclusion, the Division of Drinking Water, we
provided a letter to the Regional Board September 9,
2014 based upon the information in the Title 22
engineering report that was submitted to us. We
provided recommendations within the letter to the
Regional Board which are contained in the permit. The
tracer study letter was completed in November 12. We're
continuing to review and comment on the OMMP and the
division of Division of Drinking Water supports the
approval of the permit.

That's all I have. Thank you.

BOARD CHAIR: Thank you. Before we take questions
from my colleagues, I want to reiterate our welcome as
being a new family member of the State Water Board, the
Drinking Water Division. I think it's great now to be
able to have -- for example, this is a very good case
where you can come and help us more directly deal with
these issues, so thank you for being here today.

On my left --

MR. YOUNG: No questions.

BOARD CHAIR: On my right? No questions.

So we thank you very much. There was a few words
in there I have no idea what they are. They are about
12 letters long. I'm just being facetious.

I think Mayor Delgado has a question.

MR. DELGADO: Yes. The operations maintenance and
monitoring plan, is that the right place or the wrong
place to include seawater intrusion monitoring?

MR. SOUZA: This would be my opinion. It would be
a correct place to put it, mainly because the reason we
put a lot of stuff in the operation maintenance and
monitoring plan is that it's a plan that's approved by
the Board and division kind of co- -- and it can be
changed as needed. So for instance, if we asked for
quarterly monitoring and it's put in the plan and
something starts to happen, the Board can just send them
a letter and ask for monthly monitoring. We do that
with our water systems all the time. That's how we
regulate the operation of treatment facilities.

A lot of the big operations and non-MCO-type
monitoring that we do is located in the operation
maintenance plan so, via letter, we can change it in one
day, and that's why we use that plan, and that's why
we've put that type of plan in our requirements of the
Title 22 engineering report.

MR. DELGADO: Thank you.

BOARD CHAIR: Thank you.

Mr. Jeffries?

MR. JEFFRIES: You support and approve the permit.
Did your agency have any reservations at all?

17 (Pages 65 to 68)

1   MR. SOUZA: Not from a health perspective, no.
2 It's a very conservative construction.
3   MR. JEFFRIES: All right.
4   BOARD CHAIR: All right, thank you very much. We
5 thank you for being here today.
6   Mr. Harris, if you could introduce --
7   MR. HARRIS: The next presentation, Howard Kolb is
8 going to continue the discussion related to the Title 22
9 permit and also the other permit that is covered under
10 Item 20.
11   MR. KOLB: Good morning, Chairman Wolff, members of
12 the Board. My name is Howard Kolb. I'm one of the
13 staff engineers working on the CCSD emergency water
14 supply project.
15   You have been introduced to the overall project and
16 you have heard some specifics regarding the proposed
17 system. Today I would like to present two separate
18 orders for your consideration. The first order
19 regulates injection of treated water into the San Simeon
20 Creek alluvial aquifer. The second proposed order
21 regulates the discharge of membrane filter backwash to
22 the existing percolation pond.
23   This graphic shows the location of the recycled
24 water injection spot, so up there at the top, right
25 here, injection of recycled water.

1   As you've heard, the CCSD plans to pump
2 groundwater. Well 9P7 is located in this clump of
3 trees. You can see the percolation ponds around the
4 clump of trees. There's a berm that protects the wells,
5 and then this is the water treatment plant. You can see
6 that it is a package plant. It came pre-constructed.
7   Treated groundwater, approximately 600,000 to
8 700,000 gallons will be injected up at this well. The
9 first order allows injection of the treated water and
10 places conditions on the injection of that treated
11 water.
12   The second order, if you see this small little
13 purple line coming out, and here you can see the big
14 purple line I drew so you could see what area it is,
15 that is the membrane filter backwash that will be
16 discharged to the percolation ponds. The second order
17 puts appropriate requirements on this discharge. As
18 part of the treatment process water is passed through
19 membrane filters. The first set of filters are cleaned
20 with well water from the same 9P7 and this well water,
21 plus some suspended solids, is referred to as backwash,
22 and that's what is returned to that pond.
23   The backwash should be of similar quality as the
24 source water with a slight increase in suspended solids.
25 I put this one up here because this is the tail end of

1 the plant that you saw on the previous graphic. Here's
2 where they're planning to put the water. This location
3 right there, the bright green, that is the active
4 percolation pond for the Community Services District's
5 wastewater, and then this tree-lined area, that is the
6 riparian corridor of San Simeon Creek.
7   The orders were posted for public review September
8 19th, and some issues were raised. One was the
9 permitting for this project should be conducted only
10 with the full benefit of environmental review. As
11 you've heard, this project is exempt from environmental
12 review because of the Governor's proclamation. The
13 proclamation included directives that suspended
14 environmental review. That said, the order does include
15 monitoring of surface water, groundwater, and San Simeon
16 Creek lagoon to prevent potential water quality impacts
17 and impacts to beneficial uses.
18   Another issue was what are the effects of injecting
19 chemically treated water into this sensitive location.
20 Some parameters like nitrate, sodium and chloride, will
21 be minimally degraded or will minimally degrade
22 groundwaters, and others, like total dissolved solids
23 and sulfate, are of higher quality than the existing
24 groundwater. However, the groundwater will continue to
25 meet water quality standards.

1   The order does contain anti-degradation findings
2 that based on the available information and monitoring
3 data, any change in the existing high quality of
4 groundwater basin as a result of the groundwater
5 recharge allowed by this order will be consistent with
6 the maximum benefit to the people of this state. It
7 will not unreasonably affect beneficial uses and will
8 not cause the exceedance of applicable water quality
9 standards for the basin.
10   A number of commenters also expressed concern
11 regarding surface water quality and impacts to the creek
12 associated with the project. As you've already heard,
13 there is a proposed discharge to the creek. That's over
14 there, this line coming down to maintain creek water
15 levels. The water proposed for discharge to the creek
16 will be of better quality than what is currently in the
17 creek. It will have lower nitrate, lower sodium and
18 lower chloride and lower TDS, total dissolved solids.
19   The advanced water treatment plant will actually
20 have the potential to reduce loads in the lower
21 watershed through pumping, running it through the
22 reverse osmosis and then sending those salts and
23 nitrates to the surface impoundment.
24   Outside of these orders, the Community Services
25 District, in response to Water Board enforcement, is

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developing an enhanced compliance action project aimed
at reducing nitrate in the wastewater effluent so they
are currently preparing a plan to introduce nitrogen
treatment at their wastewater treatment plant which will
lower nitrogen and effluent prior to discharge in the
percolation pond.

San Simeon Creek, we are also developing a TMDL to
address listings for nitrate, sodium and dissolved
oxygen. The TMDL will clearly describe water quality
issues, sources of nitrates, sodium and chloride and
actions necessary to protect water quality and
associated beneficial uses. That TMDL should be before
the Board next spring.

There are a few outstanding issues. You've already
heard about the OMMP. These two items, the treatment
start-up plan and the lagoon mitigation plan, are
contained within that OMMP. We did receive a copy of
that OMMP October 30th. We did comment on that. The
revised OMMP was delivered at 10:00 o'clock last night
and I apologize, I haven't had time to review it yet.

This slide may be a little bit old because I
understand there's some additional contributions, but we
do have two supplemental sheets to the order. One is an
update of Table 3. It's just a more complete table that
should have been in the order to begin with, we have

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supplemental sheet 2, which is updated CEQA findings,
and then there's a typo in item 4 -- or finding 46 that
should be "19" instead of "9," just so we're consistent
through that paragraph.

Staff's recommendation is that adopt the two orders
as proposed.

Any questions?

BOARD CHAIR: I'll start on my right this time.
Mr. Johnston or Mr. Jordan?

MR. JORDAN: I just want to get a sense of where
staff was on that phrase that I'm going to paraphrase
badly, but it was something like "consistent with the
maximum benefit to the people of the state of
California." In the kind of sliding scale on there's a
drought condition, if you took the same project and just
took the equivalent of the drought out of it, if it was
the same project, just came to you as a project to
develop more drinking water, offer a buffer against
seawater intrusion and you didn't have the environmental
review exemptions to deal with the drought proclamation,
would staff's recommendation still fall clearly within
that phrase of "consistent with the maximum benefit to
the people of the state of California"? Let me tell you
why I'm asking this question. There are several
responses to comments and there will be known

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degradation to the groundwater, but not to the level
that it will go past and into -- that it won't degrade
the water quality past acceptable levels because,
obviously, the water is better than acceptable levels,
but it will degrade it.

So if a new project came to you to develop
additional drinking water and it was going to offer
known degradation impacts to the groundwater but would
not push those below allowable levels, would staff still
support the project?

MR. KOLB: That's a complex question.

MR. JORDAN: It's already a complex finding you're
willing to make, so --

MR. KOLB: If you look at it in a vacuum, yes, I
would still make the same recommendation because we're
being protective of the beneficial uses, we're being
protective of water quality, we're meeting water quality
objectives, and the way the project has been currently
proposed it's for drought conditions. In a report I
read, it's estimated that they are going to run it eight
to 10 out of the next 20 years, so the intent or at
least the way we've been interpreting it up to this
point is that it would not be running 24/7, as I think
there was a question. So under those conditions, yes, I
would still recommend.

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MR. JORDAN: Okay, thank you.

Thank you, Mr. Chair.

BOARD CHAIR: Mr. Johnston?

MR. JOHNSTON: So I want to address myself briefly
to the discharge of the membrane filtrate to the creek
to maintain lagoon levels. Now, as I understand it, I
think I've got this right, the -- there's some
contaminants of emerging concern, pharmaceuticals and
such, that are taken out or don't make it through the
membrane filtration and are taken out in the RO filter,
is that correct?

MR. KOLB: That is my understanding, yes.

MR. JOHNSTON: So do we have any concern with
essentially what you're doing is you're taking the water
pumped out of the well under the percolation ponds,
you're filtering it through the membrane filter to
remove, actually, lots of stuff, including developed
solids but not the additional salts that have to do with
it being somewhat brackish water and with part of the
source being the effluent and some of those contaminants
that are of emerging concern that have to do with a lot
of the source water being the percolated effluent and
putting it in the lagoon, is that a concern?

MR. KOLB: It is a concern, but let me clarify that
the order before you today does not authorize that

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discharge. That discharge will be handled under separate NPDS permit and they are in the process of completing that application.

MR. JOHNSTON: Wait a minute. I thought the order before us today authorized the discharge of the water that passed through the memo filter, not the backwash, but the filtrate.

MR. KOLB: Yeah, the membrane filtrate to the creek is not covered under this order, that is covered under a separate NPDS, and that is not before you today.

MR. JOHNSTON: Aren't they going to have to have that to operate the plant?

MR. KOLB: You're talking about this discharge right here, the one that goes to the creek?

MR. JOHNSTON: Correct.

MR. KOLB: They do not have to operate that in order to operate the plant.

MR. JOHNSTON: Okay, because there's been much discussion in the materials that we have before us about how they are going to avoid impact to the lagoon by operating that. So that's not part of any of the permits we're looking at?

MR. KOLB: Not today. They are still in the process of complying with -- they submitted an application, Sheila Soderberg, of our staff, responded

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to the application and they are preparing some additional information.

MR. HARRIS: If I can comment, remember, this is an emergency situation based on drought. We're not doing business as normal. These permits have been developed at the same time they've been doing design and build. As Mr. Kolb said, they can operate the facility without that discharge, and to address the critical water shortage we are on board in terms of allowing that to occur while they finish -- everybody has had more to do than they could possibly do at this point and our concern was getting the plant up and running and getting the community water supply stabilized, so this is an emergency measure and I'll let Sheila continue, but we'll address that. You know, that will be one of our next steps.

MR. KOLB: And before Sheila gives you some information, the permits before you today are to regulate the backwash to the percolation pond and the injection of highly treated water into the alluvial aquifer.

This discharge to the creek will be handled under separate NPDS permit and the discharge to the surface impoundment is handled under a separate permit.

MR. JOHNSTON: That one is before us today.

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MR. KOLB: Yes, sir.

MS. SODERBERG: My name is Sheila Soderberg. I'm the NPDS manager, and back on September 17, the District submitted an application to obtain coverage under a low-threat general permit that the Board originally adopted back in 2011. Staff reviewed their application and we actually sent a response letter back to the District on October 3rd. There's about seven to eight items that are not included as part of the application that needed to be clarified, supply us with some additional information, so we are waiting for that new material to be submitted.

Our initial review, and you might note that this is all based on modeled data, the initial review of the data that's modeled will meet the conditions of the low-threat permit. However, we, as part of the low-threat permit enrollment, we typically modify the monitoring and reporting program that's part of the general permit and we tailor it specifically to the type of discharge that it pertains to. For example, a water system discharge would have different monitoring than, say, a cooling tower-type discharge. So we would then tailor the monitoring and reporting program to meet the conditions of this particular project.

As part of that, because these discharges, there's

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a start-up time frame, there's start-up monitoring that can be daily, some measurements as frequently as daily, some measurements are weekly, and then monthly, and then after they've established, basically, a record, if you will, that demonstrates that the actual water quality will meet the conditions of the low-threat permit, the monitoring reduction -- monitoring frequency is then reduced. So that is a component.

Like I say, at this point we're waiting for that information to come back to us to be able to finalize our review for that particular permit. Also, because the Board had adopted that permit back in 2011, it gives the executive officer the ability to review and approve that discharge. Of course, that's mainly based -- the discharge has to meet the conditions of the low-threat permit.

MR. JOHNSTON: So it doesn't necessarily come back before us, since it's a low-threat permit.

Talk to me about contaminants of emergency concern since this is, at least in part, composed of percolated treated effluent.

MS. SODERBERG: Yes, and actually part of the permit right now, a priority pollutant list is part of the required monitoring that the District will have to submit the lab results, that in terms of emergency

1   contaminants, I believe -- and this goes back to my time
2   before I was dealing with the wastewater world -- that
3   all the wastewater treatment plants at some point in
4   time will be required to monitor for emerging
5   contaminants.
6   Harvey Packard is here and he might remember
7   exactly when, but I seem to recall that was done in,
8   maybe, 2009, somewhere around the time NTB came about.
9   You might have heard about that with some of the gas
10   station issues about that time frame, that concern about
11   emerging contaminants came out and I know all wastewater
12   treatment plants were required to analyze for those
13   constituents that were known at that time.
14   So we actually could go back to look at that data
15   and see if we can find that in our records, but
16   primarily that would be whatever that would be -- would
17   have passed from the wastewater treatment plant that
18   would be in the percolation ponds. That does not
19   necessarily reflect what would be coming out of that
20   extracted well because that extraction well is actually,
21   even though it's in the center of the ponds, it's going
22   to be commingling of the percolated pond water that is
23   infiltrated as well as the native groundwater that is in
24   the aquifer system. So if anything, it would actually
25   be less than what you would expect, or lower

1   concentrations than what you would actually expect to
2   find in the actual wastewater.
3   MR. JOHNSTON: I'm sure it would be, although the
4   the difference, I suppose, is the wastewater is being
5   percolated into an aquifer going into the ocean, and
6   this membrane filtrate is being pumped in to the lagoon.
7   MR. HARRIS: I think we need to correct something.
8   It's not the membrane filtrate -- it is the post-filter
9   water, it's not --
10   MS. SODERBERG: It's the post-filter water.
11   MR. HARRIS: One of the things we had talked about
12   doing is, depending on what that actually produces, if
13   there was a concern with the particular concentration,
14   they can add back water post-RO treatment into it to
15   dilute the concentration so that they are acceptable.
16   That is an option.
17   MR. JOHNSTON: My main concern is our -- and I
18   understand it's not necessarily coming back before the
19   Board because it's a low-threat MPDS permit and we've
20   delegated authority on that to the executive officer.
21   My question is, is that discharge going to be monitored
22   for those contaminants of emerging concern?
23   MS. SODERBERG: Typically it's not standard but if
24   the Board does desire that as a condition of the --
25   MR. HARRIS: There is initial monitoring. She said

1   this is -- I thought we were going to ask for initial
2   monitoring to confirm the model results.
3   MS. SODERBERG: Yes, we're asking for initial
4   monitoring before they even discharge.
5   MR. PACKARD: Right. This is Harvey Packard. The
6   conundrum we have is there are no water quality
7   objectives or standards for many of these chemicals so
8   we have no legal authority or basis for some of them to
9   have effluent limitations. The low-threat permit
10   requires that the discharge meet all water quality
11   standards. Some of these chemicals aren't in the
12   standards.
13   MR. HARRIS: He's correct. A couple years ago,
14   perhaps longer than that, four years, the State Board
15   convened a blue-ribbon expert panel to look at
16   contaminants of emerging concern, and there were only
17   like three that they proposed. One was caffeine, and I
18   don't recall the others, but the others -- one was the
19   antibacterial agent that you find in handwashing, but
20   there was not an extensive list. That's still an area
21   of ongoing research and debate.
22   MR. JOHNSTON: I thought caffeine was a nutrient.
23   MS. SODERBERG: Depends on your perspective.
24   BOARD CHAIR: Did you have any exceedance of
25   caffeine this morning, Mr. Johnston?

