

BEFORE THE LOS ANGELES DEPARTMENT OF WATER AND POWER
STATE OF CALIFORNIA

Public Meeting in the Matter of:)
)
PROPOSED PLAN FOR INTERIM REMEDIAL)
ACTION.)
_____)

TRANSCRIPT OF PROCEEDINGS
North Hollywood, California
Wednesday, January 4, 2017

Reported by:
JOHN PHAM,
CSR No. 14150

Job No.:
13424DWP-COR(2)

1 APPEARANCES:

2 The Facilitator David Vela
3 Senior Public Relations Dawn Cotterell
Specialist

4 Public Speakers Evelyn Cortez-Davis
5 Nadia Parker

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16 TRANSCRIPT OF PROCEEDINGS, taken at
17 12311 Vanowen Street, North Hollywood,
18 California, commencing at 6:00 p.m. and
19 on Wednesday, January 4, 2017, heard before
20 the LOS ANGELES DEPARTMENT OF WATER AND POWER,
21 reported by JOHN PHAM, CSR No. 14150, a
22 Certified Shorthand Reporter in and for
23 the State of California.
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1 I N D E X

2 PUBLIC SPEAKERS: PAGE
3 Evelyn Cortez-Davis 7
4 Nadia Parker 45

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1 North Hollywood, California, Wednesday, January 4, 2017
2 6:00 p.m.
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5 MR. VELA: Good evening. Thank you everyone for
6 coming out today. First of all, I'd like to introduce
7 myself. I'm David Vela. I'll be your facilitator for
8 tonight. This meeting will cover the proposed plan for
9 interim remedial action for the North Hollywood West Well
10 Field.

11 Before we start, I did want to go over just some
12 of the -- some of the presentation that we'll be -- will
13 be proposed tonight or will be talked about tonight. I
14 want to introduce Ms. Dawn Cotterell, who is our Senior
15 Public Relations Specialist with LADWP. And she also
16 greeted you in the back.

17 MS. COTTERELL: Hi.

18 MR. VELA: So thank you, Ms. Cotterell. She'll be
19 available for any questions that are not pertaining to
20 tonight's presentations -- things outside of the purview
21 and things that will help you with any type of comment or
22 any of the presentation that will happen tonight. Also,
23 there is a sign-in sheet. I know some of you have already
24 signed in.

25 If you haven't signed in, I really recommend you

1 do so. There's also translation available for us if you
2 need any translation from any English to Spanish. It is
3 available as well. There will be a transcriber tonight,
4 and tonight we have transcriber so that the meeting is
5 accurately recorded. And so that you're public comment
6 can also be accurately recorded.

7 We do have -- also this type of presentation does
8 require as well for the transcriber to be here. So I
9 wanted to introduce the transcriber. They'll be two
10 presentations tonight. One is for the proposed plan for
11 interim remedial action. And in the second one, will be
12 the California Environment Quality Act or CEQA
13 presentation.

14 If we are -- tonight for the sake of
15 effectiveness, we will have two types of comment cards and
16 you'll be able to comment on the actual presentation
17 itself. So for the blue card, this will actually cover
18 the proposed plan for interim remediation action. And you
19 can also add some of the actual comments in the back, if
20 you do not plan to actually speak tonight.

21 If you do plan to speak tonight, all you have to
22 do is fill out the actual top of the card and that will be
23 a way for you to speak during the public comment section.
24 And I will call your name in order for you to come up and
25 speak. If you're going to speak tonight on the CEQA part

1 of the presentation, then we do have the yellow comment
2 card and this yellow comment card which says mitigated
3 declaration for the proposal of the North Hollywood West
4 Well Field.

5 You can also fill that out, and I will also be
6 calling for that part of the presentation. I did want to
7 also introduce Ms. Evelyn Cortez-Davis who will be
8 speaking today for the actual proposed plan for the
9 interim remedial action, North Hollywood West Well Field.

10 So she will be coming up and doing the
11 presentation. So I will be calling her up today. So if
12 you could come up today and do the presentation. Thank
13 you very much.

14 MS. CORTEZ-DAVIS: Thank you, David. Thank you all
15 for coming out on a rainy evening. It's always good to
16 come to the valley and sometimes, especially on evenings
17 like this. We really appreciate everybody taking time off
18 their schedules at home to come out. So thank you very
19 much.

20 I'm Evelyn Cortez-Davis. I'm a civil engineer
21 and manager of Groundwater planning at LADWP. And I wanted
22 to start off by sharing what information I'll be covering in
23 my presentation. We'll be talking about the proposed plan
24 for interim remedial action at the North Hollywood West
25 Well Field. First, we'll talk about the remedial

1 investigation and feasibility study that was prepared by
2 LADWP. This covers the site background and
3 characteristics of the site, our remedial action
4 objectives -- basically, you know, what we're trying to
5 achieve.

6 Remedial alternatives that we evaluated and
7 comparison of those alternatives that allowed us to arrive
8 at our preferred alternative. And then we'll talk about
9 the next steps, tell you where you can find documents and
10 other information if you so desire. And also, at that
11 time, we'll be able to receive public comments like David
12 described. That's our general plan. So I want to start
13 off with a little bit of background about the San Fernando
14 basin and the groundwater that we're here to discuss
15 tonight.

16 The reason that we're here today is because we
17 have discovered high levels of a specific type of
18 contaminant in the groundwater that we need to address.
19 We'll be talking in depth about why we need to address it
20 and when -- and in initiating this response action is
21 something that LADWP was basically very compelled to do to
22 make sure we're able to continue relying on our
23 groundwater basin and the beneficial uses of our
24 groundwater basin are critical to maintain.

25 The San Fernando basin underlies most of the San

1 Fernando Valley so we have lots of groundwater, basically,
2 underneath our feet. Some of the water is maybe 100 feet
3 down, depending on where you are. It could be 50 feet
4 down in the southern parts. And, generally, this area --
5 we could have groundwater about 300 feet below the ground
6 surface. So it's fairly deep in some areas. In terms of
7 groundwater basins, there's going a number of terms we're
8 going to be using.

9 So I want to define some of those. And also to
10 point you to our program summary. Hopefully you grabbed
11 one of these, and we'll have it posted on our web site as
12 well in a few days. The groundwater basin is basically
13 the portion under the ground that is able to store water
14 and that directs water to our production wells where we
15 can pull it out for drinking water.

16 The aquifer is the layer of water-bearing
17 materials under the ground. And within the groundwater
18 basin, this is one of the areas in the city of LA where
19 those aquifers are extremely valuable resources for us.
20 Groundwater is extracted from groups of wells. We call
21 those groups of wells "well fields." So we're going to be
22 talking about those.

23 When you see a map similar to this -- because
24 you've probably see them a couple of times tonight --
25 you'll see little clusters of dots. Those are all

1 individual wells that are able to extract water from the
2 ground. And so when you see those, they represent well
3 fields. And they're a little bit hard to see because we
4 wanted to give you the full sense of what we're seeing in
5 San Fernando Valley -- and the spread of those wells are.

6 We are located right here just east of the 170
7 Freeway on Vanowen Street. And the location of the well
8 field that we're going to be discussing is the North
9 Hollywood West Well Field which is right here located off
10 Vanowen. There are a number of other well fields in the
11 area, as you can see, that serve water to the City of Los
12 Angeles, the city of Burbank, and the city of Glendale.
13 So it's just not LA that's involved here.

14 And there is one important point to make about
15 why all of these wells appear in this particular area of
16 this particular section of the city. And that is
17 hydrogeology. Basically, the types of soils in the ground
18 make it possible for water to travel better, and that's
19 why we're able to reach our water more in this area and
20 also extract it. Okay?

21 We're going to be focusing on the North Hollywood
22 West Well Field today, and so I want to give you little
23 bit of background on the North Hollywood West history.
24 And some of the characteristics of the well field. So we
25 have 14 wells that are part of the North Hollywood West

1 Well Field. Eight of those wells are situated along
2 Vanowen Street. So some of them don't actually appear.
3 They're off the map here.

4 We're at the library which is right over here off
5 the map. And there is one well right here just on the
6 other side of the freeway, and then there's an additional
7 five wells that go as far as west as Fulton, I think,
8 which is the intersection where the last well is located.
9 And then six of the fourteen wells are located within a
10 fenced area of the Whitsett Park.

11 How many have you been in the Whitsett Park
12 before? If you've seen the fenced-in area, we actually
13 have wells that are operational, and we'll be talking
14 about in-depth of those wells tonight. Okay? In terms of
15 the history of the site, they were -- the wells were
16 installed over the course of about six decades, and we've
17 been operating them for a very long time.

18 We operate them according to a permit that's
19 issued by the state of California, division of drinking
20 water, and we are in constant communication with them.
21 They're highly regulated sources of drinking water for us.
22 We detected 1,4-Dioxane -- which is one of the
23 contaminants that we're here to discuss tonight -- back in
24 2012 -- at higher concentrations. Later on, that caused
25 us to stop producing water from certain wells between the

1 months of November 2014 and March of 2015.

2 And so one of the things that I want to convey to
3 you -- and I'll say it a couple of times because it's
4 really that important -- is the bottom line for LADWP is
5 that the protection of public health is our top priority.
6 The remediation of the basin is the reason we are here,
7 and that's a critical point for us. I want to talk to you
8 about the 1,4-Dioxane plume or the map that shows the
9 concentration of this contaminant and where it is in the
10 contexts of our wells.

11 So, again, here's Whitsett Park, and we're
12 located right here at the library. And you can see,
13 basically, this shading representing concentrations of the
14 contaminant of 1,4-Dioxane. The darker concentrations --
15 the darker parts of the map -- the plume map -- represents
16 higher concentration of 1,4-Dioxane.

17 So one of things that -- to keep in mind is that
18 we do have wells that have been affected by -- we have
19 wells that have been affected by the edges of this plume
20 and more recent data have actually shown some of the
21 higher concentrations that are sort of a little darker
22 shaded concentrations of 1,4-Dioxane arriving at some of
23 our production wells. We have made some operational
24 decisions about whether to keep some wells on or off.

25 So this is something that, again, bears on the

1 public health point that I was making earlier. There is
 2 an important point here to make. A couple of things to
 3 remember. The wells that are impacted by the 1,4-Dioxane
 4 are also impacted by other contaminants including PCE and
 5 TCE. These are defined, by the way, in here. I won't
 6 read definitions to you tonight, but definitely look them
 7 up right here. And you can contact us if you have
 8 questions about them. And 1, 1-DCE is another contaminant
 9 that is present in the area.

10 There is involvement by the Environmental
 11 Protection Agency and the Regional Water Quality Control
 12 Board that is already happening with regard to this
 13 particular plume of 1,4-Dioxane. And their response
 14 actions that are getting underway to respond to both the
 15 potential discharge of 1,4-Dioxane from what is the likely
 16 source of the 1,4-Dioxane according to the LA regional
 17 board.

18 There's a former landfill that is located
 19 generally in this area right here. There is already
 20 coordination happening with the LA regional board in that
 21 particular site to figure out source control possibilities
 22 and also involvement on how to manage portions of the
 23 plume that have sort of left the general area of the
 24 former landfill. So there's activity happening as far as
 25 those -- those two elements. The source control and the

1 plume that's already left the area.

2 So to talk just briefly about the contaminant of
 3 certain areas that is in front of us tonight -- 1,4-Dioxane
 4 is a synthetic industrial chemical with various uses that
 5 you can see is generally used as a solvent for different
 6 types of application. One of the things that's challenging
 7 about this -- and by the way, there's a really long EPA
 8 link here for technical facts that's published on
 9 1,4-Dioxane if you're more interested.

10 You can also probably Google it just as easy as
 11 you can try to type it in. When we published the -- we are
 12 going it making available a PowerPoint presentation on our
 13 web site, and I'm looking to see to whether we make it an
 14 active link for you. So it's a little easier to get to.
 15 One of the challenges with 1,4-Dioxane is that it
 16 completely dissolves in water.

17 So once the contaminant arrives at the
 18 groundwater, it moves quickly. It's not -- unlike, let's
 19 say you mix oil with water, it kind of sits on top. Maybe
 20 it mixes. Maybe it doesn't. This mixes completely with
 21 water. There's an urgency to remediation that we need to
 22 try to address. So why are we focusing on the 1,4-Dioxane
 23 plume?

24 So, we talked about the proximity to the wells
 25 that we have and the more recent data shows some of these

1 higher concentration reaching our wells. We have
 2 basically been -- our ability to access the groundwater
 3 has been significantly impaired at the North Hollywood
 4 West Well Field. So that's a critical thing. For us,
 5 1,4-Dioxane, we have the ability to manage the treatment
 6 of this particular contaminant in a separate manner than
 7 the management of the other contaminants I mentioned
 8 earlier.

9 The volatile compounds that do exist in the area,
 10 we have different technology that, you know -- basically
 11 this technology that is used for volatile organics is not
 12 the same as used to manage this contaminant. And so it's
 13 a separate effort, really, to try to manage and contain
 14 this. So the third reason we kind of -- I already kind of
 15 mentioned because of how it reacts with the ground water.
 16 Because it mixes so quickly, we have sort of a limited
 17 window of time to try to contain it before it actually
 18 affects additional wells.

19 We have number of additional reasons why this is
 20 something we want to pursue, and we'll talk through what
 21 the alternatives are that we examined at LADWP to move
 22 forward so that we can manage this.

23 This is called an interim remedial action. You'll
 24 see that on the agenda and all the documents that are
 25 published on our web site. By the way, you'll see the

1 web site right -- right in the back of this document here.

2 And if you go to this landing page, you'll be
 3 able to get the feasibility study, the remedial
 4 investigation, and the number of other documents to
 5 support that. And the idea here is -- it's called an
 6 interim action because this is not the final remedy in
 7 this area. Our intent is to evaluate other actions that
 8 may be necessary to address volatile organic compounds
 9 because there are separate contaminants that are here and
 10 the risks that we need to reduce is for this. That is
 11 more urgent.