1   Dr. Hunter? Mr. Jeffries?
2   MR. JEFFRIES: Thank you, Mr. Chairman. I do have
3   one question. I think I know the answer.
4   Anywhere in your orders, Howard, do you address any
5   kind of monitoring well for seawater intrusion?
6   MR. KOLB: There's not a specific well that says
7   monitor to this for seawater intrusion, but well 16D1,
8   which is located right down here (indicating), well 9P7,
9   which is right here (indicating), their reinjection and
10   their water supply wells, we have been monitoring them
11   all for total dissolved solids, so we'll be able to see.
12   And then the treatment plant, the advanced
13   treatment plant which is right here, will be monitoring
14   continuously for conductivity as well as doing TDS
15   analysis on a weekly basis, and the modeling actually
16   showed that TDS will go from about 400 or 500 up to 750
17   during the first year of operation, so there will be
18   some increase in TDS, and we are trying to keep an eye
19   on them.
20   MR. JEFFRIES: I realize this is an emergency order
21   and this is not normally the way we operate. It's
22   basically we're putting the cart before the horse, but I
23   think my job is to make sure that these folks in Cambria
24   have drinking water. I think my job is to make sure
25   that they have good quality water to drink and not to

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1 run out. And since it's an emergency order, I can see
2 why we're doing some things that we do, because normally
3 we would have all these environmental documents and so
4 forth beforehand that would spell out all these things
5 that we're asking for that we normally see.
6 So I'm a little concerned that we don't resolve one
7 issue and then create another one, like having seawater
8 intrusion, but I did hear that there's an equalization
9 because they are only extracting the same amount that
10 they are taking out, so it should be some balance that
11 shouldn't cause any seawater intrusion to come in. Is
12 that a correct analysis?
13 MR. KOLB: I don't want to paraphrase for Mike
14 Smith, but I'll do my best.
15 It appears that there's going to be a net loss of
16 about 100,000 gallons a day, but the mound created by
17 the recharge well will prevent saltwater intrusion
18 happening up to those wells, and then the introduction
19 of 144,000 gallons a day into the lagoon should create
20 sort of a secondary barrier, slowing saltwater intrusion
21 back in, but again we are monitoring the wells, and the
22 proposal was for a million gallons a day to be pumped.
23 With the new tracer study and information, I believe
24 they are proposing about 820,000 gallons to start, so it
25 will be 82 percent of what they originally proposed.

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1 MR. JEFFRIES: Thank you.
2 BOARD CHAIR: Mayor Delgado?
3 MR. DELGADO: Yes, thank you, Howard, great
4 presentation.
5 I don't really have any concerns about seawater
6 intrusion given that the salts are low now and they're
7 going to be monitored and they are expected to stay low
8 and if there was a spike, that would be caught. So I'm
9 good with that.
10 And just thinking about fish, is San Simeon Creek a
11 perennial creek?
12 MR. KOLB: No, but the lagoon is perennial.
13 MR. DELGADO: So today if I were to go to the creek
14 upstream from the lagoon there would not be surface
15 flow?
16 MR. KOLB: Not flow. You might see some ponded
17 water because we just had some rains, but it's dry from
18 essentially from right about here up.
19 MR. DELGADO: Okay. Below that point today it's
20 surface water?
21 MR. KOLB: Surface water starts somewhere right
22 around, curiously, below the infiltration percolation
23 pumps.
24 MR. DELGADO: Are there fish in that stretch?
25 MR. KOLB: Yes.

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1 MR. DELGADO: Would there be any impact positive or
2 negative to the aquatic life, given this project?
3 MR. KOLB: There's always the potential. As part
4 of the OMMP, we've asked for a lagoon mitigation and
5 monitoring plan, and that will include monitoring water
6 level in the creek as well as monitoring water quality
7 that's discharged to the creek, and they will be down
8 there checking it weekly, kind of that's the plan at the
9 moment. I haven't seen the exact proposal because it
10 came in at 10:00 o'clock last night, but our intent is
11 to make sure they keep a tight watch on the lagoon
12 because in addition steelhead there's tidewater growth,
13 the red-legged frog, southwestern pond turtle.
14 MR. DELGADO: So is your overall sense that there
15 would be neutral, a beneficial or a negative impact on
16 the aquatic life?
17 MR. KOLB: I think it will be neutral at this
18 point. It depends on how long they pump and how many
19 seasons of drought we go through.
20 MR. DELGADO: Same questions for the lagoon.
21 MR. KOLB: Yeah.
22 MR. DELGADO: And the answer would be neutral, is
23 your best sense?
24 MR. KOLB: Yes.
25 MR. DELGADO: Thank you.

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1 BOARD CHAIR: Mr. Young?
2 MR. YOUNG: Thank you, Mr. Chair.
3 So what happens if we're in year 3 of a 10-year
4 drought to the operation of this facility? I mean I
5 heard that it can be run for two six-month cycles and
6 then it takes about a year --
7 MR. HARRIS: I can comment on that. The facility
8 doesn't make water, it just recycles water. They have
9 to have inputs of fresh water into the system somehow
10 because I believe what they are getting out of this,
11 because it's not a de-sal plant, they're getting a
12 pretty high return for their investment, so, out of 100
13 gallons, we recover 92 or something like that. But
14 that's eight gallons that is lost to the surface
15 impoundment, and so that process continues. Plus, when
16 you use water, all of us breathe out vapor and there's a
17 loss to the system, so the overall net amount of water
18 will continue to decrease without some sort of input
19 like the recent rains added a little bit of water. So
20 you've got to have some inputs of water into the system.
21 MR. YOUNG: Then I guess my question is, based on
22 the last three years of rainfall that we've had, will
23 this plant be able to take care of our water needs, if
24 we continue with the last three levels of rainfall?
25 MR. HARRIS: I think we probably should defer that

1 to the District and their consultant. I don't know if
2 Howard can answer that or not. I can't.
3   MR. YOUNG: Do rainfall levels have to come up to
4 some level so they get more input into their system?
5   MR. HARRIS: Again, I can't answer the specifics of
6 that. Would you like the District to come up and see if
7 the District can answer that question, or Howard?
8   Howard, can you answer that?
9   MR. KOLB: Would you like me to speculate?
10   MR. HARRIS: No. I think the consultant is going
11 to come up.
12   MR. KOLB: The one thing I can tell you that's
13 already been stated, the surface impoundment is full
14 after about two years under the current design strategy
15 and operation strategy. So the surface impoundment
16 would be an impediment to continued operation of the
17 plant. I think we need a meteorologist, John Lindsay,
18 should answer that question, what's going to happen in
19 the next three or four years.
20   MR. YOUNG: We have predictions from the USGS, 80
21 percent chance of a 10-year drought.
22   BOARD CHAIR: But NOAA projects -- well, I guess I
23 shouldn't get into it.
24   MS. GARZA-BIRD: If we got same amount of rainfall
25 that we've had in the last three years, so continue that

1 same drought, this facility would sustain the community
2 for water, yes, to answer your question.
3   MR. YOUNG: Indefinitely?
4   MS. GARZA-BIRD: Yes.
5   MR. YOUNG: You could survive with the last three
6 years of average rainfall going indefinitely into the
7 future?
8   MS. GARZA-BIRD: Yes.
9   MS. OKUN: And what about without the facility?
10   MS. GARZA-BIRD: Without the facility, if the
11 drought continued, the District right now has less than
12 a six-month inventory of water supply.
13   MR. YOUNG: Howard, I heard something about there
14 will be some degradation of groundwater. Is that from
15 the injection?
16   MR. KOLB: Yes.
17   MR. YOUNG: But it's, obviously, highly treated
18 water.
19   MR. KOLB: Yes.
20   MR. YOUNG: So as to those components that are
21 going to cause a degradation of groundwater, do our
22 anti-degradation rules apply to that?
23   MR. KOLB: Yes, I believe so. You know we've
24 identified --
25   MR. HARRIS: What's the question?

1   MR. YOUNG: There's going to be some degradation?
2   MR. HARRIS: Yes.
3   MR. YOUNG: Do our anti-degradation rules apply to
4 this situation?
5   MS. OKUN: The anti-degradation rules apply to
6 those two orders and also to the order for the Title 27
7 pond. The drought proclamation didn't in any way
8 suspend compliance with any of the water quality
9 requirements, so the Board does have to make findings
10 that the discharges, if they'll be causing degradation,
11 won't cause water quality objective exceedances, that
12 it's to the maximum benefit, that the facility
13 represents the best practicable treatment or control.
14   MR. HARRIS: And there's just a couple of
15 constituents that are going to exceed background levels,
16 not water-quality standards.
17   MR. YOUNG: Which ones are those again?
18   MR. KOLB: For example, nitrate in the current
19 water supply well is less than 1, averages about .8
20 milligrams per liter. The injected water will be about
21 2.3 milligrams per liter nitrate.
22   MR. HARRIS: And drinking water is 10, okay.
23   MR. KOLB: And sodium in the groundwater is around
24 20. Under the current conditions, proposed is 60
25 milligrams per liter.

1   MR. YOUNG: And the numeric standard?
2   MR. KOLB: Sixty-nine.
3   MR. YOUNG: Thank you.
4   BOARD CHAIR: All right. So I would like to have
5 Mr. Harris -- thank you very much for your presentation.
6 I do not have questions. I think my colleagues
7 answered -- had these questions answered that I had in
8 mind, so thank you for a very good presentation.
9   Mr. Harris, will you introduce the next --
10   MR. HARRIS: Next is Ryan Lodge, who will go over
11 the Title 27 permit.
12   MR. LODGE: Good afternoon, members of the Board.
13 I am Ryan Lodge. I'm a water resource control engineer
14 with the Central Coast Water Board land disposal unit,
15 and I'm before you today to present the waste discharge
16 requirements for the Cambria Community Service District
17 class 2 surface impoundment.
18   I think we're all familiar with this diagram. The
19 class 2 surface impoundment will receive brine from the
20 advanced water treatment facility via a double-walled
21 conveyance pipe to the impound here. The surface
22 impoundment is designed and is being installed to meet
23 the California Code of Regulations Title 27
24 requirements. Title 27 requirements cover all class 2
25 surface impoundments in the state of California as well

1   as all the disposal facilities for municipal solid waste
2   facilities.
3   The Cambria impoundment is three acres in size and
4   it will hold a little over 6 million gallons of brine
5   while maintaining the required two feet of freeboard.
6   That's a requirement that's in the order. They also
7   have to maintain enough capacity to handle a year's
8   worth of average rainfall and a thousand-year storm
9   event.
10   The impoundment is lined with impermeable
11   geo-membrane material, it has a leak detection system
12   and also has three groundwater monitoring wells
13   surrounding it. Those are located here, NW-1, -2 and
14   -3. This is a cross section of the liner. There's a
15   primary high-density polyethylene geo-membrane, which is
16   the first liner. There's also a secondary high-density
17   polyethylene geo-membrane under that, and below that is
18   a geo-synthetic clay liner.
19   Underneath the primary liner there's a leachate
20   collection and recovery system which will detect any
21   leaks through the top liner, and then below the
22   secondary liner system there's what we call a beta cell
23   monitoring system which will detect leaks if they occur
24   through the secondary liner. The liner's installed with
25   a third-party construction quality assurance plan and

1   officer onsite. It's this gentleman here. He's
2   independent of the contractor that's installing the
3   liner material and also independent of the company
4   that's installing the impoundment.
5   The construction quality assurance measures ensure
6   that the liner material is installed per the design,
7   approved design and the project specifications, so this
8   white material is the geosynthetic clay liner that's
9   been laid down, and then the black material over here is
10   the high-density polyethylene material.
11   That's our laying out the high-density polyethylene
12   material. They weld all the seams together, and every
13   seam is tested to ensure it's watertight. And that's
14   again what this third-party QC officer is there to do,
15   all the testing. Some of the testing is sent off to the
16   laboratory, some of the testing is done in the field.
17   The District will utilize, as discussed previously,
18   mechanical evaporators to enhance the capacity of the
19   surface impoundment. Those will sit on these concrete
20   pads on this basically the west side of the impoundment.
21   They will blow brine out over the impoundment in an
22   effort to increase the evaporation; the natural
23   evaporation won't allow adequate capacity in the
24   impoundment for them to operate per the two years that
25   they want to operate it.

1   The blowers will be wired to an onsite weather
2   station so that if the wind direction or speed exceeds
3   certain cutoffs, the blowers will not operate in order
4   to ensure that the brine stays within the lined area.
5   The proposed order requires that all brine stay within
6   the impoundment.
7   When the brine approaches the saturation point for
8   total dissolved solids, the District plans to remove the
9   brine as a slurry and haul it to a properly permitted
10   facility. They expect to do that once every 10 years,
11   depending on the usage.
12   We did post the proposed order for 30-day public
13   comment period. We received approximately 390 letters
14   of support for the order and six comment letters with
15   concerns about project impacts. I'm going to go over
16   the comments that were concerns about the impacts.
17   Several of the commenters expressed concerns about
18   wildlife impacts from either birds landing in the
19   impoundment or other animals walking into the
20   impoundment. But as discussed previously, the project
21   is exempt from CEQA. Usually wildlife mitigation
22   measures are placed on projects during the CEQA process
23   and the District will complete the CEQA during the San
24   Luis Obispo County coastal development permit permitting
25   process and the wildlife impact should be addressed at

1   that time.
2   However, the District is evaluating installation of
3   measures to prevent birds from landing within the
4   impoundment, and they're going to install fencing to
5   keep animals from entering the impoundment.
6   Another concern raised in the comments was that the
7   potential human health impacts from brine drift,
8   essentially, outside of the impoundment, but the
9   proposed order requires that all brine stay within the
10   impoundment. As discussed earlier, the mechanical
11   evaporators will be tied to a weather station which
12   should ensure that the brine stays in the impoundment
13   and doesn't blow offsite or outside the lined areas.
14   The proposed order also requires daily impoundment
15   inspections which includes inspection of the blowers to
16   ensure that they're operating properly. There's also
17   fencing to keep the public from entering the property
18   and coming into contact with that.
19   The order also requires that the District conduct a
20   study or an analysis of their assumptions made on the
21   blowers after 90 days of operation to basically verify
22   that their model and their assumptions are consistent
23   with the operation of the blowers and the impoundment.
24   There are also concerns that the brine would become
25   hazardous in the impoundment as it concentrates over

1   time. The District did conduct an analysis that showed
2   that even if the brine dries up to a solid it will not
3   become a hazardous material. The order also, again,
4   prohibits the discharge or the concentration of the
5   material in the impoundment to become hazardous
6   material. If that does occur, they will have to shut
7   the impoundment down and remove the material and haul it
8   to a class 1 facility.
9   Also, they are required to do semi-annual
10   monitoring of the brine, and if the data comes in and we
11   see trends that are coming towards or approaching the
12   hazardous waste levels, then we'll require the District
13   to take action.
14   We had some comments on the concerns about the
15   seismic and geologic conditions, that they don't support
16   siting a surface impoundment at the current location.
17   However, the District has conducted a geotechnical
18   analysis and stability analysis, as required by Title
19   27, and their analysis shows that it meets all the
20   requirements within Title 27 for a class 2 surface
21   impoundment.
22   So with that, I recommend that the Board adopt the
23   proposed order for this Cambria Community Services
24   District class 2 surface impoundment.
25   Are there any questions?

1   BOARD CHAIR: I'll start on my right. Mr. Jordan?
2   MR. JORDAN: Thank you, Mr. Chair.
3   Mr. Lodge, maybe you're the right guy, finally, to
4   ask this question. So is the evaporative brine an
5   actual health issue as it drifts away or is it just an
6   annoyance?
7   MR. LODGE: It should not drift outside of the
8   impoundment.
9   MR. JORDAN: So where does it go? Does it go
10   straight up?
11   MR. LODGE: The District conducted an analysis of
12   the certain droplet size coming out of the blowers, and
13   they have analyzed that will drop even as it dries out.
14   There's a certain amount of evaporation that will occur
15   on the size of the droplet, based on the nozzle size, so
16   it will drop into the impoundment, based on a certain
17   wind direction and speed. So if it exceeds -- if the
18   weather station shows that it exceeds the wind speed, it
19   will shut the blowers off.
20   MR. JORDAN: It's not so much a drifting issue,
21   what they are figuring is it's going to move and drop
22   before -- whatever we're talking about, this thing, this
23   mist is going to move and drop before it leaves the
24   impoundment area.
25   MR. LODGE: Right.

1   MR. JORDAN: So whether it's an annoyance or a
2   health hazard, it will stay there in that impoundment
3   area.
4   MR. LODGE: Correct, and if there's evidence that
5   shows it does not stay within that impoundment, they
6   will have to recalibrate and shut the blowers down
7   initially and figure it out.
8   MR. JORDAN: If it was to leave impoundment, is it
9   a health issue or an annoyance?
10   MR. LODGE: We didn't look at that because it
11   should not leave the impoundment. If it does, then they
12   will have to shut the blowers off.
13   MR. JORDAN: There was a reference somewhere in one
14   of the sets of documents that the Air Quality Control
15   Board was involved but there wasn't any information from
16   them yet.
17   MR. LODGE: I spoke to them on the phone a few
18   weeks back and they were still waiting for information
19   from the District about the blower operations. I'm not
20   sure if some of that may come when they get closer to
21   starting up blowers. I didn't receive any additional
22   information on that.
23   MR. JORDAN: Are you familiar with like type of
24   operations somewhere else that work this way?
25   MR. LODGE: With blowers?

1   MR. JORDAN: With the blowers that pushes
2   evaporation levels but keeps the result of the
3   evaporation within a specific geographic area?
4   MR. LODGE: No, this is the first facility that I
5   have worked on that has that.
6   MR. JORDAN: Thank you.
7   Thank you, Mr. Chair.
8   BOARD CHAIR: Mr. Johnston?
9   MR. JOHNSTON: So I noted a comment in the letter
10   from parks and -- from the California Department of
11   Parks and Recreation that said that the weather station
12   data was coming from a weather station four miles south
13   of the project site. Was that study there or is there
14   going to be a weather station onsite there?
15   MR. LODGE: Yeah, the data they used was from a
16   weather station in the community of Cambria, I believe
17   at the fire station. This system will have a weather
18   station at the impoundment itself. There's a small
19   control room at the impoundment.
20   MR. JOHNSTON: So it will be based on very
21   localized data?
22   MR. LODGE: Correct, it will be about 20 feet away
23   from the blowers.
24   MR. JOHNSTON: The second question, I'm a little
25   confused as to the operation of the pond. I heard from

1 the consultant that the pond couldn't really be operated
2 more than two six-month dry seasons in a row because
3 they would then have to really take some time to dry it
4 down to a slurry so they could truck it out.
5   I heard later from the consultant that if we
6 continued to get the same average level of rainfall that
7 this system could operate indefinitely, presumably in
8 the dry season six months, which I was a little curious
9 about because it seemed different than the no more than
10 two six month dry seasons in a row, and then I'm hearing
11 from you that the plant is to operate it -- probably the
12 anticipation is to operate it probably 10 years off and
13 on before pulling out the slurry, so can you help me to
14 make those things talk to each other?
15   MR. LODGE: Sure. I'm not sure what the consultant
16 was referring to when she indicated it would go
17 indefinitely. The impoundment itself, if the
18 assumptions on the blowers are correct in terms of how
19 much brine will evaporate, they can operate for two
20 years in terms of the amount of brine they can put into
21 the impoundment. The 10-year number is based on when
22 they would want to remove the slurry, or the brine, if
23 it gets concentrated down to a certain point, if it hits
24 that -- what they want to avoid is having solids build
25 up in the bottom of the brine impoundment, so that will

1 depend on how many years they operate it.
2   MR. JOHNSTON: I would assume the evaporation rate
3 slows down year to year because if you're evaporating
4 out the water and salts are, if all goes according to
5 plan and everything stays over the pond, are dropping
6 back into the pond, so the pond is going to become
7 saltier, it's going to have a higher and higher level of
8 total dissolved solids, over the years, right?
9   MR. LODGE: Correct.
10   MR. JOHNSTON: So I would assume that their
11 efficiencies go down in terms of being able to
12 evaporate.
13   MR. LODGE: I believe it does. They ran a model on
14 it. I don't know the numbers on the top of my head,
15 what the efficiency is after each year and what the
16 concentrations are.
17   MR. JOHNSTON: But what you're saying, then, is
18 your understanding is that it could run for two years,
19 and I assume that means two six-month dry seasons, and
20 then it would need a down year to evaporate down to the
21 point -- unless they were really going to pump out a lot
22 of stuff that wasn't slurry, a lot of tank trucks -- it
23 would need a down year to dry down enough to be able to
24 operate it for another dry season, is that correct?
25   MR. LODGE: I don't know how much time it would

1 take after that second year to evaporate it down to get
2 to a another full year. We didn't look at that. What
3 we are looking at is, from our perspective, they need to
4 maintain a two-foot freeboard and the volume to hold a
5 thousand-year storm event.
6   MR. JOHNSTON: In two six-month seasons?
7   MR. LODGE: Correct. I don't know how long it
8 would take to get down from that to allow for another
9 season.
10   MR. JOHNSTON: Right.
11   MR. LODGE: It's heavily weather dependent, and
12 again on the assumption that the mechanical evaporators
13 have a certain efficiency.
14   MS. TRYON: Due to the numerous possible operating
15 plans that could occur, if it rains, they would shut it
16 down. That's why we kept it general to say you can't go
17 beyond filling it up to this level. So they can operate
18 it however long they want intermittently, but they can't
19 exceed that level.
20   MR. JOHNSTON: So the functional limit on operation
21 really isn't a permitted limit, the functional limit on
22 operation is that two-foot freeboard.
23   MS. TRYON: Plus the thousand-year 24-hour storm
24 capacity, which is ten inches.
25   MR. JOHNSTON: So two foot ten inches' freeboard is

1 really the functional limit on operation?
2   MS. TRYON: Right. And the testing of the brine to
3 make sure it's non-hazardous, and then making sure that
4 there's no leakage. So if they see a leakage, they'd
5 have to remove the brine and fix the leak before they
6 could use it again. So there's different scenarios they
7 can use. That's why we kept to that level.
8   MR. HARRIS: Mr. Johnston, there's another option
9 that we have discussed with the CSD but didn't pursue it
10 because of timing, and that is a brine line to the San
11 Simeon wastewater treatment plant, because San Simeon
12 has -- they have an outfall and the brine that's being
13 generated is only about half of what seawater is, so
14 there's another option for disposal in the long term.
15   MR. JOHNSTON: Which could potentially allow this
16 thing to operate -- remove that operating limit, then,
17 of something like two years before you've got to start
18 drying it down.
19   MR. LODGE: And just to clarify, the two-foot
20 freeboard and the thousand-year storm event is a
21 requirement in the order.
22   MR. JOHNSTON: Correct.
23   And finally, I understand that they are putting in
24 a double-walled pipe to carry the brine from the
25 advanced water treatment system to the pond, and I'm

1 assuming there's some -- I don't know anything about
2 double-walled pipes, but I'm assuming there's some
3 system that monitors between the walls so if the inside
4 wall is leaking, you know, right?
5   MR. LODGE: That's something that we're going to
6 have to look into. It hasn't been discussed at this
7 point. The pace of this project has progressed, we've
8 required that they do double-wall piping, but honestly
9 we don't have the measures to check whether there's a
10 leak in the primary pipeline.
11   MR. JOHNSTON: Thank you.
12   BOARD CHAIR: Thank you, Mr. Johnston.
13   Dr. Hunter?
14   DR. HUNTER: Thank you, Ryan.
15   And Thea, when you spoke up, had you identified
16 yourself for the record?
17   MS. TRYON: Thea Tryon.
18   DR. HUNTER: Thank you.
19   So again to the pond, I am not familiar at all with
20 the process for removing slurry from a pond that's lined
21 with materials that have a potential to leak or to be
22 damaged in some way. So can you give me an idea of what
23 is entailed in removing the slurry?
24   MR. LODGE: Well, they have submersible pumps for
25 the blowers. They can put in a submersible pump onto

1 the liner material to remove -- pump that out, the brine
2 out, the slurry.
3   DR. HUNTER: And what is the lifespan of the liner
4 materials, all layers?
5   MR. LODGE: The liner materials, exposed,
6 high-density polyethylene liner is at least 30 years'
7 life. There are studies out there that are actually
8 ongoing. It could be longer than that. Covered,
9 high-density polyethylene liner, the lifespan is a lot
10 greater than that. I think hundreds of years.
11   DR. HUNTER: So covered means filled?
12   MR. LODGE: Well, because there's a primary
13 high-density polyethylene liner, the one below that
14 isn't exposed to UV radiation so it does not degrade,
15 really, and it's not exposed to any waste, either.
16   DR. HUNTER: The white liner, what you're saying is
17 hundreds of years?
18   MR. LODGE: There are two black layers, so the
19 second black layer is not exposed. Similarly, the
20 geosynthetic clay liner is essentially a clay material.
21 I don't know that it has a lifespan.
22   DR. HUNTER: But it's artificial?
23   MR. LODGE: It's sodium bentonite in between,
24 basically, fabric, it's sandwiched in between that.
25   DR. HUNTER: Okay. Is this a typical design for

1 this type of holding pond?
2   MR. LODGE: Yes, there are other facilities in
3 California that have that design.
4   DR. HUNTER: And in our region?
5   MR. LODGE: We don't have similar design in our
6 region. We do have a another surface impoundment. It
7 has three layers of the HDPE material.
8   DR. HUNTER: Is that because the design criteria
9 has changed with adding additional safety into the
10 potential for leakage occurring by increasing quality of
11 materials and lifespan and so forth?
12   MR. LODGE: It's just a different design. The
13 other facility had a different subgrade material, so
14 they used just the -- the geocomposite clay liner is a
15 more forgiving material if there was to be a puncture
16 through. It essentially self-heals; if something stays
17 in there, it will stick to that, and if something goes
18 into it and comes out, it basically heals back together,
19 so there is an advantage to that material.
20   DR. HUNTER: Has there been any experience of these
21 other pond -- has there been any point at which the
22 entire thing has to be reconstructed because it degraded
23 or the leakage is so massive that it just has to be
24 started over?
25   MR. LODGE: We only had one other impoundment in

1 our region so we haven't had that experience. But if
2 there was a leak --
3   DR. HUNTER: You're not aware of it in the state?
4   MR. LODGE: Not that I'm aware of, but because it's
5 an impoundment rather than a land disposal facility it's
6 relatively easy to get to the liner and remove it, where
7 normally we work in the landfill arena where you're
8 putting tons and tons of waste on these liners and
9 they're buried and it's very difficult to go back in and
10 correct any issues. Here, if there's a leak, it's
11 relatively easy to get in there and try to find that
12 leak and repair it.
13   DR. HUNTER: And then I heard Mr. Harris say there
14 was an option to remove the brine slurry, and
15 potentially, transport it to the San Simeon wastewater
16 system plant for treatment. Is that an agreement that's
17 already occurred?
18   MR. LODGE: As far as I know, they do not have an
19 agreement with San Simeon Community Services District to
20 do that.
21   DR. HUNTER: Do you know if they plan to add that
22 to the complete plan for this option to occur in the
23 process of considering?
24   MR. LODGE: I don't know. I don't know the answer
25 to that question.

DR. HUNTER: Maybe the District can answer that for us. Would that be the best option, if they were faced with having to remove that slurry under circumstances of detecting a leak?

MR. LODGE: I guess I'm not sure what you mean by best option. It is an option, potentially, if the San Simeon Community Services District agrees to take that and as long as it doesn't impact the effluent quality going out to the ocean.

DR. HUNTER: Are there other facilities that do take brine slurry in our region?

MR. LODGE: I believe the South San Luis Obispo Sanitation District receives brine waste, and I believe maybe Watsonville, but again they do not have agreements in place at this time to take it to any of those facilities.

DR. HUNTER: See the District.

MR. GRESENS: I can try to answer the question pertaining to us, if you like.

DR. HUNTER: Yes, please.

MR. GRESENS: As far as the long-term plans of the District in looking at this issue of something with the San Simeon CSD, we're working on that long-term project with the Army Corps, so it won't be part of this regular coastal permit that we talked about earlier, but it

might be worked into the scope of work with the Army Corps project which is a more longer term. I know I've had some discussions with Mr. Harris about possible options early on in this project, and that's one that we would like them to look at. We don't know what's going to come of it at this point, but we can definitely try to work that into that scope of work.

DR. HUNTER: Can you remind me, when do you expect the Army Corps of Engineers project to -- I heard you say there were delays and funding issues. Are you back in the pipeline for money, is that a steady, actively moving forward or where are you in that process?

MR. GRESENS: Yes, it's moving forward slowly, it's an annual appropriation process. It depends on whether it funds and that's never known for certain each year. They do have a consultant under contract to finish an EIS per the NEPA requirements, and related to that they have to work on a change of scope as far as how they look at this particular alternative, and that still hasn't been finalized yet.

DR. HUNTER: So just assume that funding continues and the progress is on track, when would you anticipate seeing the project design come out of that process?

MR. GRESENS: Again, it's very difficult to predict their timing because of the funding unknowns each year.

I would say in a couple of years, you know, get through the NEPA process within the next year and then probably a year after that, you know, assuming funding all falls in place.

DR. HUNTER: So without those constraints, it looks like another two years before the process itself, getting the work done?

MR. GRESENS: That would be my best estimate at this point in time, again subject to funding.

DR. HUNTER: Okay, thank you.

MS. OKUN: I have a follow-up question. Does the District have the capacity or contingency plan for disposing of the waste in the Title 27 impoundment should the liner fail and the District has to remove that waste in order to repair the liner?

MR. GRESENS: Basically, it's hauling the waste off to a landfill that would accept it.

MS. OKUN: And there are landfills that would accept that type of designated waste, class of waste?

MR. GRESENS: I'll turn to my project team just to make sure I'm not misspeaking, but yes.

MS. OKUN: Thank you.

BOARD CHAIR: Mr. Jeffries?

MR. JEFFRIES: No questions.

BOARD CHAIR: Mayor Delgado?

MR. DELGADO: I have a question, and if there's a better time to ask it, I'll ask it later, but it's both to the project components and to staff. We've got California Coastal Commission and State Parks concerns, which are fairly consistent with one another, and it seems that one of the best backstops to address those would be to have the permits be of a limited or specified term, not the five-year term that may be normal, and so my question to both the permittee and our staff is, and this could be answered later if this is not the right time, is there any problem in having a reopener for a year time frame before we reassess this, let's say, after the CEQA is fully completed?

MS. OKUN: I can address that in part. There would be a problem in including something like a one-year limitation on the permits because the drought may not be over in a year and in that case, the orders wouldn't be adequate to address the drought proclamation, the drought emergency that's addressed in the proclamation.

There are other limitations that the Board could impose, either requiring a reportable discharge after the coastal development permit process is completed or including a limitation similar to this what the County has imposed so that the District can only operate the facility during a stage 3 emergency until the Board at a

1 later date reopened the orders to remove that
2 limitation, if that was what the District needed for
3 their long-term water supply.
4   MR. DELGADO: Okay. So you've mentioned a couple
5 of options and I think this is the general manager of
6 the District, so maybe he can give his perspective on
7 whatever he wants, but in addition to his preference
8 between those two options.
9   MS. OKUN: One further point in terms of the
10 reopener, since these are waste discharge requirements
11 that are not MPDS permits, the Board has the authority
12 to reopen them at any time even without a reported waste
13 discharge if there's new information or it turns out
14 that the actual monitoring data shows something that
15 wasn't indicated in the modeling data and there's a need
16 to change the requirements. So that can be done at any
17 time whether there's specific language in there or not.
18   MR. DELGADO: Thank you.
19   MR. GRUBER: Chairman Wolff and Regional Board
20 Members, I'm Jerry Gruber, the general manager for the
21 Cambria Community Services District. We would
22 respectfully request that the Board would consider the
23 recommendation from your staff regarding the duration of
24 the permits for just a plethora of reasons. I know the
25 Coastal Commission and Tom Luster's letter that we

1 received yesterday indicated a year time span. We feel
2 that's just unrealistic for a number of reasons. We are
3 bringing the EIR process to our Board on November 20, as
4 previously indicated, and I anticipate they will approve
5 that process, and so although I understand Mr. Luster's
6 concerns regarding this, I think that what's in front of
7 you today would be the request to authorize the permits
8 to be issued for the duration which the staff has
9 recommended.
10   In parallel to that, it was a good point raised
11 about the drought. We don't know when the drought is
12 going to end. And your staff and our staff on this
13 project and probably for six to eight months' work
14 already into it, and so a year we'd be right back --
15 literally, when this meeting would end, we'd be right
16 back starting the process all over again and that's just
17 not feasible for us. We also want to be able to have
18 flexibility from an operational standpoint. There's
19 been a lot of questions today about the operation of
20 this facility. As you know, it's one of only -- one in
21 this area, so we want to be able to establish and work
22 out the bugs, work out all the things that may occur and
23 we would need the recommended time frame that was
24 recommended by your staff.
25   Thank you so much.