12 So that's why it's called an interim action and
 13 why we're evaluating alternatives for it separately to
 14 reduce the risk sooner for this particular plume. There
 15 are other things that are happening in the valley. So if
 16 you've heard the word "Superfund" -- how many of you have
 17 heard the word "Superfund" before? So Superfund,
 18 basically, is a federal term established under the law
 19 called CERCLA which is comprehensive environmental
 20 recovery and cost liability act -- compensation and
 21 liability act. Thank you.

22 So, basically, this is a law that allows areas or
 23 entities that have been impacted with contamination to
 24 pursue cost recovery from the parties that are responsible
 25 for the contamination. So this is very important to us.

1 We are pursuing all of our alternative evaluation and all
2 of the documents in substantial compliance with this law
3 so that we can preserve that right to pursue cost recovery
4 later.

5 Separate and independent of this proposal of
6 ours, the EPA has been coordinating Superfund response
7 actions -- Superfund is just another name for CERCLA --
8 the law for cost recovery. At an area just east of here
9 called the North Hollywood operable unit, and the Burbank
10 operable unit, and the Glendale North and South Operable
11 Units -- these have been in operation for a number of
12 years already.

13 And they're extracting and treating groundwater
14 as we speak. These are on-going efforts, and so we just
15 wanted to make you aware that we are, you know,
16 coordinating with the EPA, tracking what's happening in
17 the general area. But right now, there is no operable
18 unit that is established for the area that we're talking
19 about tonight. Okay?

20 I need to tell you about our summary for the
21 health risk evaluation that was conducted. So one of the
22 documents that's posted on our web site -- we're going to
23 have a quiz on what the web site is in a minute. The
24 health risk evaluation is one of those documents that was
25 conducted to assess the risk posed by the groundwater

1 of the hypothetical -- if you were to put a straw directly
2 into the well and started drinking that and only that
3 forever. So that's part of what the health risk
4 evaluation does is that it weighs that. And it's one of
5 the documents that's available for you to review.

6 Another set of documents that's available is the
7 remediation -- the remedial investigation and the
8 feasibility study. The remediation investigation focuses
9 on the site characterization. What is the extent of the
10 contaminant, where is it, what types of contaminants are
11 there, and evaluating the baseline risk associated with
12 those contaminants. The feasibility study -- then takes
13 those -- and then also developing objectives on how to
14 clean those up.

15 So cleanup or remedial action objectives -- then
16 using that data and all of those findings, we develop a
17 feasibility study that develops and analyzes all of those
18 remedial action alternatives, identifying and screening
19 remedial technology so that is a big part of the
20 feasibility study that was prepared. And then we
21 developed and analyzed alternatives in detail for those
22 technologies that actually make sense for the
23 contaminants present. Okay.

24 There are nine evaluation criteria for the
25 different alternatives that were developed that we'll be

1 contamination if there is no response action.

2 In other words, if we do not have any treatment
3 installed or operated, what happens? The exposure will be
4 through residential use of groundwater by ingesting it,
5 drinking it, or inhaling it potentially. And the
6 conclusion is if you were to inhale groundwater without
7 treatment and that was what would happen -- what -- sorry.

8 If we did not have a response action, the
9 conclusion is that the concentrations of 1,4-Dioxane in
10 our production wells could possibly result in potential
11 risks from cancer and non-cancer end points. What does
12 this mean? I want to make a really important point right
13 here. This is the evaluation of health risk if there is
14 no treatment.

15 This is not an evaluation of the water that is
16 served to customers today. It is the evaluation of the
17 water in the ground. The water that is served to
18 customers today have different requirements. We monitor
19 thousands and thousands of locations all year long. And
20 the quality of the water that is served to customers and
21 to businesses continues to meet or exceed all the drinking
22 water standards.

23 That's a really important point that I want you
24 to take away tonight. The water that you're receiving at
25 home and in your business is safe. This is an evaluation

1 going over in a couple of minutes that are actually US EPA
2 evaluation criteria. And I'll go over what those are and
3 how the alternatives fair against those criteria. The
4 remedial action objectives basically are goals as part of
5 this interim remedial action are summarized here.

6 We want to protect human health in the
7 environment and limit the migration of 1,4-Dioxane in the
8 water. We want to remove 1,4-Dioxane from the water and
9 restore our ability to operate the wells according to how
10 we operated them historically and how we plan to use them
11 in the future. So, our preliminary cleanup goals are
12 listed here for 1,4-Dioxane, PCE and TCE and 11DC.

13 These are the other two -- three contaminants I
14 mentioned that have been found in the area. Tonight's
15 interim remedial action focuses on this contaminant here.
16 And there are a couple of terms that I wanted to point out
17 that I get -- referenced in our web site in our different
18 documents if you're not familiar with that. I just want
19 to define them tonight.

20 And also notification level, and that is not a
21 regulatory limit. It hasn't been established yet, but it
22 is a concentration of a contaminant -- which we will be
23 required if our water reached just that level -- to
24 contact the regulatory agency. In this case, it will be
25 the division of drinking water, state of California, Water

1 Resources Control Board. So we have permit-limits that
2 are linked -- permit requirements that are linked to
3 notifications levels and also to maximum contaminant
4 levels or MCLs.

5 So those terms might pop up in different
6 documents so I wanted to clarify what those are. The
7 notification level for 1,4-Dioxane is one part per
8 billion. That's billion with a "B." So it's all of the
9 data that you see in a lot of the documents that we have
10 here, they'll more than likely be in terms of parts per
11 billion. Okay?

12 So we're going to talk about three remedial
13 alternatives that were developed after the technologies
14 were screened. Alternative number 1 is no action. This
15 is actually an alternative that is required to be
16 evaluated as part of the national contingency plan under
17 CERCLA or Superfund. The alternative two is an alternate
18 water supply including institutional actions, and I'll go
19 over that what means. Alternative three is groundwater
20 pump and treat for direct domestic use. Let me tell you
21 what each of these means.

22 Alternative one which is no action means,
23 basically, exactly what it sounds like. We do nothing.
24 What happens if we do nothing? This is, again, required
25 by the national contingency plan to be evaluated. We

1 continue to pump consistent with the division of drinking
2 water permit. This alternative would not involve any
3 containment or treatment actions of any kind. And it's
4 anticipative that at least seven of our production wells
5 will be removed because of 1,4-Dioxane concentrations
6 reaching and exceeding the California notification level
7 that we just discussed at one part per billion. That's
8 what happens if we do nothing.

9 Alternative two is an alternate water supply.
10 It, basically, would involve us implementing some
11 institutional actions including possibly blending water
12 from these well. Alternate pumping plans meaning pump
13 differently or at different times. Finding alternate
14 water supplies, monitoring and also possibly groundwater
15 use restrictions. In this alternative, it's similar to
16 the no action alternative.

17 At least seven wells would be removed from
18 production due to one 1,4-Dioxane contamination exceeding
19 the notification level. The alternate water supply in
20 this alternative would be secured for the metropolitan
21 water district of southern California or MWD which is a
22 wholesale seller of water in our area. We already
23 purchase water from them to supply to our customers.

24 Alternative three is the groundwater pump and
25 treat alternative for direct domestic use. This differs

1 from the second alternative in that containment and
2 treatment actions actually would be involved. And human
3 health would actually be protected by capturing and
4 extracting and removing 1,4-Dioxane concentrations through
5 hydraulic controls and treatment above ground. I'll
6 explain what those are in a second.

7 And then, of course, the beneficial use of the
8 groundwater basin would be restored in accordance to the
9 basin plan that is established by the LA Regional Water
10 Quality Control Board. What do we mean by hydraulic
11 control? Basically, we have three production wells within
12 that fenced area in the park that I mentioned -- drawing
13 in the 1, 4-dioxane contamination, pulling at -- away
14 from the other production wells. So essentially containing
15 that plume.

16 This reduces the likelihood of other groundwater
17 production wells and down gradients -- downstream sources
18 of ground water from being contaminated by the
19 1,4-Dioxane. So this is alternative three's hydraulic
20 controls. The treatment, once the water is pulled out of
21 the ground -- would be utilizing commercially available
22 advanced oxidations processes that use hydrogen peroxide
23 and ultra violet light or ozone.

24 And these have been demonstrated to destroy
25 1,4-Dioxane and recognized by the US EPA and LA Regional

1 Water Quality Control Board, Division of the State Water
2 Board. This particular treatment is also capable of
3 removing other volatile organic compounds present in those
4 remediation wells that are being treated.

5 Let's walk through the evaluation criteria that
6 are established by EPA. How do we weigh these
7 alternatives against each other? There are three
8 categories of criteria. The first is what we call a
9 threshold category. We have to meet these. We have to --
10 the first one is overall protection of human health and
11 the environment.

12 Clearly, this is something that is a threshold
13 criteria for us, and the second is compliance with
14 applicable regulatory requirements. The second category
15 is balancing criteria. These include things like the
16 effectiveness, long-term and short-term of the remedy, the
17 cost and implementability and the last category is
18 modifying criteria which includes acceptance by the state
19 because, normally, these are US EPA criteria.

20 The state would -- I mean the state of California
21 -- what we mean is the regulatory agency at the state
22 level -- so the state water board -- and the community
23 acceptance. So the last balancing criteria that you see
24 here, we would consider these two after the close of
25 public comments on January 23rd. That will be on your

1 quiz. Also the January 23rd date. Very important.
 2 How do these alternatives compare to US EPA's
 3 evaluation criteria? We have those three alternatives.
 4 When you see the evaluation criteria, these are the first
 5 seven off of this list. And you have alternative 1 which
 6 was no action. Alternative 2 was the alternate water
 7 supply with institutional actions. And alternative 3,
 8 which is groundwater pump and treat.

9 To give you an example, the first one which is --
 10 another one of the two threshold criteria that must really
 11 be met for us to proceed, is the protection of human health
 12 in the environment because neither alternative, one or
 13 two, involve treatment of the 1,4-Dioxane. Both of those
 14 are rated poor.

15 The way that we evaluated these is by giving one
 16 of three ratings. Poor, fair, or good. Good is the best
 17 that you can do in this scale. Okay? So when we look at
 18 alternative 3, that's really the only one that meets the
 19 threshold criteria, the protection of human health in the
 20 environment. When you look over all of this table and all
 21 of the either poor, fair, or good -- including the cost of
 22 net present value of these different alternatives -- these
 23 are not --

24 These are costs that are explained more in
 25 appendix B of the feasibility study if you're interested

1 in the cost. And these allowed the staff to arrive at our
 2 preferred alternative based on these criteria, and our
 3 preferred alternative is alternative 3. Because it
 4 actually meets the threshold criteria while the others do
 5 not -- or it provides the best balance of trade-offs if
 6 there's kind of a give and take or not quite meeting,
 7 gives the highest degree of protection and treatment of
 8 health and the environment. And it satisfies the
 9 requirements of CERCLA or the Superfund law we were
 10 describing earlier. So if you look at alternative three
 11 -- which would actually take groundwater from wells in the
 12 North Hollywood West Well Field within the park -- the
 13 picture I showed you is basically Whitsett Park, and this
 14 area here is fenced in with all of these wells.

15 We have identified 3 of those wells that would
 16 actually require treatment in order to contain those
 17 plumes -- part of the hydraulic controls we were discussing
 18 earlier. This -- so the water from these 3 individual
 19 wells would require treatment. The water from the
 20 remaining wells would not necessarily require treatment.
 21 And after treatment, this water would all be delivered to
 22 the North Hollywood pump station where it's all mixed with
 23 other sources of drinking water that is already at or
 24 exceeding the drinking water standards.

25 So to walk you through a simple -- a very

1 simplified process flow of how the water moves through
 2 this treatment system -- how water is pumped out of the
 3 remediation well. The remediation -- the pumping scenario
 4 that we have included in alternative 3 includes three
 5 wells. It goes from a pre- filtration step. And then we
 6 introduce hydrogen peroxide solution into the water. The
 7 water mixes with the hydrogen peroxide then goes through
 8 the ultra-violet light reactor.

9 This causes a chemical reaction that allows the
 10 1,4-Dioxane to be broken down into non-hazardous
 11 components. After the water goes through and the
 12 1,4-Dioxane is destroyed, we have to make sure there
 13 aren't -- isn't excess hydrogen peroxide because that's
 14 not part of the water that you receive in your home. So
 15 we remove the hydrogen peroxide that there might be in
 16 excess using granular activated carbon.

17 So basically like a big Brita Filter that we
 18 would pass the water through to remove any excess hydrogen
 19 peroxide. And at that point, it would be delivered to our
 20 North Hollywood pump station which is already receiving
 21 water from a variety of other sources to be delivered to
 22 customers at a later point.

23 So in terms of next steps, our interim
 24 remediation action involves making sure we have received
 25 public comments from all interested state and community

1 members and interested parties. We will respond to that
 2 public comment.

3 Our LADWP Board of Commissioners will then
 4 consider adoption of our record of decision. Basically,
 5 an official decision documenting which remedy is going to
 6 be selected -- how are we going to proceed.

7 Then we can move on to our remediation design.
 8 So you saw some very rough schematics of what we're
 9 planning. It's depending on what the remedy is. We will
 10 obviously have a lot more detail once we go into the
 11 design of the final -- the final plans.

12 The interim remedial action and construction of
 13 the facility -- if the remedy is selected in the first
 14 quarter of this year by our board, if they consider it
 15 and select the preferred alternative, we could start
 16 construction within the Whitsett Park area as early as
 17 this summer. So between 2017, mid-way or so and 2019.
 18 So approximately a year and a half or so worth of
 19 construction time. And then the facility will be operated
 20 and maintained for a number of years thereafter.

21 So to conclude my portion of the presentation, I
 22 wanted to point out where some of the information
 23 repositories are. These are locations where a physical
 24 hard copies of the documents are actually on file. If
 25 you prefer to look at them on PDF format, all of the

1 PDF or electronic versions of the documents are all
2 available on our website LADWP.com/remediation.

3 If you prefer to see a hard copy, you can go to
4 any of these locations and -- basically, ask for the LADWP
5 interim remediation action for North Hollywood West, and
6 they should be able to pull the document for you to
7 review. We have a specific timeline for public comment.
8 David is going to tell you more about that. And that
9 concludes my presentation.