1   BOARD CHAIR: Thank you.
2   MR. HARRIS: Just a clarification. Ryan can
3 correct me, but there's not a per se time limit in the
4 permits. These are DEIRs, so they don't expire. There
5 are requirements for reopeners or review, but they are
6 not necessarily mandatory.
7   BOARD CHAIR: Thank you, Mr. Harris.
8   So Mike, if you can hold on I'd like to ask a
9 question.
10   Then we'll take a break after this, by the way.
11   You know, a lot of my colleagues asked a lot of
12 very detailed questions, but I'd like to move at 10,000
13 feet level for a moment. What we're looking at here
14 with these brine ponds, we agree that from the physics
15 standpoint it's very, very similar to saltwater. I mean
16 sea salt evaporation pond projects where you have the
17 evaporation, you concentrate the salts, and in fact the
18 San Francisco Bay Area had ponds like these for many,
19 many years, still may have some operations, so when we
20 think about environmental impacts, et cetera, of drifts,
21 you can say, yeah, there is a similarity. Of course, I
22 realize it's slightly different, maybe it's comparing
23 two different citrus fruits, they are not identical but
24 same concept.
25   MR. LODGE: I don't mean to dodge the question, but

1 I'm not familiar with those other impoundments in the
2 Bay Area and the processes that they go through.
3 Initially, the brine in the impoundment will be less
4 concentrated than seawater in the ocean, but as it
5 concentrates it will get more, I guess, salty as you
6 would say, than the ocean water.
7   BOARD CHAIR: Okay. I don't have any further
8 questions.
9   I think we have one last question from Mr. Jordan.
10   MR. JORDAN: Thank you, Mr. Chair.
11   Lori, I think this is for you. So I keep hearing
12 throughout the whole thread that we'll collectively get
13 more information when they go through this EIR process
14 that the County is going to require them to do, but I
15 don't think I'm clear in my mind that if they are exempt
16 from entering into an EIR process with us, can't they
17 also claim an exemption with the County CDP process?
18   MS. OKUN: I'll leave that to the District to
19 address. The County did issue the coastal development
20 permit before all the contingencies were met so that the
21 drought proclamation CEQA suspension applied to this
22 project.
23   I don't know why because I couldn't tell from
24 reading the County's permit, but for whatever reason the
25 County did require the District to obtain a regular,

29 (Pages 113 to 116)

1 nonemergency coastal development permit to continue
2 operating this facility after the stage 3 emergency and
3 required the District to prepare a CEQA document in
4 order to support that.
5   MR. JORDAN: The answer I think I got earlier was
6 that I think they intend to do that. People say they
7 intend to do things all the time. Is there an avenue in
8 the approval of one of the orders today that would
9 facilitate requiring them to do that at the County level
10 as part of our approval?
11   MS. OKUN: No, and I don't think that the Board has
12 the authority to require them to undertake any
13 particular CEQA process either. However, if they elect
14 not to do that the County is not going to issue then a
15 regular coastal development permit and they will remain
16 subject to the limitation that they only operate during
17 the stage 3 emergency. The coastal development permit
18 did require the District to apply for the regular CDP
19 within 30 days, and they did that, so their application
20 is pending and they've said they have authorized the
21 CEQA process so they could shut all that down and
22 operate under the current permit.
23   MR. JORDAN: Both of those, I realize, are at
24 interplay with each other, but they're both just as
25 equally gray because there's also a CDP permit

1 apparently active with the County right now and nobody
2 in the room seems to be able to tell me if that CDP
3 permit asked for just operation or if it's just for
4 operation during a drought.
5   MS. OKUN: I can't answer the question in terms of
6 what they applied for long term, but I can answer the
7 question about what the current permit allows, and it
8 only allows operations during a stage 3 emergency.
9   MR. JORDAN: Thank you.
10   BOARD CHAIR: Okay. So we'll take a break, and to
11 make it a round number for everybody, we'll reconvene at
12 1:30. For folks who are not familiar with this area, if
13 you go down the street there's a little shopping center
14 called the Marigold Shopping Center and they have a few
15 places.
16   What we'll do after the lunch is we'll provide the
17 opportunity for all of you who have submitted speaker
18 cards to give presentation of three minutes each. The
19 public comment period for this item will take about an
20 hour, based on the 20 speaker cards that I have. I
21 wanted to share this with you so you do have some idea
22 of where we're going with this meeting, and I believe we
23 have one more staff presentation.
24   MR. HARRIS: Right, before the public
25 presentation --

1   BOARD CHAIR: Right, maybe a 15-minute
2 presentation.
3   MR. HARRIS: I would recommend we come back at, to
4 make sure -- I'm concerned about all these people
5 getting out -- maybe a quarter to 2:00, give everybody
6 at least a full hour.
7   BOARD CHAIR: I see folks that say let's keep this
8 moving, so I'm going to stick with 1:30.
9   (The lunch recess was taken)
10   BOARD CHAIR: All right, folks, we're convening.
11 It is now 1:35, for the record, and we will have the
12 District an opportunity to wrap up your inputs for the
13 Board.
14   MS. GARZA-BIRD: Good afternoon. My name is Mari
15 Garcia-Bird, with CDM Smith. I will be very brief in
16 this presentation to talk a little bit about the project
17 need. I don't think I need to spend a lot of time on
18 the slide. I think everybody understand that Cambria is
19 an exceptionally dry area of the drought in California.
20   And as Bob mentioned earlier, Cambria has a very
21 low water consumption. The District has maintained an
22 inventory of water supplies of less than six months for
23 the past two years. This is has been an emergency
24 that's been going for a while, and they have been
25 waiting to come out of this drought, and there does not

1 seem to be any sign of coming out of the drought.
2   The Governor declared a drought emergency, which
3 allowed CEQA to be bypassed. It has resulted in
4 entering into a new gray area of territory in the state
5 as to how to still address those issues and measures
6 while still providing safe drinking water to the public.
7 You've heard about to the extreme measures Cambrians
8 have taken to reduce their water consumption. Without
9 this emergency project, Cambria will run out of water.
10   Without a sustainable supply of water, there are
11 four fundamental things that water provides in a
12 community, and it is protection of public health, first
13 and foremost. Fire protection will be threatened. Loss
14 of economic viability. You'll hear about some of that
15 today. There are already restaurants that are closed
16 one day a week due to the drought in Cambria. And then,
17 of course, there's known to be impacts to the
18 environment and the quality of life in the basin, as we
19 presented earlier.
20   You've seen this, the whole project site. You've
21 seen this slide, too. Forty-eight percent of the water
22 that is pumped will remain in the basin, ultimately,
23 when you look at the whole balance, so it really is
24 great as a project that optimizes the resources within
25 the area while helping to protect habitat in the area.

We talked a lot about the balance and what's happening with the water. I don't think I need to spend any more time on this.

Some of the operations parameters, there's been a lot of questions and dialog about operational parameters at the facility, and the emergency permit only allows this facility to operate while they're in a stage 3 drought. This is the governor of the project until that regular coastal development permit is in place. You have to be in a stage 3 drought, which is extreme measures for conservation. This is not a growth project.

The facility will operate at a maximum of six months per year. Let me clarify this. As engineers, we have to define -- we have to design these facilities around some sort of absolutes, and so we sometimes respond to questions in absolutes. This facility is designed to work up to, we think, six months a year for several years, for a couple of years, but the likelihood of it working 24 hours a day, seven days a week, six months a year for two years in a row, we think that's a very highly unlikely situation. This is expensive water; the District's going to be very frugal with this facility.

The mitigation water going to the lagoon, we are

making an adjustment where we are going to be blending that microfiltered water with some of the reverse osmosis treated water in the event there are some water quality issues with that water, so that way we protect the quality of the lagoon water.

The treatment process does provide three barriers of protection because of those percolation ponds. It is very advanced treatment process. The evaporation pond, the surface impoundment, the mechanical blowers will only operate when the wind speeds are less than six miles per hour, when the wind direction is from the west to the east. If for some reason all the water were to evaporate and you had 100 percent dry solids in there, none of those constituents in those solids come anywhere close to reaching the EPA hazardous levels. There was no selenium or mercury detected in the supply water that we will be treating, and there's going to be a monitoring program in place for the air quality to ensure that nothing leaves the confines of that surface impoundment.

Let's talk a little bit about what happens without the project. The San Simeon wells will no longer be able to operate in an extended drought. The lagoons will cease to exist, saltwater intrusion will begin. The percolation pond water will reverse its gradient and

start to head to the San Simeon wells. The impacts are pretty dramatic without the project.

It is a great project that optimizes the resources in the area. This project, it does provide a sustainable supply of water during droughts. It is a drought facility. It provides 65 gallons per Cambrian per day. That's not a growth facility. It has beneficial impacts to the environment through the protection of the lagoons, protects from saltwater intrusion, and saltwater intrusion will be monitored much more aggressively than it has been in the past in the area. It balances the requirements of the area to the protection of public health with a sustainable supply of water, provides a supply of water for fire protection, which is absolutely critical, and it provides the environment.

Please award the permits today as proposed by staff so that this emergency facility can operate and provide a sustainable supply of water for Cambria.

Thank you.

BOARD CHAIR: Thank you.

Board members, I'll start on my left.

Mr. Young?

MR. YOUNG: The 65 gallons per day per Cambrian, what about for your tourists that are coming in to

Cambria, how do you factor that usage in?

MS. GARZA-BIRD: It's a simple calculation. The 300 gallons per minute, break it into per day, divide it by the population. It's an oversimplified calculation to show that this is not a lot of water, it doesn't allow them to go crazy with growth, you know, it is a minimal amount of water to provide additional water for their tourism as well as the residents.

MR. YOUNG: Are people in Cambria, people that want to develop their land, allowed to do it, allowed to get hookups to the water supply?

MS. GARZA-BIRD: As the District engineer explained earlier, they have to do that through credits showing reduction of water.

MR. GRESENS: Our practice there has been to require conservation offsets for any new demand and, as I explained earlier -- I won't go into the details unless you want me to.

MR. YOUNG: The points that were discussed, okay.

BOARD CHAIR: Please state your name again for the record.

MR. GRESENS: Oh, I'm sorry. Bob Gresens, District engineer for Cambria CSD.

MR. YOUNG: No further questions from me.

BOARD CHAIR: Mr. Delgado?

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MR. DELGADO: What's the per-capita gallons per day usage in Cambria?

MS. GARZA-BIRD: The current per-capita usage is 50 gallons per capita per day.

MR. DELGADO: That's today. So that's pretty low, one of the lowest in the state.

MS. GARZA-BIRD: Correct.

MR. DELGADO: Are you the right person to ask what difficulties it might cause if there was some time frame to this permit granted today or is that not your bailiwick?

MS. GARZA-BIRD: I can answer. This facility right now can only operate in stage 3 drought. It can't operate if they move out of stage 3. So that, as I said, is the governor for the operation of the facility as it sits here today.

We don't know how long this drought will last. This drought could last another three or four years and they would remain in stage 3 so that if they needed this facility they could use it, if necessary. So limiting the time frame on the permits, to me, becomes a moot point because of the requirements of the emergency consideration of the permit. And as far as a hardship, renewing the permits, I'll let Bob speak to that.

MR. GRESENS: Well, the sizable investment that we

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had to finance is one thing to consider as well, but, yes, I believe it would create a hardship to have a limit on these permits. We have again the regular coastal development permit process to go through. That could be a smooth process, it could be a very arduous process, depending on whether it gets appealed and so forth, and the same could be said of the environmental EIR process, so these can all hit iterations, if you will, so our preference and, as our general manager, Mr. Gruber, stated, is not to have that, so we would like to see the permits get approved as written, as they are currently in front of you.

MR. DELGADO: Do you have an internal estimate when you hope to be complete with the regular coastal development permit and the regular EIR, not the emergency one, but the --

MR. GRESENS: Yes. Our Board is meeting on the 20th. Assuming they approve the contract for the regular EIR, it will probably take at least three months to produce that document, and then it will go out for public review at that point. So that public review period will probably be a 45-day period, and there'll be a collection of comments, the response to comments developed, and after that the Board would adopt it eventually, so there's probably going to be a month or

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two, at least, after that review period to actually get to that adoption hearing on that document.

MR. DELGADO: So adoption hearing, is that, ballpark, one year out?

MR. GRESENS: We're definitely trying to do better than that. You know, I may be overly optimistic because I tend to be overly optimistic at times, but I would think a four- to six-month period is probably the best we'd be able to do.

MR. DELGADO: Thank you.

BOARD CHAIR: Mr. Jeffries?

MR. JORDAN: No questions.

BOARD CHAIR: Dr. Hunter, Mr. Johnston, Mr. Jordan? I do not have any questions either.

Thank you very much.

Next we will proceed with the speaker cards that I have. We will allocate three minutes for each of you, and you'll get a little warning light that tells you when you are close to your three minutes. Some of you on your speaker cards identified agenda Item 20 and 21. It doesn't mean you get six minutes. I want to be sure we get our math right. So first card, when you come to the podium, you've got three minutes.

In order to facility the process, because assuming we move right along there's about an hour's worth of

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public comments coming, we will announce three names at a time and I would like you to queue in, you know, behind the podium. That way we can accelerate a little bit, at least, that part of the process.

So I will call first Ted Siegler, then Tina Dickanson, and then Elizabeth Bettenhausen.

MR. SIEGLER: Good afternoon. I'm Ted Siegler. I'm a full-time resident of Cambria.

For the most of my life I've taken safe reliable water for granted. Indeed, most Californians feel that way, despite the historic drought. The severity of the local emergency, exacerbated by the fact that Cambria is isolated from any secondary course source of water, has brought concerns about safety and reliability into sharp focus. Cambrians have been severely challenged. With completion and operation of the advanced water treatment plant, we'll have a measure of relief.

At the last Community Services District Board meeting, the District staff reported that our community reduced water consumption in July and August by 41 percent, compared to the same period in 2013. Commercial users conserved 35 percent, while residential users conserved an amazing 57 percent. While we were allowed 50 gallons of water per person per day, most of us used significantly less.

The actions taken by our community include: The fire department did not flush or test hydrant feeds, State Parks closed showers and bathrooms, our town closed its public restrooms, the VIN promoters trucked in water for use at events, CCSD installed an extensive signage promoting conservation, restaurants stopped serving tap water and began selling bottled water in compostable plastic cups to reduce washing, restaurants closed and limited access to restroom.

Where restrooms were closed, porta-potties have been employed. Residents were prohibited from using potable water for outdoor uses. They've employed strategies such as storage tanks or gardening services to make nonpotable water available for landscape maintenance. In many cases we've modified our landscapes as well. Indoors, residents flush toilets less often, take fewer showers, haul water from sinks and showers for reuse and generally stop and think before turning on any tap.

Measures such as these take a toll on public safety, health and hygiene, and our tourist-based economy. These things are things that can be done during a crisis, but they would severely impair our community if we don't resolve our water problems in the longer term.

Since we have no idea how long the drought will persist or when or whether it will recur, we're looking to the water treatment plant to supplement our water supply without being able to predict the exact timing. This solution requires the Regional Water Quality Control Board permits, permits for a full five-year term to provide for emergency operations whenever they occur.

Today we are very pleased that the construction of our advanced water treatment plant is coming to a close and that the Regional Water Quality Control Board is poised to issue permits that will allow operation.

Cambrians thank you.

BOARD CHAIR: Thank you for your comment.

Tina Dickanson next.

MS. DICKANSON: Good afternoon, Tina Dickanson, Cambria. I have so much more. I had three speaker slips in but apparently I'm limited to one. My concerns are many. I would urge you not to issue a five-year permit. I think would be a gigantic mistake.

I think permitting the project is premature and from what I have both read in the reports and heard from you today, as well as staff, it is apparent there are many issues to be addressed. The fast tracking of this project, the evaporation pond in close proximity to not only State Parks and a campground, but also through

homes that are even closer to the borderline there, and who knows what illnesses may occur from the evaporation of the effluent pond.

On the issue of the five-year, I would ask that there be a reopener here, that you have a lot before you to decide on this project. This was not an emergency, as it was described in the fall of 2010. The Board actually issued a -- a moratorium was lifted in March of 2013, even though we know we were in the second year of drought. On August 22 there was an ordinance passed to issue 20 intent to serves in September, but we learned then, 10 days after that, that we were in this dire crisis.

Somehow we've gotten through that to November now, the middle of November. I'm asking and I have very little time, but I'm asking you to think through this and delay this until -- I went there yesterday, the project is not complete. The liner was not even complete. I have pictures for you if you would like to see them. This project is not completely built, and no way should it receive a permit today and if -- I would ask that it be reopened. Thank you very much.

BOARD CHAIR: Thank you for your comment.

Next, Elizabeth Bettenhausen, and again three minutes total.

MS. BETTENHAUSEN: Thank you very much, Mr. President, and I do want to say at the very beginning that I am exceedingly -- and I'm not just trying to bribe you, I'm exceedingly impressed with the questions that this Board has posed. When I used to serve on Boards, I never ever achieved that standard, and I seriously mean it.

The first thing I want to say is that when I moved to Cambria 12 years ago, I took this photograph of a pocket gopher. The pocket gopher, and my sister and my mother, we have become -- I hate to say it -- enemies. That's the only living thing I kill apart from cucumber beetles.

And it's not just in our yard, it is out there by that. I would like to read to you this sentence from the Wildlife Damage Management. It's let's be nice to wildlife, but in my book right now, let's kill them, but I don't want to sound too anti-CEQA at the moment.

"Damage caused by gophers include destruction of underground utility cables and irrigation pipe, direct consumption and smothering of forage and earthen mounds and change in species composition. It can also erode large hills and make them flow away. Pocket gophers also invade yards, fences, et cetera. A single gopher moving down a garden row can inflict considerable damage

1 in a very short time. They also gnaw on and damage
2 plastic water lines and lawn sprinkler systems."
3   You all know this. I'm not giving you new
4 information. What I'm saying is we have heard nothing
5 about that we're going to make a four-foot trench, which
6 probably has the pocket gophers out there clapping, to
7 try to protect that evaporation pond. They can chew
8 that fancy lining in approximately a half an hour, and I
9 can leave these copies if you'd like to see what may be
10 a mediocre picture, but excellent scientific analysis of
11 pocket gophers.
12   The other thing I certainly want to say is that you
13 have not heard anything about how come the tracer test
14 went so quickly in those 58 days. Why, did that soak
15 over there so quickly. It turned out that the ground
16 was much more permeable than they had thought in their
17 hydrogeological modeling, and this is one instance where
18 reality put the numbers down.
19   Again and again in this project, since we've been
20 reviewing it in the mid-summer, we have found numerical
21 modeling claiming to be reality. I am not saying that
22 numerical models don't have anything to do with reality,
23 I'm saying that numerical models must be tested by
24 reality and the monitoring so far in this project is far
25 too iffy.