10 MR. VELA: Thank you, Ms. Cortez-Davis. As you can
11 see, that's a lot of information. We do have enough time
12 to actually take public comments. In particular, some of
13 you have not filled out a blue comment card, please do so.
14 You can turn it in to Ms. Dawn Cotterell in the back if
15 there's anymore.

16 We do have somebody tonight that does want to
17 speak and publicly comment on this presentation. And
18 that's Ms. Sarah Ramsawack. So would you like to state
19 your comment, Ms. Ramsawack?

20 MS. RAMSAWACK: Yes. I did indicate that I had two
21 questions. But one of them does concern what it says in
22 this pamphlet about the 53 active wells. And I understand
23 that part of those wells have been contaminated, and I
24 also understand that some of them are in the project -- in
25 the lecture that we heard tonight, but we also heard

1 another detail that I was not familiar with before.

2 And that was that the level of the flow of the
3 groundwater can be from 50 feet below the surface to -- up
4 to 300 feet below the surface. So my question is how much
5 of that water are we getting for our drinking water that
6 comes from these levels? Are there any comments that you
7 can make on that?

8 MR. VELA: I believe Ms. Cortez-Davis -- would you
9 like to --

10 MS. CORTEZ-DAVIS: Thank you for that question. So I
11 think that the question was about the statement in here
12 referring to 52 active wells within the San Fernando basin
13 and so that is the amount -- the number of wells that are
14 permitted meaning we would have the ability to produce
15 water from all of those well and have them all on always
16 if there was no contamination.

17 However, we have roughly closer to 30 to 31 wells
18 that are actively being reliably pumped today. And the
19 rest might be on or off depending on what we have in terms
20 of concentrations, et cetera. So it is -- the number that
21 you have the tally is the number of all the wells that
22 could provide water from the San Fernando basin.
23 Unfortunately, we're not in a position to have all of them
24 necessarily on right now. Does that answer --

25 MS. RAMSAWACK: And about the various depths depending

1 on the soil you told us about.

2 MS. CORTEZ-DAVIS: Right. So our wells tend to be
3 much deeper. There are some areas of the San Fernando
4 basin that are kind of off to the south part of that
5 initial map we looked at that are not in this area that
6 are much shallower. So when I said 50, I was referring to
7 that way outside of the area here. This area, the water
8 depth is going to be much deeper. Hundreds of feet.

9 Our wells are hundreds of feet deep. Some of the
10 newer wells we have installed to monitor groundwater can
11 go as deep as 1,000 feet below the ground surface. That's
12 how much, you know, how deep we may have to go to really
13 understand what's happening with the water.

14 MR. RAMSAWACK: Thank you.

15 MR. VELA: Thank you, Ms. Cortez-Dave for that. I
16 really appreciate that. I'd like to also acknowledge that
17 there was another comment card from Mr. Charles Savinar
18 who is not speaking. Thank you for your comment. We do
19 have Ms. Susan MacAdams who'd like to speak to your
20 presentation, Ms. Cortez-Davis. So Ms. MacAdams?

21 MS. COTTERELL: Or do you want us to read your
22 question?

23 MS. MACADAMS: Oh. I can ask my question. Hi. Thank
24 you very much. That was very informative, but it didn't
25 tell me exactly where the North Hollywood well is -- the

1 treatment or the pump station. In other words, you're
2 going to take it to some place, and I wasn't clear from
3 your presentation exactly where you're going to take it
4 because you only have schematic. Where is the physical
5 location?

6 MS. CORTEZ-DAVIS: I'm sorry. Let me make sure I
7 understand your question. You're asking about the
8 physical location of --

9 MS. MACADAMS: The North Hollywood pump station.

10 MS. CORTEZ-DAVIS: Okay. The North Hollywood pump
11 station is located just east of here on Vanowen Street.
12 That is not an area where treatment for 1,4-Dioxane would
13 take place.

14 MS. MACADAMS: That isn't?

15 MS. CORTEZ-DAVIS: No. The water would be delivered
16 there after the water treatment happens.

17 MS. MACADAMS: Go back two. And you had it -- see the
18 proposed treatment plan? Where's the proposed treatment
19 plant?

20 MS. CORTEZ-DAVIS: So it would be located here.
21 Actually, I'm going to go back even further. Please,
22 close your eye so you don't get dizzy. The well field --
23 so here's the Whitsett Park location. The fenced-in area
24 -- this is a control building for this well field that
25 already exists. All of this is fenced-in.

1 There's an access road here. This is LADWP
2 property, and we are currently operating the well field
3 today. The facility or proposed treatment would -- if the
4 selected remedy moves forward -- be installed here.

5 MS. MACADAMS: Good.

6 MS. CORTEZ-DAVIS: At the park.

7 MS. MACADAMS: And then I had another question. So if
8 this problem of the 1,4-Dioxane is located, according to
9 you, on that map right there, are there any other places
10 in the San Fernando Valley that also have this same
11 contamination? See that purple -- I've seen other maps
12 where appears to be located other parts of the valley.

13 MS. CORTEZ-DAVIS: That's a great question. So yes.
14 There are other places where some of the other response
15 actions that I've mentioned, that are being addressed by
16 US EPA, that are addressing a variety of different
17 contaminants. And I believe 1,4-Dioxane is one of them in
18 the area, basically, just kind of off the map here.

19 MS. MACADAMS: Over by the airport?

20 MS. CORTEZ-DAVIS: It's a separate response action by
21 US EPA, and it's in conjunction with the responsible
22 parties, the polluters.

23 MS. MACADAMS: But won't LADWP be dealing with that as
24 well, or will that be a separate meeting at a separate
25 time?

1 MS. CORTEZ-DAVIS: Yes. So we are actually
2 coordinating actively with EPA. And following the status
3 of when -- if you read some of the documents that you see
4 a reference to the -- what's called the North Hollywood
5 operable unit second, interim remedy or 2IR. 2IR is sort
6 of the next evolution of the treatment at that location
7 that's treating volatile organic compounds in addition to
8 1,4-Dioxane and other things.

9 And we are very closely coordinating with US EPA
10 on that because the water -- obviously, the groundwater
11 that gets treated if we're going to be serving it, we need
12 to make sure that it meets all of the requirements that it
13 needs to meet.

14 MS. MACADAMS: Yeah. That makes sense. And there was
15 just one -- I'll do one more. On the map you showed the
16 Burbank operable unit on these, but you don't show the
17 Burbank operable unit which is along Vanowen. See there?
18 That doesn't show up on this map. And that's why I'm here
19 today for the Burbank operable unit. Just so you know,
20 it's a coordination --

21 MS. CORTEZ-DAVIS: Okay. Well, we do coordinate with
22 EPA on what's happening with those units. We're not --
23 because that's part of the response action outside of the
24 city of LA.

25 MS. MACADAMS: So that's EPA?

1 MS. CORTEZ-DAVIS: Yeah. So EPA, basically,
2 coordinates the efforts at all of these. And so I wanted
3 to make you aware that there are other activities that are
4 happening today to deal with some of these other
5 contaminants and then, as I explained, our action --
6 remedial action today that we're discussing tonight is
7 interim because we do have other things that we need to
8 deal with.

9 MS. MACADAMS: So your map is correct. That's a
10 second map?

11 MS. CORTEZ-DAVIS: Yes.

12 MS. MACADAMS: Thank you.

13 MR. VELA: Thank you Ms. Cortez-Davis. Really
14 appreciated that. Our next public comment is from
15 Mr. Michael Morsivar. Michael, do you want to --

16 MR. MORSIVAR: Sure. You have my card.

17 MR. VELA: I do.

18 MR. MORSIVAR: So my first question is a point of
19 clarification. So if the groundwater doesn't -- and
20 correct me if I'm wrong -- doesn't pose an immediate
21 threat, and it doesn't -- it's not the water that's
22 pumping into our homes and businesses. How would it
23 become a threat, and what would be the timeline for that?

24 MR. VELA: Ms. Cortez-Davis?

25 MS. CORTEZ-DAVIS: Good question. Thank you. That is

1 what our no action alternative actually studied. So the
2 feasibility study actually goes into depth about that.
3 What basically would happen is that we have seven -- at
4 least seven of our wells impacted by the plume -- by the
5 plume and would basically knock them out of being able to
6 be production wells in the future.

7 Just because we have been choosing to operate
8 things in a kind of a different way right now doesn't mean
9 this is a sustainable for us. We need to be able to
10 regain the beneficial use of the basin. And, ultimately,
11 remove that contaminant from the ground.

12 So right now, there's an imminent threat. Just
13 because the plume is not there yet, doesn't mean it won't
14 get there in the future. So we have -- we basically are
15 saying the alternative to removing the contaminants is
16 what's going to protect human health. Right now, we're
17 using -- sort of different -- some of the institutional
18 actions to make sure that the public health is continued
19 to be protected today. That's not necessarily sustainable
20 permanently into the future.

21 MR. MORSIVAR: And I have second question. If -- so
22 one of the programs or handouts mentions what was
23 1,4-Dioxane is used for, do you have any thoughts or
24 theory on how the groundwater got to be contaminated in
25 the first place?

1 MS. CORTEZ-DAVIS: So we have information from the US
2 EPA and from the LA Regional Quality Control Board about
3 the source which -- the mostly likely source that's been
4 identified by these agencies is a former landfill site.

5 Whether -- how the contaminant made it into the landfill
6 -- which really was operated for a number of years back in
7 the '60s and early '70s, I believe, and it's no longer
8 operational as a landfill.

9 How exactly that contaminant got in there is not
10 something that -- we're not exactly certain at this time
11 of -- how that happened. But what we know is what our
12 groundwater analysis is telling us. And that is that the
13 highest concentration of that contaminant are
14 concentrated, generally, in the area where the former
15 landfill site is.

16 So one of the conclusions that the LA Regional
17 Quality Control Board has reached is that there needs to
18 be some cleanup at that former landfill site, and there is
19 cleanup and abatement order that has been issued related
20 to that site. So, you know, that's basically the
21 information that we have available about the dioxane
22 source.

23 MS. RAMSAWACK: Evelyn, if I may, please? If I look
24 at that map correctly. That plume seems to be -- seems to
25 be concentrated at most intently between Saticoy and

1 Vanowen, and Whitsett, and Laurel Canyon. Am I seeing
2 that correctly?

3 MS. CORTEZ-DAVIS: That's correct. It's hard to read,
4 but this is Laurel Canyon. That's Saticoy. This is
5 Vanowen. And this is Whitsett. The darker area is the
6 170 freeway.

7 MS. RAMSAWACK: That's right.

8 MR. VELA: Thank you, Ms. Cortez-Davis. We're going
9 to continue with the public comment for just a bit. I
10 believe we do have to start our next presentation. We
11 have new CEQA presentation. That is coming up at 7
12 o'clock. I am going to go ahead and read some of the
13 public comments from the audience.

14 So this one comes from Jim Kompere. And perhaps
15 you can help us, Ms. Davis-Cortez, with this. What is the
16 first point of the reaction plant? Where is the first --
17 the footprint -- is it the footprint?

18 MR. KOMPARE: Yeah. What's the size of the plant?

19 MR. VELA: Okay. Great. The footprint of the plant.
20 Okay.

21 MR. KOMPARE: Sorry about that.

22 MR. VELA: Not a problem.

23 MS. CORTEZ-DAVIS: So we are -- because we are still
24 in a preliminary phase, we don't have exact design
25 details, but what I can tell you is that we have

1 conceptually looked at whether the equipment that would be
2 necessary would fit into this zone right here. So
3 basically, that's the distant between -- actually not
4 quite to Whitsett because this is just an access road.

5 This portion right here between this sports field
6 fenced area and the 170 freeway. So we are anticipating
7 whatever equipment we would need during -- put in during
8 the design phase would fit into that footprint there.

9 MR. KOMPARE: Okay. So it wouldn't involve the soccer
10 fields where they're putting an artificial turf?

11 MS. CORTEZ-DAVIS: We're not anticipating that, no.

12 MR. KOMPARE: There are some buildings that DWP owns
13 to the east of that.

14 MS. CORTEZ-DAVIS: Right. There are soccer fields
15 here. Just north of here. There are baseball fields. At
16 this time, we are not anticipating having to go anywhere
17 outside of our fence area that is already being operated
18 in the field.

19 MR. KOMPARE: That's not going to take over huge
20 amount of these existing park space. It's all DWP
21 property?

22 MS. CORTEZ-DAVIS: It's currently LADWP property.

23 MR. KOMPARE: It's fenced off?

24 MS. CORTEZ-DAVIS: Yes. Fenced off.

25 MR. VELA: Thank you, Ms. Cortez-Davis. The next

1 comment is from Arthur Pugsley, and he has a question. Is
2 there any groundwater remediation master plan for the San
3 Fernando Valley? If not, why not? How will this and
4 other remediation projects support an increased reliance
5 on indirect potable recycling as a water source? Has the
6 city integrated the remediation plans with other plans for
7 expanding to recycled water?

8 MS. CORTEZ-DAVIS: Thank you for that very informed
9 question. So can I see it, please?

10 MR. VELA: Sure.

11 MS. CORTEZ-DAVIS: I don't want to leave anything out.
12 So we do have the structure for groundwater basin
13 strategy. What you're looking at in this document here is
14 essentially the outline for our groundwater remediation
15 strategy for the whole basin. So where you review this
16 document, you will see that it addresses not just North
17 Hollywood West Project but what we're proposing to pursue
18 in other areas of the San Fernando basin.

19 Including how we're coordinating with existing
20 efforts, other areas outside of North Hollywood West Well
21 Field including the Tujunga Well Field, North Hollywood,
22 other -- Rinaldi Toluca Well Field. And more further to
23 the south, the Pollock Well Field. We have a number of
24 different -- and other well fields are mentioned here.

25 So this is basically the outline of that master

1 strategy, how we are hoping to address the remediation
2 issue. How will this and other mediation projects support
3 increase reliance on indirect potable recycling as a water
4 source? So as I mentioned at the beginning, this is basin
5 remediation project. It is not a water supply project,
6 but we have benefits that basically comes out of the
7 project that we would regain beneficial use of the
8 groundwater basin.