1   The one big issue I have about the speed at which
2 we're going is that I use approximately -- here's
3 bragging, listen to it -- 15 gallons per day. Fifteen,
4 one-five. I didn't start doing that when the drought
5 hit, I started doing that when I was taught by my
6 parents who grew up in North Dakota.
7   And, friends, if you think we've got an emergency,
8 you aren't listening to the real numbers that CCSD puts
9 out, which I'd love to give you, because we don't have a
10 water emergency, we have a definition of quality of life
11 emergency in Cambria.
12   Thank you.
13   BOARD CHAIR: Thank you for your comment.
14   The next I will call three speakers, Richard Holly,
15 we have Mary Webb and Lynn Harkins, please.
16   MR. HOLLY: Good afternoon, Board. My name is
17 Richard Holly, and I'm a 40-year resident of Cambria.
18   If this hasn't become really clear to you people up
19 here and to many in the audience, this is not an
20 emergency project, this is a full-blown public works
21 project. I think some of you alluded to that in some of
22 your questions.
23   Now, I think the whole idea that's being put forth
24 here about reuse of water is a good idea. What's wrong
25 with it is that the deception that the CCSD has

1 perpetrated on this Board and many regulatory agencies
2 by hiding under the veil of the Governor's declaration
3 of emergency. They pushed this project through that big
4 loophole, and it really makes me mad.
5   I'm an environmentalist, and I hear all these scare
6 tactics, we're going to run out of water. The District
7 has said we were going to have sand coming out of our
8 taps if we don't go to a stage 3 emergency, and then all
9 of a sudden we have six months' worth of water. And if
10 you would put up those graphs that we were talking about
11 earlier about the water production, you would see that
12 both San Simeon and Santa Rosa Creek are above average.
13 But it's not by accident, it's because we do conserve a
14 lot of water. I personally use 25 gallons a day, always
15 have. Not a big problem for me, but I can understand
16 other people's issues.
17   So I am definitely for water reuse. I think it's a
18 California's future, but I think we've been deceived
19 here, and that really makes me angry and it ought to
20 make you angry.
21   Some of the constituents in our natural geology,
22 San Simeon Creek has mercury, which is methylizing now,
23 but it also has chromium, hexavalent chromium and
24 asbestos and these were excluded in the analysis of what
25 goes into that brine pond, and I'd like to know why that

1 was, because they certainly will be highly concentrated
2 over time, too.
3   Your staff has questioned the tracer test, and for
4 good reason, and I hope they actually do conduct another
5 tracer test. I think we ought to do that now instead of
6 later.
7   The droplet size of the undisinfected wastewater
8 created by the five aerators is really worrisome to me.
9 You know, I think you can see how close the campground
10 is to the pond, you can see there's residences around
11 there, and I hope you -- there's so much to talk about
12 here. I hope you really consider putting some serious
13 constraints on this.
14   Thank you.
15   BOARD CHAIR: Thank you for your comment.
16   Next, Mary Webb, please, and could Lynn Harkins
17 also come behind the podium. That way we save a little
18 bit of time in between speakers. Thank you.
19   MS. WEBB: I'm Mary Webb, vice president of
20 Greenspace. Greenspace is supporting recycled water, of
21 course. I mean we've done that for years. But as Rick
22 just said, this is not a temporary, portable emergency
23 water supply project, it's not going to provide water,
24 it's -- they're extending the permit already for a year.
25 What was described at the beginning of this year was

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1 $1.5 to $4 million potable desalination machine that
2 would be turned on by July 1.
3   Obviously, this is a permanent Public Works
4 project. The District engineer is already talking about
5 phasing, looking into future with where he wants to go
6 with the brine outfall, so the way he filled out his
7 application to the County is erroneous. The County
8 emergency permit -- basically, the coastal development
9 permit should have been completed within 30 days of that
10 emergency permit.
11   There is no coastal development application. I
12 just have to tell you, it's not complete. I just talked
13 to Aaron today. The emergency permit expires in 180
14 days, it expired today, and Aaron just told me that the
15 County reextended the CSDs 180-day emergency permit for
16 another 180 days and they still don't have a coastal
17 development permit application. So basically the
18 District intends to run this as a permanent stage 3
19 emergency project forever. I guess we're always just
20 going to be in a stage 3 emergency crisis.
21   There was no supporting evidence that we're in the
22 emergency. I gave you the well levels yesterday.
23 August, of Emergency Services, Department of Drinking
24 Water and DPH did not provide an analysis of our water
25 situation when they declared that we're in an emergency

1 condition. There's no record that shows what the
2 emergency is. All we do know is that Cambrians are
3 suffering because they're limited on outdoor watering
4 and are limited to 50 gallons per person per day.
5   The project has already caused damage. There was
6 unpermitted grading that was not allowed in the
7 emergency permit, trenching, they built roads that were
8 not permitted. I just found out today that construction
9 occurred underneath the creek to install some kind of
10 pipelines into the creek channels, pipelines were buried
11 instead of temporary and above ground and/or not looking
12 at the whole picture of the project, so cumulative
13 impacts are heading our way.
14   I would request that if you're going to approve
15 this permit, you approve it with conditions that you
16 require temporary operation and during dry season only,
17 and specify what does "dry season" mean because this
18 language is really slippery.
19   We need to define a stage 1 and 2 and 3 emergency.
20 If we're in a stage 3 emergency for the project, then
21 we're in stage 3 emergency for people who live there and
22 we're in stage 3 emergency for tourism. That means no
23 increased amount of water should come out of this
24 project for residents or tourists. We should stay with
25 portable potties, all of that. We need to condition the

1 permit for just one year, instead of five.
2   BOARD CHAIR: Please wrap up.
3   MS. WEBB: Require the second tracer test should be
4 done in the dry season as the first --
5   BOARD CHAIR: Thank you.
6   MS. WEBB: -- tracer test was done.
7   BOARD CHAIR: Thank you very much.
8   MS. WEBB: No growth should be allowed on this
9 permit.
10   BOARD CHAIR: Thank you.
11   Lynn Harkins.
12   MS. HARKINS: Good afternoon, members of the Board.
13 My name is Lynn Harkins. I'm a resident of Cambria. In
14 your packet at the end of the numbered pages, on page 71
15 of the 98 pages that are stapled together there, item 2
16 from the questions that came out of the multi-agency
17 meeting where Fish and Wildlife, your people, the
18 Coastal Commission, their item 2 was property ownership.
19 "Has the District resolved the parcel boundary issue
20 with State Parks? If not, what is the status of that
21 issue and is the District proposing any changes to the
22 project location or layout?"
23   Now, as public trust agency, if public trust
24 land -- the State Park's land over there which I will
25 just go point out to you -- is being degraded by the

1 dumping of District wastewater, which it is, it says in
2 your -- earlier in this document as well that San Simeon
3 Creek is being degraded by wastewater discharge to land.
4   Now, that land I'm going to show you up there where
5 roughly the State Parks lot is, and State Parks wrote a
6 letter to me and told me they would be serving to
7 reaffirm their boundaries and that no wastewater
8 percolation ponds would be allowed on their land. Now,
9 that survey has not occurred and in the meantime the
10 State parks acknowledged that its CCSD, the burden of
11 proof is on them to show that they own that land and
12 they have not shown that they own it.
13   May I go give you a rough idea where it is?
14 Because it takes up about half of the percolation pond
15 area.
16   This the quarter, this is the top of the
17 campground, the upper campground. Their line goes all
18 the way across here, and all the below here is
19 unquestionably State Parks land, and that includes San
20 Simeon Creek here. Then they have a lot that roughly
21 goes up the line of Van Gordon Creek and cuts across
22 here and front of 9P7. It takes out all of these
23 percolation ponds that belongs to State Parks,
24 California State Parks. The lot number is 013061024, I
25 think, or maybe that's the District one.

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1   So the north boundary of State Parks comes up
2 against the south boundary of CCSD's, and CCSD wants the
3 property line to be the line of San Simeon Creek and it
4 is not. Originally when the lot line was drawn, San
5 Simeon Creek was much further north, but the property --
6 when CCSD acquired this property in 1988 -- they were
7 created in 1976, and in 1988, by a special interagency
8 action, their lot was created as of this. I can't get
9 that document because it has an "I" in it so it's in the
10 interagency somewhere but this is not --
11   BOARD CHAIR: Please wrap up your comment.
12   MS. HARKINS: Your staff told me you would not
13 issue a waste discharge --
14   BOARD CHAIR: Miss, your three minutes are over.
15 Thank you very much for your comments. Thank you.
16   The next speaker, and I will call three names, it
17 will be Gordon Hensley, Barbara Brouson-Grey, and Greg
18 Bates, please. Thank you very much.
19   UNIDENTIFIED SPEAKER: And we're handling both 20
20 and 21 at once?
21   BOARD CHAIR: Yes, three minutes.
22   MR. HENSLEY: Mr. Chairman, for expedition
23 purposes, Mr. Bates had to leave and so if you could
24 call another name, it would speed it up.
25   BOARD CHAIR: Thank you for pointing this out.

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1   So Mr. Paul Carlson, please.
2   MR. HENSLEY: Chairman Wolff, honorable Board, I'm
3 Gordon Hensley. I'm the San Luis Obispo Coastkeeper.
4 Our focus is on protecting the swimmable, fishable,
5 drinkable water. Seems like an appropriate topic for
6 today.
7   The focus of the what's going on today is really an
8 emergency permit, and it seems improper for you to be
9 pressured and staff to be pressured into thinking about
10 a long-term project to resolve Cambria's problems. This
11 is an emergency permit that we're talking about.
12   We share the concerns that Fish and Wildlife, the
13 agency formerly known as Fish and Game, the State parks
14 and the Coastal Commission have expressed to you as
15 well. We are concerned that there are direct and
16 cumulative impacts of this project that will adversely
17 impact sensitive coastal habitats, and there's potential
18 harm in that to four rare and endangered species.
19   I'm also a little unclear about the water that's
20 supposed to go to San Simeon Creek. You've been
21 informed that the system is all in balance and all
22 working perfectly. As I understand it, there was
23 144,000 gallons per day that was supposed to be going to
24 the creek that is now out of that system that was
25 balanced. So where is that water now going to go and

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1 how long is that going to take to fill up that pond?
2   I would also ask that you investigate the options
3 that you have to limit this permit. As it's currently
4 written it is governed by a stage 3 drought condition,
5 and you've been told by the consultants and the District
6 that that's at their direction. They are the ones who
7 determine that stage 3 alert.
8   Thank you.
9   BOARD CHAIR: Thank you for your comment.
10   MS. BROUSON-GREY: Good afternoon. I'm Barbara
11 Brouson-Grey, and I am a trustee of the Cambria
12 Community Health Care District. I'm also a registered
13 nurse and a member of the State's medical reserve corps.
14 I mention that because it will be germane to what I am
15 going to tell you.
16   We voted, the Cambria Community Health Care
17 District voted unanimously just a few weeks ago to
18 support a regular coastal development permit for the
19 CCSD emergency project to provide a stable and long-term
20 supplemental supply of clean, fresh drinking water, and
21 that's one of the few times we have voted unanimously.
22   We've heard a lot about what isn't the case and
23 because I consider myself a bit of a health expert, I
24 would like to lay out the groundwork for you to fully
25 understand the risks that Cambria takes every day while

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1 we try to reduce our water consumption, and please
2 excuse me for being a bit frank at first here because
3 I'm going to talk about toxic toilets, not something I
4 normally talk about in public.
5   But if you go into most of our homes, you'll find a
6 toilet that has not been flushed most of the day unless
7 there's been a deposit of significance. Urine is not
8 sterile, contrary to what some people think. It's full
9 of small bacteria, and stagnant urine grows bacteria,
10 and splatters can cause disease and infection.
11   If you have come into one of our homes and you need
12 to use the restroom, most of us will say "Oh, hold on a
13 minute" and we'll run in and flush the toilet.
14   When it comes to public toilets we have a different
15 issue and that is that there is no running water in the
16 public toilets now because we've been forced to close
17 down the Cambria official toilets, as you've heard. So
18 the porta-potties, or outhouses, sometimes have some
19 hand cleanser in them and sometimes do not. Many of the
20 restaurants have closed their own bathrooms to the users
21 of the restaurants and so people who are dining need to
22 actually use toilets of this nature. Imagine here in
23 this office if you were using porta-potties for months
24 and months and months without running water.
25   In addition, we have cold and flu season now, and

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1 you may not realize it, but to properly wash your hands
2 you need at least two quarts of water over at least 30
3 seconds, running so that you can actually get between
4 your digits and get both sides of your palms and all of
5 that.
6 People who are so uptight that they brag about how
7 many units they use may not be properly washing their
8 hands, and this is causing health issues in our schools,
9 it's causing issues in our restaurants, and as the flu
10 season hits it will probably affect people
11 deleteriously.
12 Fire. We heard a quick reference to fire. We
13 probably will hear more soon, but not having enough
14 water makes it different.
15 In conclusion, we shouldn't have to live like an
16 underdeveloped country, and I ask that you please
17 approve the permits for a full five years.
18 BOARD CHAIR: Thank you for your comment.
19 MR. CARLSON: Good afternoon, and thank you for
20 listening to my comments.
21 My name is Paul Carlson, and I, first of all, would
22 like to thank the Water Board staff for its review and
23 recommendation for approval of the CCSD permits. I urge
24 the Water Board to follow their recommendation and
25 approve the permits for a full five-year period to allow

1 Cambria to have use under emergency conditions without
2 further delays and expense in the future.
3 While I have been a resident of Cambria since 2005,
4 I have first enjoyed the tourist atmosphere of Cambria's
5 motels, restaurants and unique shops in the early 1980s.
6 At that time the restaurants I remember were the Gray
7 Fox Inn and Brambles. The Gray Fox Inn is now Robin's,
8 and Brambles has been closed for some time but hopefully
9 will be reopening in the future, given an adequate water
10 supplied made possible by regular permitting for CCSD
11 emergency water supply project. I'd like to point out
12 that a restaurant like Brambles would possibly employ 30
13 to 40, 50 people, part time and full time.
14 On the Central Coast of California, the Cambria
15 economy is an economy of tourism, and an adequate water
16 supply is necessary for that industry to succeed. Some
17 Cambrians depend on the motels, restaurants and shops
18 for employment and income. One Cambria business, the
19 Moonstone Beach Bar & Grill has been seriously impacted
20 by the Cambria water crisis. Initially, the owners of
21 the restaurant said they have to reduce their hours to
22 dinnertime only due to the water crisis. As it is,
23 where the restaurant used to be open all afternoon, it
24 is now closing from 3:00 to 5:00 p.m. daily. This
25 landmark restaurant has a wonderful outdoor patio with

1 an incredible view of Moonstone Beach, and it is
2 important to Cambrians that it continue in business.
3 The importance of tourism to Cambria and its
4 visitors is reflected in the 1 million visitors annually
5 to Cambria and the Hearst Castle. There was $27 million
6 of total revenue received by hotel and motel, vacation
7 rental, and bed and breakfast in the year 2011. This
8 revenue is an indication of the importance of the
9 tourism provided by the Cambria businesses.
10 In closing, the need for this water supply project
11 on an ongoing and regular basis is paramount. To deny
12 these permits and thus to deny Cambria a stable
13 supplemental water source would harm our community's
14 health, safety and well-being as well as our economy.
15 I again ask for the approval of these permits for
16 the full five-year period as recommended by your staff.
17 Thank you.
18 BOARD CHAIR: Thank you for your comment.
19 The last three speaker cards will be Jim Crescenzi,
20 Jerry Gruber, and Mark Rochefort.
21 MR. ROCHEFORT: Again, this is Mark Rochefort.
22 Mr. Crescenzi had to leave so he will not be able to
23 present, and with that we'll let Mr. Gruber go forward.
24 MR. GRUBER: Good afternoon, Chairman Wolff and
25 Board members.

1 80 percent of Cambrians support this project.
2 There was a Prop 218 passed to fund this project and to
3 get the money to borrow for this project. We've fronted
4 out of our limited reserves $2 million for this project,
5 and we're hoping that the money comes through here so we
6 can get that paid back to our general fund.
7 As I said, Cambrians have saved 40 percent of water
8 over the last several months. Many of the people here
9 represent that savings in water. Please don't take this
10 wrong because I'm middle-aged but I will be elderly one
11 day, and many of the elderly people in this audience
12 have contributed to that 40 percent savings, and they
13 are literally hauling buckets up and down and there's
14 real health concerns associated with that. I'm not
15 trying to overdramatize the situation, but that's the
16 reality of it.
17 I also wanted to thank your staff here. They have
18 worked diligently over the last several months. They
19 have not rubberstamped this project by any stretch or
20 means. They took a very proactive and conservative
21 approach to this project that resulted in the numerous
22 safeguards that we talked about earlier regarding the
23 brine pond and gopher mitigation and things like that.
24 They were firm but they were fair.
25 I remember an early email from me to Ken Harris

because I was a little frustrated, to be honest with
you, and I thought they were taking a too-conservative
approach, and I commented that when this pond is done it
will also act as a fallout shelter for the residents of
Cambria, it'll take a direct hit from a meteor and will
repel any ISIS attacks, so we feel confident that this
pond is built adequately to address any concerns that
you may have.

I found it a little troubling to receive letters on
the 11th hour from Coastal Commission and from Nick
Franco at State Parks. I think we have a pretty good
working relationship with both of them, we reached out
to both of those agencies. And one of the things I
helped Tom up at the Coastal Commission understand is
his role, and I think that's one of the things that's
important in this.

Although Tom has the right to say he recommends a
year, I don't think it's necessarily his role. His role
is to help our community obtain a regular coastal
development permit.

I'm thankful for CDM Smith and their team.