9 Because the same groundwater basin has to be --
10 not only remediated, but continue to be replenished. The
11 basin is what's in common with those other projects. We
12 need to continue replenishing the basin, and you may have
13 heard about some of our efforts happening here in the San
14 Fernando basin to replenish with advanced treated recycled
15 water. Part of what our analysis is within the
16 feasibility study is taking into account what water is in
17 the basin or what water is projected to be in the basin.

18 So we take into the account those sources of
19 water in terms of the modeling that took place. If you're
20 looking -- more detail -- to more detail about the model
21 -- groundwater modeling that took place, we also have
22 information in Appendix A of the feasibility study that
23 goes into a little more depth of that topic?

24 Has the city integrated the remediation plans
25 with other plans for expanding use of recycled water? So

1 that's basically the same -- along the same lines as what
2 I just mentioned. Because this is same basin that has
3 continued need to be replenished, we do need the
4 remediation effort to proceed to protect human health in
5 the environment at the same time that we continue
6 replenishing so the water levels do not drop to a level
7 that's sustainable.

8 We have basically a court mandate under the upper
9 Los Angeles river area water master that mandates how
10 water is pumped or replenished within the basin. And so
11 we have a lot of coordination with the water master in the
12 San Fernando basin to make sure that we're continuing to
13 keep the basin at a healthy level at the same time that
14 we're pursuing remediation efforts.

15 MR. VELA: We just have a couple more questions. This
16 one is from Felipe Escobar. And he is asking what is the
17 reason for the contamination of water?

18 MS. CORTEZ-DAVIS: So depending on the contaminant
19 we're talking about, there could be different reasons.
20 We tackled the 1, 4-dioxane -- with a very inciteful
21 question from a gentleman who was right over here a few
22 minutes ago. There are other contaminants, and they have
23 possible other sources.

24 So depending on the contaminant, it could more
25 than likely be contaminants that were deposited into the

1 soil over the course of decades, going as far back as
2 World War 2 era. Industrial chemicals that were put on
3 the ground before, really, regulations even existed
4 potentially.

5 There are possibly activities that took place
6 more recently than that. And that's exactly what we seek
7 to assess. What are the sources as part of our
8 remediation investigation and to proceed to figure out
9 whether the source can be controlled. So that's a really
10 important point to make. It really depends on the
11 contaminant.

12 There is some information in the program summary
13 for you about the types of contaminants that are out there
14 and the possible sources where they initially might have
15 come from.

16 MR. VELA: And then finally, this question is from
17 Ms. Veronica Padilla-Campos who's asking -- first of all,
18 she's complimenting you on the presentation. Will the
19 1,4-Dioxane plume travel? If it does, will further action
20 be required later? If not, will it ever go away and will
21 the process affect the park use in any way?

22 MS. CORTEZ-DAVIS: Okay. So three covered questions.
23 The 1,4-Dioxane plume, we anticipate -- if we were to
24 operate the treatment that we discussed with the three
25 wells, basically pulling water and containing that plume

1 -- that plume right now we anticipate based on our ground
2 water modeling to be contained. So it would not
3 necessarily travel. This is something that we would have
4 to validate once the remedy is in to make sure our
5 modeling is accurate to reality.

6 So we would anticipate right now based on the
7 data that we have and the modeling exercise that the plume
8 would be contained if we were to operate with the three
9 wells that were in our -- okay. Close your eyes again so
10 you don't get dizzy -- with the three wells that we
11 identified in alternative 3 for our treatment.

12 So if we were able to operate those three wells
13 here, we anticipate that we do not need additional
14 treatment for 1,4-Dioxane. Additional treatment would be
15 necessary potentially to manage the other contaminants
16 that are in the area. So that would be treated as a
17 separate response action. The 1,4-Dioxane is the one that
18 is the most urgent right now. We're trying to reduce that
19 risk.

20 Will this process affect the park use in any way?
21 I think we were talking about that earlier. The answer is
22 no. We don't anticipate the use of the park facilities to
23 be impacted. There is some information that our
24 presentation on environment considerations is going to
25 discuss in terms of the activity that might be seen here

1 physically.
2 So we'll maybe share some more information on
3 that, but for right now, after the construction is
4 complete, it isn't anticipated that the operation would
5 impact the park in any way.

6 MR. VELA: Thank you, Ms. Cortez-Davis. Now, we're
7 going to move on to our next presentation. And before we
8 do, I do want to remind you about the yellow comment card.
9 That will be used for the CEQA presentation. What's great
10 about the part as well, you can fill it out. There's also
11 instruction to turn in your public comment for the CEQA
12 process here on the yellow comment card.

13 All of them are due on January 24th, 2017 by 5:00
14 p.m. If you would like to public comment, we will have
15 time for public comment after the CEQA presentation. So
16 at this time, I would like to call up Ms. Nadia Parker who
17 is with the Department of Water and Power - Environmental
18 Affairs. And she's a supervisor there.

19 MS. COTTERELL: Just the note that these are due the
20 23rd. The date is on there.

21 MR. VELA: Thank you. It's the 23rd. The date is on
22 there.

23 MS. PARKER: Thank you, David. And thank you, Evelyn.
24 Just a brief summary of what I'm going to cover tonight.
25 As David said I'm going to talk about the California

1 Environment Quality Act, CEQA. I'll discuss briefly what
2 that is and why it applies to this project. I'll review
3 the environmental factors that are considered under CEQA,
4 talk about the mitigated negative declaration that was
5 prepared, as well as next steps, and where you can find
6 more information. And as David said, there will be an
7 opportunity for more comments or questions relevant to CEQA.

8 So CEQA or the California Environment Quality Act
9 is a statute in the state of California that requires all
10 state and local agencies to review proposed projects for
11 potential significant environmental impacts, to disclose
12 them to the public and to avoid or mitigate those impacts
13 if feasible.

14 It applies to all discretionary actions taken by
15 a government agency. So the process that Evelyn just
16 described at length talked about the remedial
17 investigation that led to identifying the need to deal
18 with the contaminant, the feasibility study that resulted
19 in the preferred alternative; and the pumping and treatment
20 for domestic use of water which, under CEQA, is classified
21 as a project or an action that the department may approve
22 if the board of water and power commissioners choose and
23 approve that alternative.

24 And so we must apply to CEQA now to that
25 proposed -- "preferred alternative" as I described.

1 Through CEQA, we applied a review of certain
2 factors which I'll cover in minute with the intent of
3 preventing significant impact to the environment primarily
4 through the use of alternatives or mitigation, as in this
5 case.

6 This is little bit more of what I just said. The
7 North Hollywood West Well Field treatment project is a
8 discretionary action by LADWP, and a project as defined
9 under CEQA. What CEQA really looked at for the North
10 Hollywood West Field is the preferred alternative
11 identified in the process Evelyn just described. The
12 California Environment Quality Act requires us to consider
13 a number of environment factors relative to a proposed
14 project. These are all of them.