And just really quickly -- I have 10 minutes' worth
of stuff and only three minutes to talk about it -- but
everybody is entitled to their own opinions but
everybody is not entitled to your own facts. And as we

positioned ourself with a group of some of the best in
the world, I think they have presented you with a lot of
good facts. This graph is factual to a certain extent,
but it does not tell the entire picture. It doesn't
tell the picture of the Santa Rosa Creek aquifer and so
it's only partial.

So thank you.

BOARD CHAIR: Thank you for your comment.

MR. ROCHEFORT: Mr. Chairman, Madam Vice Chair,
members of the Board, my name is Mark Rochefort. My
wife and I have owned a home in Cambria for 27 years.
We've been full-time residents for the last two and a
half years. I'm the co-founder of Cambrians for Water.
You've heard from some of our membership today. We're
all wearing the same shirts.

In any event, Cambrians for Water is a grassroots
organization. It was founded less than three months ago
in Cambria and it was founded for the purpose of
supporting the CCSD and in particular supporting the
emergency water supply project. We have grown to over
700 members in less than three months. That fact,
together with the recent election in which two of our
Board directors, incumbents who support the project,
were reelected by overwhelming majority, coupled with,
as well, the fact that only 20 percent of our community

protested the rate increase for the bond necessary to
fund this project, I believe, and I say this with
humility, indicates that I and my co-members of
Cambrians for Water speak for the majority of our
community, not those naysayers who would not have this
project.

In January and again in April, Governor Brown
issued two very extensive proclamations. He did so to
deal with the exceptional drought situation in this
state. He did it because it's affecting all
Californians, it's affecting all of America, much of the
world, because a great deal of the world's economy
depends on California's agriculture and California's
other industries. It is not a loophole, it was a
proclamation that did many things.

One thing it did most assuredly was that it
required agencies such as this act in a streamlined and
expeditious fashion while at the same time maintaining
the high standards and quality of drinking water as well
as the precious groundwater resources. With all due
respect to the Governor, I think it falls under the
cliché that's easier said than done.

Well, I am very pleased to say that your staff did
it. In just a few months, they pulled together a
terrific team and they cooperated and collaborated with

the CCSD, with the Division of Drinking Water within the
State, and they put together a permit and a project that
was better than when this process began. And I want to
thank your staff and in particular I'm going to call
them out. I apologize in advance for mispronunciation,
but Mr. Lodge, of course, beginning with Mr. Harris,
Mr. Souza, Mr. Lodge, Ms. Tryon, Mr. Robertson,
Mr. Packard, Mr. Cole, Sheila Soderberg, Jeff Densmore,
Randy Bernard, Brian Bernattos and Chris Dadayo. We're
so grateful.

BOARD CHAIR: Thank you.

MR. ROCHEFORT: We are grateful and we appreciate
it very much. We have written an article for the
Tribune and we hope to broadcast what great public
servants you are.

BOARD CHAIR: Thank you.

Mr. Harris, this would be an opportunity for staff
to comment.

MR. HARRIS: Yes, and if the Board has any
questions for staff, maybe Brian and Howard, could you
come back up to the table here in case we have some
questions, and then I'll make a couple comments.

BOARD CHAIR: All right, let's have any question
from Board to staff, and then staff can add any comments
that they have based on some of the input from the

1 public.
2   So we'll start on my right. Mr. Jordan?
3   MR. JORDAN: Thank you, Mr. Chair.
4   I think just one quick question. Just to confirm
5 on the issue of what we've heard today, what it actually
6 may look like in the future, particularly with the WDRs.
7 But I just want to confirm, WDRs, by their nature --
8 well, any discharge, by nature, doesn't give you a
9 vested right and the allowance also of a permit, a WDR
10 permit also does not give the recipient a vested right.
11 It remains a privilege, is that correct?
12   MR. KOLB: Yes.
13   MR. JORDAN: By the way, that quote, in almost four
14 years, "would you like me to speculate?" I'm going to
15 remember that one for a long time. You didn't get the
16 answer you wanted.
17   So if it remains a privilege and can be reviewed,
18 are there thresholds or standards as the WDR goes
19 forward that would reasonably have to be met or
20 questioned to bring it back for reconsideration?
21   MS. OKUN: Can I answer that question?
22   MR. JORDAN: You certainly may.
23   MS. OKUN: All of the orders before you have
24 follow-up reports that are required because this is a
25 new facility and it's based on some existing monitoring

1 data and some modeling data, but the District has to
2 submit additional reports to confirm that the
3 assumptions were valid and that the facility is
4 performing as expected.
5   In addition, by statute, if the District makes any
6 changes to the facility as a result of a CEQA process or
7 for any other reason that could materially affect the
8 discharge, including the volume of the discharge or the
9 location of the discharge or the quality, the discharger
10 has to submit a report of waste discharge so that the
11 staff and the Board can consider whether modifications
12 to the WDRs are required.
13   The Title 27 impoundment order currently includes a
14 requirement that the District submit a report of waste
15 discharge in about four and a half years, even if there
16 aren't any material changes. But at any time that
17 there's new information or for any reason, staff or the
18 Board determine that it's necessary to reconsider the
19 requirements and whether they're adequate to protect
20 water quality, the Board can reopen the WDRs to make
21 the --
22   MR. JORDAN: For example, let's say an EIR is done
23 as part of the process with the County and it happens to
24 turn up four or five actual class 1 impacts that can't
25 be mitigated and someone at the Board level thought that

1 those impacts had a direct relation to water quality,
2 would that be an example of how it could come back for
3 reconsideration?
4   MS. OKUN: I don't know what a class 1 impact is.
5   MR. JORDAN: A class 1 impact is an impact that
6 cannot be mitigated, in an environmental report.
7 There's no way to mitigate it, it is a known impact that
8 there's no possible mitigation for.
9   MS. OKUN: It's hard to answer that in a vacuum
10 because I don't know what those impacts might be, but
11 whether there's an impact that's mitigable or not
12 mitigable or the Board needs to require additional
13 requirement, needs to impose additional requirements to
14 protect water quality, you can always do that.
15   Once a permit is issued, you've complied with CEQA
16 or you haven't, and 30 days or 35 days goes by. If
17 another agency undertakes a CEQA study that reveals new
18 impacts, the Board, for CEQA reasons or for water
19 reasons, doesn't necessarily have to reopen its order,
20 but if the Coastal Commission or the County requires
21 changes to the projects to mitigate those impacts and
22 those changes change the discharge or create new water
23 quality impacts they would need a different permit
24 because they --
25   MR. JORDAN: Or the inability to mitigate.

1   MS. OKUN: Right.
2   MR. JORDAN: So I guess what you're saying is
3 there's broad latitude to look at it again if for some
4 reason someone thinks it should be looked at again.
5   MS. OKUN: Yes.
6   MR. JORDAN: Thank you.
7   Thank you, Mr. Chair.
8   BOARD CHAIR: Mr. Johnston?
9   MR. JOHNSTON: I have two concerns that I suspect,
10 from listening to my fellow Board members through the
11 day, a number of Board members share with me. One is
12 the one that my colleague, Mr. Jordan, was just
13 addressing. The fact that we are fast-tracking this and
14 making sure that we don't miss stuff looking backwards
15 in the future, and, two, it's a question of permitting
16 on an emergency basis something that's potentially
17 really just long-term infrastructure.
18   I want to address those one at a time, and I don't
19 want to pontificate much here because they do end up
20 with questions.
21   You folks weren't here yesterday, most of you, but
22 as part of our drought report we got a report on the
23 activities that this Board is not doing in order to
24 focus all the staff time that we've focused on Cambria,
25 and mostly it was around landfills. There's three

1 different landfills that are awaiting our final review
2 and approval so that they can open, and the operators
3 are going to have to open them -- either wait or open
4 them at their own risk without that. The normal
5 inspections we would do of landfills to ensure they're
6 ready for the winter season we're not doing, review of
7 the semi-annual groundwater monitoring and wet-weather
8 report for some high-priority landfills, a couple of
9 other pretty major questions regarding landfills, this
10 is important stuff that's part of our work. We're not
11 doing it and we haven't done it in order to do this
12 work, because this is a priority because we realize this
13 community is in difficult situation.
14   I'm reluctant to move, as the gentleman from the
15 Coastal Commission suggested, to a one-year permit
16 because I know what that means for our staff. There's a
17 tremendous amount of staff work that goes into bringing
18 this back to us, so I guess I want to hear on that
19 question, really, from you, Mr. Harris, as to how you
20 see dealing with this as we go forward, assuming that we
21 follow the staff recommendation and issue a five-year
22 permit, and understanding the answer that Mr. Jordan
23 just got that, really, all these permits, as well as the
24 operations of maintenance and management plan, we can
25 reopen at any time. And understanding we've got a CEQA

1 presumably coming down the road, what's your thought on,
2 assuming we issue these permits on a five-year basis,
3 kind of what we're going to be doing looking at it and
4 returning to it if necessary?
5   MR. HARRIS: I think the staff has done a good job
6 of outlining the additional steps. I mean, one, we're
7 still working with the District to finalize things.
8 There are a number of monitoring reports. You know, for
9 the most part it's not going to be any different than
10 many of the other projects that we monitor and follow,
11 except that this is a little unusual in terms of the
12 potential impacts and we certainly are going to be
13 following closely over the next year to make sure that
14 the data that comes in, the actual monitoring data
15 actually lines up with the modeled information.
16   So this is kind of a first for us. It's been a big
17 learning experience, been a good experience, so we're
18 going to keep track of it just a little closer, I think,
19 than most projects to make sure that what we thought
20 actually does occur. And certainly, if there's anything
21 that occurs that raises concern, we would not hesitate
22 to bring it back, I would not hesitate to bring it back
23 to the Board for further discussion, if we felt that was
24 necessary, if we couldn't work it out.
25   I will say that Cambria has been very good and

1 their consultants, this has been done very, very
2 quickly, but they have been very responsive. You've
3 heard from them that we asked them to do a number of
4 things to strengthen the project in terms of
5 environmental protection, and they turned around and did
6 it.
7   I mean, that gopher fence, that happened in about a
8 week and a half, we started seeing problems with
9 gophers, and we did not hesitate to call them on that.
10 We brought in an expert from California Fish and
11 Wildlife on a conference call to discuss the issue, and
12 within a day or two they had the wire ordered, they had
13 the trenchers out there and they were ready to make
14 those changes. So they have been a good partner to work
15 with and my expectation is that they will continue to be
16 a good partner as we go forward. So I have a high level
17 of confidence that this project has been properly
18 designed, I think there are adequate safeguards, and, as
19 been described in a number of other, like the County who
20 will be looking at it and make some decisions and we'll
21 be following those.
22   MR. JOHNSTON: I assume when the CEQA review comes
23 out that our staff will review that as well and see if
24 that raises questions we need to return to.
25   MR. HARRIS: Yes.

1   MR. JOHNSTON: Second question is having to do with
2 the fact that while the district has stated repeatedly
3 that they are restricted to operating in a stage 3
4 drought, they have also stated that they have applied
5 for a regular off operating permit, a coastal permit,
6 and it has, of course, been pointed out as well that
7 they are the ones who define the stage 3 drought.
8   I would be curious to hear from staff your thoughts
9 on what might be prudent for us to do to include any
10 provisions, since this emergency permit may go by the
11 wayside soon regarding when this system can be
12 operating.
13   MR. HARRIS: I don't know if we -- this is my
14 personal opinion. I don't think we need to micromanage
15 community service districts. That's not our business,
16 and I think given what we think is going to happen in
17 terms of future droughts, in terms of climate change,
18 we're going to see a lot more facilities like this. The
19 State Board, the Division of Drinking Water recently
20 adopted, as you know, the regulations that allow this.
21 The next thing on their to-do list, I think has to be
22 done in about two years is direct surface augmentation
23 of recycled water. The city of San Diego already
24 embarking on that project in coordination with the
25 Division of Drinking Water, and I suspect you will see

1 legislation in the coming years that will require each
2 and every water District of a certain size recycle back
3 into the potable system some amount of recycled water.
4 I mean I think the writing for California is on the
5 wall.
6   So now I've forgotten your question. Did I answer
7 it?
8   MR. JOHNSTON: The question was your thoughts on
9 whether it's prudent and what mechanisms might be to
10 ensure this is operated only in a drought situation.
11   MR. HARRIS: I think we've got to leave that to
12 them to manage. They know their water supply the best
13 and I think that's up to them. And I think there are
14 enough safeguards in place so if there are -- or there
15 will be full CEQA and if there are environmental
16 impacts, that those will be addressed one way or
17 another.
18   BOARD CHAIR: Dr. Hunter?
19   DR. HUNTER: Thank you. I appreciate the comments
20 from the community.
21   A couple questions that I heard that maybe we can
22 come up with some answers. I heard the issue of
23 boundary and property rights raised relative to State
24 Parks. Did State Parks raise that in their comment
25 letter? Was that an issue that they brought forward as

1 a question as to whether or not those ponds -- I
2 understand that they said that the ponds cannot be
3 located on the State Parks land. Is there a question of
4 where the boundaries are?
5   MR. KOLB: Yeah, I had read that about the property
6 boundaries and I did have a discussion with Bob Gresens,
7 from CCSD, and maybe Bob can respond to that.
8   In terms of whether or not it was raised in the
9 State Parks letter, I don't believe so but I'd have to
10 go back and double-read the letter because it just came
11 last night.
12   MR. GRESENS: This is Bob Gresens, CCSD.
13   We have researched that since that was raised, I
14 believe, by Ms. Hunter. We have had those ponds there
15 since 1993 in operation, so it's never been raised as an
16 issue until recently on this project by some of the
17 public comments. We did some research, we looked at
18 when the Rancho San Simeon was formed, and actually I
19 think it was Abraham Lincoln that signed the document
20 that referred to the creek as a southern boundary of
21 that area. So our contention is it's the boundary.
22   There have been some erroneous surveys done over
23 historical time that shows boundary lines zig-zagging
24 across the creek in the wrong area. The State Parks did
25 a survey, I think, in the early nineties on this. They

1 found a problem with that zig-zagging line. One of
2 their survey notes said they were 200 feet above ground
3 surface and, of course, the creek -- meaning they're up
4 on a bluff somewhere looking down at the creek, so they
5 thought there was a problem with that old metes and
6 bounds description.
7   So there's a question there, is how would you go
8 about to straighten out this old, historic, problematic
9 survey. There's a couple of levels we can go to. It
10 has not been an issue at least since 1993 or before
11 then. We obtained the property, I think, in 1979 or the
12 early seventies.
13   One simple solution would be just to sit down with
14 State Parks and have the surveyors meet and do a
15 property boundary agreement. That would settle it. It
16 hasn't been a high priority. It hasn't been raised as
17 an issue by State Parks in the past, to my knowledge.
18   DR. HUNTER: Have you engaged in any conversation
19 relative to the emergency project over the issue of
20 boundary?
21   MR. GRESENS: I have asked them if they were
22 surveying it and I didn't get a response back, you know,
23 in recent time, but it really hasn't been raised to us
24 directly as this is a burning issue that we want to
25 resolve.

1   DR. HUNTER: Well, I'm aware that State Parks is
2 pretty clear about allowing certain uses on their
3 property and so I -- you know, if that had been raised,
4 if there was a question about it, I would urge that you
5 pursue that conversation, calling State Parks and
6 finding out if they are doing a survey and see if that
7 survey would be available to assure the community that
8 there are no issues, that the investment of this
9 project, the time and effort going into it, that you're
10 actually installing this on CCSD property.
11   MR. GRESENS: Well, the facilities being installed
12 as part of this project are not in that questionable
13 area. What was pointed out were existing facilities
14 that again, were installed back in the early nineties,
15 but I want to let our general manager speak on it. He,
16 obviously, has more information.
17   MR. GRUBER: I'm Jerry Gruber, general manager.
18   It is the District's position that this project in
19 its entirety is on our property and the creek is the
20 boundary. And I go back to Bob's comment about when it
21 was first designated as that. My personal feelings on
22 the matter is that it was brought up to -- like many
23 other things, to slow the process of the project and to
24 bring into question whether the land is actually ours or
25 not. So our position, our Board's position, the CCSD's

1 position is that that project in its entirety is on our
2 property and the boundary line is the creek.
3   DR. HUNTER: Yeah, I just wanted to clarify if you
4 were indeed in dialog with State Parks, if there was any
5 dispute that they were seriously engaging in resolving,
6 and if you're telling me that you haven't had that
7 conversation with State Parks, it wasn't in the letter
8 that they wrote, then I'm satisfied that that's not an
9 issue. I just wanted to be sure.
10   MR. GRUBER: Thank you. And we will reach out to
11 them. It's been kind of hectic and chaotic lately, but
12 it hasn't been something that Mitch brought to my
13 attention and Nick and I have a relationship where he
14 can pick up the phone and say, "Hey, Jerry," and then I
15 won't say that his campground is on my property, so we
16 can just -- we'll call it a day. So thank you.
17   DR. HUNTER: Thank you for bringing it up.
18   MS. OKUN: This is something that the Board doesn't
19 really need to resolve, the District and the CCSD can
20 work it out. But even it turned out that they were
21 operating on Parks' property and Parks asserted
22 ownership rights and tried to kick them off the
23 property, that just means they can't operate the
24 facility anymore.
25   DR. HUNTER: Yeah, I understand that, but I heard

1 creek and then there were permitting issues with that in
2 terms of Army Corps and also 401 certification.
3   DR. HUNTER: Right.
4   MR. HARRIS: Horizontal drilling is done all the
5 time, as you know, and it's the least disruptive unless
6 they hit one of those gophers or something. You know, I
7 don't think there was any environmental impact and I
8 think that would be our preferred approach.
9   BOARD CHAIR: You notice that our executive officer
10 does not like gophers.
11   DR. HUNTER: My last question is, when you first
12 engaged with the District, was this the only project
13 that came forward or were there other projects or other
14 options that were involved in the early dialog with the
15 District, the staff may have looked at and commented on?
16   MR. LODGE: In terms of the Title 27 surface
17 impoundment, this was the only project they brought
18 forward to us. There were discussions that disposal
19 that Mr. Harris alluded to earlier, potentially going to
20 an ocean outfall out of San Simeon Community Services
21 District.
22   DR. HUNTER: I recall then about, I don't know,
23 about a month and a half ago or so a letter was
24 submitted from a community member with information about
25 alternative water sources that would avoid the necessity

1 the question and seemed like something that we could
2 clear up and so, you know, if somebody had information
3 about it, I think what we heard is that there is no
4 dialog and Parks is in communication, and that's all I'm
5 trying to understand.
6   The other question I heard was regarding pipes
7 being installed under the creek and can staff comment on
8 that.
9   MR. LODGE: This is Ryan Lodge, Water Board staff.
10   There are two pipes. This is Van Gordon Creek that
11 goes from north to south. There are two pipelines, one
12 is the brine line that goes to the surface impoundment
13 and the other pipe is the mitigation water to San Simeon
14 Creek. The District did horizontal drilling and
15 installed the pipes under the creek so that they
16 wouldn't impact the creek itself or have impacts within
17 the riparian corridor of the creek, so those are the
18 pipes that they are referring to.
19   DR. HUNTER: So under normal conditions, not under
20 emergency conditions, would that be the appropriate way
21 to install pipes under a creek or was the design of that
22 determined by the emergency status?
23   MR. LODGE: I believe the District would need to
24 answer that question. There were permitting issues that
25 I think originally they were going to trench through the

1 to build an emergency project, and I know that it was
2 submitted to the staff to review. I never heard any
3 comment about it so I'm just curious if that was
4 something that was factored in to any of the discussions
5 or if any staff responded to that letter.
6   MR. KOLB: This is Howard Kolb, Water Board staff.
7   Previous staff, David LeCaro did look at some
8 alternative studies but as far as the permitting for
9 this particular event, this was the project that was
10 submitted. We didn't discuss the other alternatives.
11   DR. HUNTER: So it's too bad for us David is gone
12 so we can't explore that.
13   Then the last thing I have is, you know, I
14 understand, Mr. Harris, the view of standing back and
15 not taking an approach of micromanaging but it does
16 concern me a little bit that -- is there any definition
17 of stage 3 that's kind of common to the County or to the
18 region, do we understand how those things get defined?
19   MS. OKUN: Stage 3 emergency is a term from the
20 District's municipal ordinance. The District declared a
21 state of emergency under Water Code section 350, I think
22 beginning in 2001, which allows water operators to
23 declare a state of emergency if they have an inability
24 or a threat of inability to meet current and future
25 water supplies, and as part of that they can define

1 stages of emergencies, and I do have the definition that
2 I need to pull up in one of these 40 documents I have
3 open in my computer or if the District can rattle it off
4 the top of their heads, but I do have the definition
5 here if you'd like it.
6   DR. HUNTER: That would be helpful because I think
7 there's an implication in a number of comments that this
8 is kind of an arbitrary, kind of perpetual designation
9 that's up to the Board without -- I just didn't hear any
10 criteria from the Board on what that meant.
11   MS. OKUN: It is the Board that declares the stage
12 3 emergency, but it's based on the definition in their
13 ordinance, and --
14   DR. HUNTER: Okay.
15   MS. OKUN: The CCSD board.
16   DR. HUNTER: So there are specific criteria, then,
17 that would characterize a stage 3 condition?
18   MS. OKUN: Yes.
19   MR. HARRIS: Bob, did you have a --
20   MR. GRESENS: I wasn't sure where the question was
21 going. I can try to elaborate if you wish.
22   DR. HUNTER: No, no, I'm just trying to understand,
23 if in any of the project descriptions or any of the
24 permit language, if we understand how stage 3 is
25 defined, how is it characterized.

1   MR. GRESENS: I can speak in general terms about
2 what our ordinances entail. Essentially we have three
3 stages and roughly it depends on what the goal is to
4 reduce the water consumption by in the community.
5   Stage 1, I think the goal is about a 6 to 9 percent
6 reduction and it's largely voluntary, stage 2 is about a
7 15 percent reduction, and stage 3 is an approximately 50
8 percent reduction. Stage 2 and 3 are accompanied by
9 penalties for overuse, where stage 1 is not. So that's
10 the gist of my memory on our overall intent of our code.
11 I'm sure we can look it up online and get you --
12   DR. HUNTER: That's very helpful. It gives me some
13 specifics to understand what that actually means.
14   MS. OKUN: I found the code section. There are
15 three circumstances in which the District can declare a
16 stage 3 emergency. The first is if at any time results
17 of the water supply and demand model indicate
18 groundwater levels to be insufficient to provide water
19 for human consumption, sanitation and fire protection;
20 or if at any time water delivery capabilities are
21 impaired such that the water supply or delivery system
22 is in capable of providing sufficient water for human
23 consumption, sanitation and fire protection; or if at
24 any time the Board of directors finds and determines
25 that the ordinary demands and requirements of water

1 consumers cannot be satisfied without depleting the
2 water supply of the District to the extent there would
3 be insufficient water for human consumption, sanitation
4 and fire protection. So basically it's a water outage.
5   DR. HUNTER: Thank you very much.
6   BOARD CHAIR: Thank you.
7   On my left, Mr. Jeffries?
8   MR. JEFFRIES: I don't have any questions at this
9 time, Mr. Chair, but I would like to reserve the right
10 to ask a question after staff has made their final
11 comments, if necessary.
12   BOARD CHAIR: Okay.
13   Mayor Delgado?
14   MR. DELGADO: Yes, very briefly. I do take
15 seriously Tom Luster's, the Coastal Commission letter
16 and State Parks letter, so my question to staff is how
17 onerous would it be if our motion today included that in
18 about a year we would have staff give a somewhat
19 informal update -- you know, the environmental impact
20 report has been completed, the project has been
21 implemented, we haven't heard of any issues -- just to
22 give the Board a chance to hear an update and decide at
23 that time whether or not the Board wanted to do anything
24 else.
25   MR. HARRIS: I don't think we have to put it in the

1 order or anything. I think if that's the Board request
2 I'll ask the clerk to the Board to put that on the
3 calendar as a discussion item. You know, we have a
4 one-year calendar, a running one-year calendar for Board
5 items. She can put that on for November of next year.
6 We'll put that down as a discussion item and we'll come
7 back to you with just an update on the project. We can
8 ask the District to come back and just give a brief
9 update on how things are going, and if it hasn't rained
10 by then we probably won't be here, but hopefully it does
11 and we can come back and get an update.
12   MR. DELGADO: My only other follow-up to that is
13 before that update happens, just want to confirm because
14 I think we've heard a few times today that if the staff
15 or the Board or the public finds anything of serious
16 nature that they think needs to be reviewed, that can be
17 done any time.
18   MR. HARRIS: Correct. So let me ask, is that
19 something the Board would like me to agendize for like
20 next November as an update?
21   BOARD CHAIR: I suggest we make it an informational
22 item for next year.
23   MR. HARRIS: All right.
24   Miss Olson, would you do that, please.
25   MR. JOHNSTON: As far as the November meeting, I

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1 would think we would want to do it -- we don't want to
2 do in Watsonville.
3 MR. HARRIS: I don't think November is in
4 Watsonville. I think September is Watsonville.
5 BOARD CHAIR: It's here, based on my notes.
6 Mr. Young, any question?
7 MR. YOUNG: Mr. Harris, under the worst-case
8 scenario, we go down a year from now, two years from
9 now, the environmental review has been completed, we
10 have more testing, monitoring results, what would be the
11 environmental impacts that you or staff would think
12 might arise to be problematic, the ones we thought would
13 be, you know, livable, anticipated, and then, you know,
14 those that just turned out to be more negative and more
15 intractable than we predicted?
16 MR. HARRIS: Using the famous phrase "Do you want
17 me to speculate" --
18 MR. YOUNG: I'm going to rephrase that for you.
19 MR. HARRIS: Let me do one thing.
20 MR. YOUNG: I would like your best professional
21 estimate.
22 MR. HARRIS: I'm getting punchy, you can tell.
23 I'm going to ask staff to comment on this, too.
24 I'm a very practical person and if the drought
25 continues, you know, how do we weigh providing the

1 public with a source of drinking water and how do we
2 weigh that against environmental impacts? That's a
3 tough question. We may face that at some point, and I
4 can't answer it.
5 I don't think, when push comes to shove, you can
6 deny a community of 6,500 people water unless we park a
7 nuclear-powered baby ship off the beach to provide
8 drinking water. I mean, if people don't have water
9 their houses get red tags, they have to move. How many
10 are you going to house in Santa Barbara?
11 MR. YOUNG: My question really is, forgetting about
12 the other side of this, what are the environmental
13 impacts that you think might be problematic?
14 MR. HARRIS: I'm going to ask the staff and the two
15 gentlemen here who are the experts to answer your
16 question.
17 MR. YOUNG: So we have an injection well, we
18 already anticipate -- estimate that we are going to have
19 some elevated nitrates and some salt. Anything else,
20 can you anticipate anything else going wrong with that
21 injection?
22 MR. KOLB: Yes, this is Howard Kolb, staff.
23 You have to consider a variety of issues and let's
24 start with the injection. Right now, the plan is
25 projected to three to six months per year and the

1 nitrates in the neighborhood of about 2.3, sodium is
2 about 60, chlorides around 70, total dissolved solids,
3 if my memory serves me, about 240, and sulfates around
4 6. So total dissolved solids and sulfate associated
5 with the injection water are lower than the existing
6 groundwater, so that won't be a problem.
7 The nitrate is 2.3; in the groundwater right now
8 it's .8. Sodium is around 60 in the injection; right
9 now in the groundwater it's around 20. Chloride is
10 around 65, 70, and in the groundwater it's around 20.
11 So you will see some -- and again we're talking six
12 months, hopefully there will be some influence during
13 the winter so you would see degradation to those
14 constituents during the time of operation, and that's at
15 the water supply wells, but that water will be higher
16 quality than what they are currently pulling from 9P7,
17 so the part that goes down gradient will actually be
18 contributing to better water quality, potentially.
19 Now, that said, you're going to be potentially
20 drawing more brackish water in so you can see some
21 elevated TDS, and I don't really know what all the
22 constituents are associated with that brackish water.
23 We do have a monitoring program for 9P7, which is the
24 extraction well, so we'll be monitoring that so, and
25 then potentially draw down on the lagoon even though

1 they're putting in 144,000 gallons a day, if you're in a
2 real drought situation there would be a reduced base
3 flow so you might see some dropping of the lagoon levels
4 and things like that.
5 Also, you might see an increase in the percentage
6 of the effluent that is contributing to the supply water
7 in 9P7 because that's a steady source, it's -- yes, it's
8 a half million gallons a day, it goes from the water
9 supply wells, goes through the community, comes to the
10 treatment plant and is re-discharged back into the
11 percolation ponds, and if that becomes a more dominant
12 source of supply for 9P7, the nitrate currently in that
13 is running at about an average of 27 milligrams per
14 liter, the total dissolved solids in that are running
15 around 700 to 800, sodium and chloride are both
16 elevated.
17 Now, in terms of long-term potential projects,
18 Cambria is also looking at nitrogen reduction for the
19 wastewater treatment plant so that will get at part of
20 it. If we went through a protracted three, five, eight,
21 ten years of drought, yeah, we'd be looking at some
22 serious environmental issues, but I think we'd be
23 looking at that across the entire region, not just
24 Cambria.
25 MS. OKUN: Just to separate out the CEQA emergency

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issues from these types of impacts, these are the
things -- this is the kind of reporting we require
anyway, the requirements we impose anyway, and the
follow-up actions we would take even if there were no
emergency and the EIR was already completed.
    I think there's been a lot of confusion among the
public and for us, too, because this is not the way we
usually do things. But the fact that there is not yet
an EIR is a different issue and information that may
come up through the CEQA process may be other
information, but everything Howard is talking about
would be exactly the same even if the EIR were already
completed.
    MR. HARRIS: And not joking, we're in uncharted
territory. We've never been here before. And look at
the Central Valley, the subsidence is increasing again,
and we've got some real severe impacts all over the
state right now and look at the shape of the Delta as we
try to balance water needs and environmental needs.
    MR. KOLB: And not to put myself on the spot, but
we will be -- we're projected to bring the San Simeon
Creek TMDL before the Board next spring, and that should
discuss groundwater, surface water, environmental
condition.
    BOARD CHAIR: I'd like to move this process along

and at this time I would like staff and Mr. Harris to
bring your concluding remarks and then have a final
deliberation from the Board and then, hopefully, we can
make a decision on this item.
    MR. HARRIS: So Howard and Brian, do you have
anything further to say? All right, stay up there for a
second.
    I want to say that I really appreciate the Cambria
community, the appreciation for the work that your staff
has done. I think this has been a project that shows
what a great staff you have working for you. It's been
a pleasure working with Division of Drinking Water, it's
a new thing for us in terms of the close relationship,
but I think it's very positive and sets a good pattern
for the future.
    And finally, the two gentlemen in the white shirts
who kind of look alike, they deserve very special
recognition and a very special thanks. Sacramento --
because they could not get everything done during the
workweek, Sacramento authorized overtime for them, which
is not easy to do, and they literally have been working
nights and weekends to get here today and literally
write up -- you heard Howard say, "Well, it came at
10:00 last night I couldn't look at it."
    But literally these guys have been working day and

night to make this happen, right up to the very end.
They certainly deserve special recognition.
    BOARD CHAIR: Thank you.
    So in bringing this matter to deliberation and
conclusion, you know, I reflect a little bit on
everything that has been said, and when some of my
colleagues expressed concerns over the definition of
emergency, I think we got some clarification from the
District.
    We need to remember that, really, we have
emergencies on three levels. The Governor declared an
emergency for the State of California, the County of San
Luis Obispo Board of Supervisors declared an emergency,
and Cambria, so, you know, we do have some solid
triangulation there.
    In regard to the recycled water component, and I
think Mr. Harris pointed to that earlier, it is actually
becoming more of a mandate from the State Board, is to
pursue recycled water projects, and the term
"wastewater" is going to be a term of the past, you
know, in years to come.
    I think what is very important for all of us to
recognize and keep in mind is that I think there's
flexibility to revisit these issues so this is not a
final irreversible decision we make. At any time, and

correct me if I'm wrong, Mr. Harris, but if we do find
issues, we can bring them forth and we certainly do not
have to wait for the informational item of 2015,
November, to address it, so I think we're in solid
grounds there.
    I think also that when you said we are in uncharted
territory, yes, with some of the recent legislation that
passed, I think this is sort of the new world of water.
I would say this project, both technically and from a
regulatory standpoint, is leading edge, but I don't
think at all we're into the bleeding edge on this
project. It's well thought out.
    So that those are my observations and I certainly
would now like my colleagues to bring forth to a
conclusion this item.
    MR. DELGADO: I'd like to make a motion for No. 20
that we adopt the revised waste discharge requirements
order number 01-100 and we issue a waste discharge
requirement and water recycling requirements ordered
number R3-2014-0050 for the Cambria Community Services
District.
    MR. JEFFRIES: Second.
    MS. OKUN: I have a couple of minor changes to two
of the orders, not 01-001, and they are mostly technical
changes but I need to read those in the record and if

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1 you want to take a break I can have Tammy print them
2 out.
3   BOARD CHAIR: I would suggest you read them while
4 we're on a roll here.
5   MR. DELGADO: My motion is just about R2-2014-0050,
6 since you said that you didn't have any edits to 01-100.
7   MR. HARRIS: That brings up a good question.
8 Should they adopt each order individually or should she
9 adopt them as a group?
10   MS. OKUN: You can adopt them as a group. One of
11 the changes is to one of the CEQA findings that will
12 apply.
13   BOARD CHAIR: I like a package deal.
14   MR. DELGADO: So the package deal, is that
15 referring to Items 20 and 21, Chair, or just 20?
16   MR. HARRIS: I believe it's both. Can they vote
17 for all three orders at once?
18   MS. OKUN: Yes. Yes, and if there's some reason to
19 separate them, we can deal with that.
20   MR. DELGADO: So tell us your suggested edits and
21 then I'll modify my motion to include the third order.
22   BOARD CHAIR: I would like to include all three,
23 please. So when you second, that's encompassing all
24 three?
25   MR. JEFFRIES: Yes, absolutely.