15 Common ones that we consider and we looked at
16 here are air quality, biological resources, cultural
17 resources, noise, for example, as well as all these here.
18 In order to comply with CEQA for this project, the
19 department prepared a mitigated negative declaration. A
20 mitigated negative declaration or MND is one of the
21 documents that can be prepared to comply with CEQA.

22 It's an appropriate document when a project has
23 potentially significant effects on the environment, but
24 revisions to the project or the application mitigation
25 measures, as I'll describe later, are developed that

1 would avoid or mitigate effects to a point where no
2 significant impact on the environment would occur.

3 And, again, the proposed project analyzed in the
4 MNDs are based on the preferred alternative identified in
5 the RI that Evelyn reviewed. The CEQA analysis focused
6 on the physical act of constructing and operating this
7 project. So implementing this preferred alternative would
8 involve some of the following phases including design,
9 procurement, and construction and commissioning. And the
10 CEQA analysis looked at the 12 months of the actual
11 construction where we actually physically see work
12 occurring on that park area as well as the subsequent
13 operation of the project.

14 Constructing the preferred alternative would
15 involve several key construction phases including site
16 preparation, piping conduit, and pad installation for the
17 equipment they would use to treat the water, as Evelyn
18 described, and installing the equipment and building the
19 necessary support structures. During that construction
20 effort, which is what some of you as neighbors of the park
21 may observe, will take place over the course of about year.
22 A peak of about 20 onsite personnel for several months,
23 but on a typical construction day, there will be six or
24 fewer onsite personnel.

25 All construction would occur during normal

1 business hours, Monday through Friday. You'll see a peak
2 of about five truck trips coming to the site, required for
3 several months delivering materials and building the actual
4 facility for the treatment of water. There would be
5 several pieces of heavy equipment required at various times
6 during construction including bulldozers, trucks and cranes.

7 Importantly, as my last bullet all shows, all
8 construction will occur within the existing LADWP property
9 -- primarily right up here -- it's fenced-in and separate
10 from park and would not impact the recreational uses in
11 any way. The conclusions of our analysis under CEQA --
12 for construction, determine that the factors analyzed were
13 under the threshold of significance established under
14 CEQA.

15 There were potential significant impacts
16 identified for biological and cultural resources; however,
17 mitigation measure -- which I'll list in a minute -- were
18 incorporated to reduce the level -- recommended for
19 incorporation, should reduce these levels of these impacts
20 to less than significant. Once the facility is constructed,
21 it will be going into operation mode which is a very low
22 impact facility as it will be unmanned. There will be
23 routine maintenance occasionally.

24 No significant impacts are identified during
25 operations. There are negligible air emissions from

1 operations of the pumps and no greenhouse gas emissions
2 would exceed thresholds. Any and all waste water produced
3 by the facility would be handled by existing sewer system
4 with no capacity constraints and noise from running the
5 pumps is found to be less significant. It is a very urban
6 area. The planes fly overhead all the time. You won't be
7 able to hear them.

8 So as I mentioned as part of the mitigated
9 negative declaration, there were two mitigation measures
10 incorporated. One for biological resources which will
11 involve -- during the construction doing nesting bird
12 surveys. If construction is initiated during the nesting
13 season -- and that's a requirement, actually -- to protect
14 birds which are protected by the migratory bird treaty act
15 and surveying for bats -- another species of concern, just
16 to avoid impact to them.

17 And, of course, avoiding protected trees such as
18 oaks. We do not anticipate any being impacted. Lastly,
19 there will be provision for monitoring and resource
20 protection in the event that archaeological or tribal
21 resources are exposed during the construction activity.
22 Next steps have been mentioned in the public comment
23 period for the CEQA -- well, for everything described
24 today, closes on January 23rd.

25 So we encourage you to submit your comments by

1 then. We'll then work on preparing responses to those
2 comments, and then the MND will be brought to the
3 Los Angeles Department of Water and Power, Board of
4 Commissioners for their consideration. This would happen
5 after the board would also approve the record of
6 decision -- which Evelyn mentioned -- actually approving
7 that preferred alternative, next would be the CEQA
8 adoption.

9 We would then file a notice of determination, and
10 then we move on to the final design and action that,
11 again, Evelyn covered very well. Lastly, the actual CEQA
12 document prepared for this project, the mitigated negative
13 declaration, is also available at various information
14 repositories including this library and on-line at this
15 web address. And that conclude my portions.

16 MR. VELA: Thank you, Ms. Parker. Really appreciate
17 all that information. We did not receive any physical
18 public comment card for this portion of the presentation,
19 but if you would like, we do have available time for any
20 public comments that you would like to do now orally.

21 If not, I do want to remind everyone that both of
22 these presentations are not only available at the sites
23 that we discussed, they're also available on the LADWP web
24 site, and they're also -- if you like to public comment,
25 you can e-mail, for example, Ms. Parker at the e-mail

1 here. You can also provide public comment by mail and
2 mail it to the department of water and power.

3 And then also, you can fill out the front of the
4 card and also the back of the card to provide comments to
5 both either for the remedial plan or for the CEQA
6 presentation. Are there any comments for Ms. Parker
7 today?

8 MS. MACADAMS: Thank you.

9 MR. VELA: Go ahead.

10 MS. MACADAMS: Just thank you. You guys did a great
11 job.

12 MR. VELA: Really appreciate that. And we want to
13 thank all of you for coming out. I know there were
14 elements out there. I know it's raining. Please, please
15 drive safe. Again, really want to appreciate you coming
16 out together. It's really important that, you know, as a
17 community, we come together and learn about our projects.
18 So with that, if there's anything else -- yes. Okay.
19 Great. Thank you for pointing that out. Yes, can you
20 state your name please for our transcriber?

21 MS. MORIN: Yes. I'm Inez Morin. I'm a resident.
22 I've been noticing on your map, you've been showing the
23 west side of the park. I took pictures of some drilling
24 taking place north of here, west of the 170 freeway. Is
25 that also part of your planning process?

1 MR. VELA: Ms. Cortez-Davis? Would you like to --

2 MS. CORTEZ-DAVIS: Just to clarify. Within the park?

3 MS. MORIN: Yes.

4 MS. CORTEZ-DAVIS: Yes. So there's some maintenance
5 activities that are happening right now. Because we do
6 have wells in the North Hollywood West Well Field that
7 continue to be operational. Some of which are down for
8 maintenance. We have some maintenance activity happening
9 right now. So if you see equipment there, it's for
10 maintenance that is occurring right now.

11 MS. PARKER: In the existing well field?

12 MS. CORTEZ-DAVIS: In the existing well fields that
13 are there now. Yeah.

14 MS. MORIN: So that's what's going on north of here?

15 MS. CORTEZ-DAVIS: Within the park? Within the fenced
16 area? Yes. That's maintenance activity. I don't have a
17 schedule that I look up at on how long they're going to be
18 there. It's within our fenced-in area of the LADWP
19 property. Right.

20 MS. MORIN: Okay. Thank you.

21 MR. VELA: Any other comments or questions? Okay.
22 Well, thank you for coming tonight. We really appreciate
23 it. Thank you.

24 (Proceedings concluded at 7:20 p.m.)

25

A

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