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1   BOARD CHAIR: Just want to make sure. All in
2 favor --
3   MR. JEFFRIES: Wait, wait.
4   MR. HARRIS: She has to read corrections into the
5 record.
6   MR. JORDAN: The looking seems to be going to the
7 left down there, that we are just offering a motion and
8 a second without discussion.
9   I also found it a bit odd that we started off the
10 process with an editorial from the chair as the first
11 set of comments after questions, that all was well and
12 we should just make these adoptions, so I would request
13 that we slow down a little bit and offer a chance for
14 discussion after the motion and second.
15   BOARD CHAIR: Okay. My apologies if it was viewed
16 that way. I certainly do welcome any comments, and I
17 was expecting when a motion was made that if there were
18 any comments to include those at that time, so I that
19 thought that was the due process. So certainly in an
20 abundance of fairness, please go ahead and include
21 your --
22   MS. OKUN: If I can just say, I can either read
23 these changes before or after the deliberations. I want
24 to make sure they are part of the ultimate motion that's
25 voted on, but I can do it all at once. If something

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1 that comes up that requires additional changes --
2   BOARD CHAIR: I'd like this to be done before
3 deliberations.
4   MR. HARRIS: I agree. Let's allow Lori to do her
5 work and then the Board members may comment.
6   MS. OKUN: And the first one is on page 1800050.
7 It's paragraph 43, and rather than reading the red-line
8 strikeout, I'm just going to start reading the page.
9 The first sentence ends with the word -- the second
10 sentence ends with the word "basin," and then, from
11 there, the rest of the paragraph would read:
12   "This Order is consistent with Resolution No.
13 68-16 (Anti-degradation policy). Groundwater recharge
14 with recycled water for later extraction and use in
15 accordance with the Recycled Water Policy and State and
16 Federal water quality laws is to the benefit of the
17 people of the State of California. Nonetheless,
18 groundwater recharge projects using recycled water have
19 the potential to lower water quality within a basin.
20 This Order is in the maximum benefit to the people of
21 the State because it will assist the Discharger to
22 maintain drinking water service for existing development
23 by recharging the groundwater supplies, in part by using
24 recycled water, and thus ensuring adequate drinking
25 water supplies during times of drought. There is no

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1 evidence that the project will result in costs to
2 affected users that outweigh the need for the project.
3 As described in the findings herein, the CCSD is
4 implementing the best practicable treatment or control
5 of the recycled water to be injected into the basin for
6 groundwater recharge. Compliance with this Order will
7 protect present and anticipated beneficial uses of the
8 groundwater, ensure attainment of water quality
9 prescribed in applicable policies, and avoid any
10 conditions of pollution or nuisance. Although this
11 Order may allow some degradation to water quality, it
12 will not cause exceedances of applicable water quality
13 objectives for the basin. Thus, the Regional Water
14 Board finds that, based on available information and
15 monitoring data, any change in the existing high quality
16 of the groundwater basin as a result of groundwater
17 recharge allowed by this Order will be consistent with
18 maximum benefit to the people of the State, will not
19 unreasonably affect beneficial uses, and will not cause
20 exceedances of applicable water quality objectives for
21 the basin."
22   Those are technical corrections that are consistent
23 with the discussions you had today.
24   The next change is to the CEQA findings based on
25 the CEQA emergency and this is for all three orders.

1   The current CEQA finding regarding the CEQA
2 emergency exemption includes a reference to Title 14,
3 California Code of Regulations, section 1526 (c), and
4 then there's a closed bracket, and then I would modify
5 the rest of that paragraph so it reads:
6   "The basis for the exemption is that the
7 Discharger's water situation is dire. The District
8 currently has less than a six-month drinking water
9 supply. The Emergency Water Supply Project will avoid
10 potentially disastrous consequences from not having
11 adequate water for health, safety, sanitation, and fire
12 protection. These impacts are likely to occur in the
13 very near future and continue as long as drought
14 conditions persist. The project is necessary to prevent
15 or mitigate a water shortage emergency, prevent seawater
16 intrusion that could make current supplies unusable, and
17 will otherwise mitigate the effects of the drought
18 emergency declared by the Governor and emergencies that
19 result from future critical water shortages."
20   And there are two minor changes to order 0047, the
21 Title 27 order. The first is in paragraph 10. It
22 currently states that the executive officer finds that
23 the performance of the alternative liner systems are
24 equivalent. This is the Board's order so just strike
25 the "executive order finds that" and start that sentence

1 with "The" and "it's the Board's finding that's required
2 under Title 27."
3   And similarly at the top of page 3, rather than
4 having staff making findings it would say "Water Board
5 staff has evaluated the proposed alternative period.
6 The alternative meets the Title 27 requirements." And
7 then it would continue, and I'll provide copies of these
8 to staff so they can finalize, and to court reporter.
9   BOARD CHAIR: The question that I have to the
10 Board, would you like to see a hard copy of this or are
11 you okay with the clarification provided by counsel?
12   MR. DELGADO: I'd like to read my modified motion.
13   MR. HARRIS: I think you wanted to allow Board
14 members to comment before we move on, is that correct?
15   MR. DELGADO: There's a motion on the floor and so
16 I would like to modify that motion and then we can go to
17 discussion.
18   So as proposed by staff and verbally modified by
19 legal counsel, I motion that we adopt the waste
20 discharge requirement order number R3-2014-0047 with the
21 monitoring and reporting program number R3-2014-0047,
22 and that we adopt the revised waste discharge
23 requirements order number 01-100 and issue the waste
24 discharge requirements and water recycling requirements
25 order number R3-2014-00550 for the Cambria Community

1 Services District.
2   MS. OKUN: Staff also has some supplemental sheets
3 that need to be included in that motion, and there is
4 one additional change that staff would put up on the
5 screen. There's been some discussion about endangered
6 species. This Board doesn't have the authority to
7 authorize a take and is not authorizing a take in these
8 orders, so there's just a finding to make that clear
9 which states "This order does not authorize any act that
10 results in the taking of a threatened or endangered
11 species or any act that is now prohibited or becomes
12 prohibited in the future either under the California
13 Endangered Species Act, Fish and Game section code 2050
14 to 2097, or the Federal Endangered Species Act, 16 USCA,
15 sections 1531 to 1544. This order requires compliance
16 with requirements to protect the beneficial uses of
17 waters of the state. The discharger is responsible for
18 meeting all applicable requirements of the Endangered
19 Species Act.
20   I'll let staff specify which supplemental sheets
21 they have that need to be included, and you don't need
22 to reread your motion, Mr. Delgado, we can just say what
23 you said.
24   BOARD CHAIR: So discussion?
25   MR. JEFFRIES: We have a motion and second on the

1 floor. There's been some modification to the first. I
2 have not modified my second yet. So once we do that,
3 then you can have comment.
4   MR. DELGADO: I'm not going to modify it a third
5 time until we hear the rest of --
6   MR. HARRIS: The reason there's a little bit of
7 confusion going on is recognizing we were doing this
8 right up to 5:00 o'clock. I mean this stuff has been
9 ongoing all the way to the end, so it's very unusual.
10 So I apologize for that.
11   MR. JEFFRIES: What supplemental sheets does the
12 staff want?
13   MR. KOLB: This is Howard Kolb. For Item No. 20
14 there were two supplemental sheets included with your
15 package and I just ask that both supplemental 1 and
16 supplemental 2 be amended into the order.
17   DR. HUNTER: You're referring to attachment with
18 Table No. 3?
19   MR. KOLB: Yes.
20   DR. HUNTER: And you're referring to 01 -- order
21 01-100, findings related to amendment to discharge
22 specifications 8.5?
23   MR. KOLB: Yes.
24   DR. HUNTER: Yes.
25   MR. LODGE: This is Ryan Lodge, one of our staff.

     For Item 21, there's a supplemental sheet which
should be included in the record without attachments 1
and 2. Oh, sorry, attachment 1 is included, attachment
2 is not included.
     MR. JOHNSTON: That's just included in the record,
not included in the motion?
     MR. LODGE: Correct.
     MS. OKUN: Yeah, we're just looking at anything
that changes the language in any of the three orders.
     MR. JOHNSTON: So those are already in the record.
     MR. DELGADO: So I'll modify my recently modified
motion to include on the screen what was verbally read
by our legal counsel regarding Endangered Species Act
and to include, for Item No. 20, which is order No.
R3-2014-0050, Table 3, "Water Quality and Product Water
and Water Waste Streams," and the "Findings Related for
Discharge Specification" 8.5 added today for order No.
281 R3-2014-0050, which is also Item 20.
     I don't think there was anything more to add to
that motion regarding item 21, was there? That's the
modification to the motion.
     MR. JEFFRIES: Second the changes.
     BOARD CHAIR: Mr. Jordan?
     MR. JORDAN: Thank you for the opportunity to put
some words in before the call for a vote.

     I'm going to support both the motions. It's not a
question in my mind, but what is important to me is,
based on the types of questions I asked and the answers
that I was given or not given, was at least verbalizing
why I can get to supporting the motions.
     I still have extreme concerns about what this
project actually entails, both the extent of sort of the
cloud of the operations and the lack of an EIR.
     I'm a little distressed that the City or the
County, whichever is more appropriate, doesn't have a
prohibition on new development at the same time, in
their drought stage, as they are asking for these -- or
getting or asking for these concessions in the process.
     The correct answer to Dr. Hunter's question is that
each community sets the consequences of their drought
stages by that community. The City of Goleta, as an
example, in their drought stage they actually use the
"M" word, "moratorium." They will not now actually
allow a new water hookup in the city of Goleta, and
there was a threshold that had to do with deliveries
from State Water or Lake Cachuma that actually drove
that. That's how specific they were. So it concerns me
a little bit that they're leveraging the drought,
leveraging the emergency status, but there's no real
prohibition on new development and net new water gain.

     On the other hand, why I can get there is staff's
response repeatedly -- or as I understood staff's
response, that if the drought wasn't involved here that
they would still site and operate -- approve the site
and approve the operation regardless of the drought,
that this would still meet our requirements, it would
still meet our groundwater protection mission, and
that's pretty convincing, along with the Division of
Drinking Water's total buy-in on the injection process
and the reuse. They seemed pretty adamant.
     And I'm really confident in our staff's ability to
follow this as we've talked about over the course of the
next year and keep an eye on the progress or lack of
progress and the results of any EIR that gets done, and
I have a great amount of trust in staff and our
executive team to bring this back to the Board if they
see anything go awry, so I'll be happy to support the
motions.
     BOARD CHAIR: Thank you.
     Mr. Johnston?
     MR. JOHNSTON: I'm a little disturbed by how often
I find myself agreeing with Mr. Jordan today. You try
not to come into these kinds of issues with any sort of
preconceptions about where you're going, but I would
have frankly anticipated pushing for a shorter time on

the order and share Mr. Jordan's concerns about this
being essentially infrastructure improvement made easier
by a drought emergency.
     My concerns about the first are, frankly, resolved
by my confidence in our staff. I was satisfied by
Mr. Harris's answer, and even were this not a question
we had put so much work into, this is a new thing. This
is something we're going to be paying attention to.
     And, frankly, my concern about the second is
mitigated by the fact that, as Mr. Harris stated, this
is someplace that we're going in the state of
California, where we're going towards figuring out how
to take treated effluent and put it back into our
potable water supply, and some of you folks are more
thrilled than others about being the guinea pigs on
this, and there are certainly going to be all sorts of
consequences, some of them unintended to it, but, you
know, this is something that's necessary for us to do,
moving forward on a statewide basis, and so I'm going to
support the motion.
     BOARD CHAIR: Dr. Hunter?
     DR. HUNTER: Thank you. I appreciate the comments
from Mr. Jordan and Mr. Johnston, and, pretty much, that
covered the issues, and I agree with their perspective
on this. I do have confidence that staff will track on

this.
    You know, I would only kind of reel back in on guinea pigs. I don't think so. I think the Division of Drinking Water in their analysis, they are bringing a lot of effort and work that's been going on for a number of years now by the State, so I think the issue of recycled water and the safety of it is something that is pretty well defined at this point.
    I think what might be in question is, you know, the actual design of the system itself, how it's going to actually function as in terms of the way in which the layout of the system and then the transport time and so forth are things we're going to be looking at, as well as any contaminants that might start to show up in groundwater that we didn't anticipate the pace or the rate of how those might accumulate, but I think those are things that are covered by the monitoring program.
    I would have liked to have seen a shorter time on the order, frankly, because it is uncharted territory, but I also recognize and in reviewing the materials and taking into account of all the comments today that these are not simple processes to undertake, and to see our staff authorized for overtime is, as Mr. Harris put it, very unusual, but not something we want to see as a normal way of operating and handling the urgencies and

priorities that we're trying to address on a daily basis. So I really appreciate, I wasn't aware of how much time. I think staff is really pulling hard to get this done, but I didn't realize how much time you'd given it and I recognize that that's not something we can sustain, that's a once in a rare time kind of thing, so I have to rethink that five-year period.
    But I appreciate Mr. Delgado's raising the issue of looking at it closely again in one year. We should have some good data by then and we'll be able to have the tracer study done, and if anything in the interim comes up I know that we'll hear from the executive officer. We have many ways in which the staff and the Board communicate. Often it's through the EO's report. I urge you all in the community to -- the staff reports are available in advance of the hearings and often -- sometimes we get updated on important issues in the executive officer's report, and I'll tell you right now that typically by the time we get to it there's nobody left in the room. So it's not easy to sit through the whole meeting to get to the EO's report, and understand what issues he's raising for us to be aware of and consider. So that would be another way, another avenue, another conduit of information that you might be watching for.

    The last point I just want to reiterate, I would sure like to see the City of Cambria entertain no further hookups. I think the moratorium on building at least until you get your Army Corps project underway and on a path to a more permanent sustainable water supply, that, to me, seems like a common sense. So that's my view and I'll reiterate what Mr. Jordan said.
    So with that I'm going to support the motion. Clearly there's a need for a response to the emergency situation for Cambria, and I'll watch for information from the staff on how it's going.
    BOARD CHAIR: Thank you, Dr. Hunter.
    Mr. Jeffries?
    MR. JEFFRIES: I really don't have any comments. I had a lot of comments when I came this morning, on this particular item, and I was really right on the fence, fifty-fifty on the issue, but I appreciate the staff's report and I appreciate the CSD's consultants and the information they provided us.
    This is something new for us. It's going to be a pilot. This is not going to be the last one, and so consequently, as I said, my job is to make sure you folks have drinking water, good drinking water, and I think this is one way of doing it and I stand by my second.

    BOARD CHAIR: Mayor Delgado? Mr. Young?
    MR. YOUNG: I give the residents of Cambria a lot of credit. I think having reduced your water consumption to 50 gallons per person per day is remarkable. I think if you came to me just because you wanted to get some more water so that you could go up to 75 gallons a day, I'd say sure.
    To me, let's not lose sight of the forest here. They're using their own water. I think they have done a good job in explaining how it's going to be treated, recycled. I think it's exemplary.
    Some of the comments that I heard that I just want to address. Whether this promotes growth or not is not our issue, it's not our purview. You can take that up with the County, you can take it up with the Coastal Commission, but it's just not for us. We focus on water quality impacts and we defer to the health effects of the drinking water at this point in time.
    Drinking water weighed in unconditionally. That's off my list. I'm not concerned about the drinking water.
    The groundwater impacts, there may be some, they are going to be negligible. Worst-case scenario -- that's why I asked Mr. Harris to give me the worst case if the shoe drops, and in which Mr. Kolb weighed in.

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1   I'm not worried about the nitrate going up as little as
2   it might go up, and I'm not worried about the salts
3   going up. It's a trade-off. The water is getting
4   cleaned up to a great degree with other constituents and
5   so the water is being enhanced in that regard.
6   As to the evaporation ponds, the permit says the
7   mist is not supposed to leave the pond perimeter. Okay,
8   what if it does? Well, we have all of these what if
9   this happens or that happens. The permit is designed to
10   catch the consequences when they happen. We can open up
11   the permit again whenever we want it, it's a State
12   permit, not a Federal permit, and we've got lots of
13   people looking at to see what's going to happen who are
14   going to jump on it and we'll do something about it.
15   It's not supposed to occur. If it does, we'll act
16   appropriately.
17   You know, as to whether there is an emergency or
18   not, to me it's not that significant in my analysis of
19   everything. The Governor has made his proclamation and
20   he's essentially paved the way for this, but I think
21   there's enough of a demonstrated desire to have a more
22   reliable source of water in this community and I think
23   that that's the overriding issue for me. Any potential
24   environmental impacts are negligible and we can address
25   them when they arise, so I am voting for the motion.

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1   BOARD CHAIR: So as part of my fellow Board
2   members' input and comments, you know, mine is very
3   succinct to the fact that we do have flexibility in the
4   permit. So if we do see issues, I have full confidence
5   that staff will address it.
6   I do echo comments made earlier about the community
7   coming together, and I think although some of the
8   messages to the podium in some cases were different from
9   one to the other, but you were here at the podium and
10   you were here today because you care about your
11   community, so thank you. You certainly deserve a lot of
12   recognition for that.
13   Also, in terms of the various agencies, regulatory
14   agencies that have worked on this project, and staff, I
15   think this is a good example where we're having a
16   slightly different role from being regulators to
17   facilitators, so we have helped facilitate this project
18   which most likely would not have been able to be
19   achieved by the Community District without these
20   facilitations and help that we have provided.
21   So I think this is a bit of a significant moment
22   because often we are here as the regulators and that
23   sometimes translates into being regulators equal
24   troublemakers, but I think in this case we're
25   facilitators, so I will also support the motion.

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1   So any question?
2   All in favor?
3   ALL BOARD MEMBERS: Aye.
4   BOARD CHAIR: Opposed? None. Motion passed.
5   Thank you very much for your patience.
6   We'll take a 15-minute recess, so we'll reconvene
7   at five minutes to 4:00.
8   (Proceedings concluded at 3:40 p.m.)
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