

PUBLIC MEETING - VALLEY PLAZA LIBRARY
WEDNESDAY - FEBRUARY 8, 2017
6:00 P.M. - 7:15 P.M.
SAN FERNANDO GROUNDWATER BASIN REMEDIATION PROGRAM

Reported By:

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JOB No.:
13709DWP

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1 any questions pertaining to things that are not
2 presented tonight. And she represents Water and Power.
3 There is also translation available tonight
4 and we have Ernesto in the back if there is anybody who
5 needs Spanish translation. We do have it tonight.
6 Also, I want to let you know that tonight's
7 meeting is being transcribed. This is in order for us
8 to get an accurate memorialization of the meeting and
9 also it's very common for these types of presentations.
10 There will be two presentations tonight and I
11 kind of want to break that down. There is going to be
12 the proposed plan for Interim Remedial Action and that's
13 a plan that's going to be given tonight by Miss Evelyn
14 Cortez-Davis. She is the manager of groundwater
15 planning at L.A. Water and Power. This presentation
16 will focus on the nature of the actual details of the
17 proposed plan.
18 Our next presentation is going to be the CEQA
19 presentation or the California Environmental Quality Act
20 presentation and that's going to be done tonight by Miss
21 Nadia Parker who is a supervisor in the Environmental
22 Planning and Assessment Group. And this presentation
23 will focus on environmental impacts associated with the
24 construction and operation of the proposed remedial
25 action.

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1 DAVID VELA: Good evening, everyone. I'm
2 sorry if that's loud. I kind of woke you guys up. We
3 will be starting in just about one minute so I just
4 wanted to let you know.
5 Thank you.
6 (Recess.)
7 DAVID VELA: All right. Good evening,
8 everyone. Thank you for coming tonight. My name is
9 David Vela and I will be your facilitator for tonight.
10 This meeting will cover the proposed plan for
11 Interim Remedial Action for the North Hollywood West
12 Well Field.
13 Before we begin, I wanted to just go over a
14 couple of introductions so just -- and a little
15 guidelines on the meeting.
16 There is a sign-in sheet. If you have not
17 signed in, please do so. I want to introduce Miss Dawn
18 Cotterell, she is a Senior Public Relations Specialist
19 for the L.A. Department of Water and Power.
20 MS. COTTERELL: Hi.
21 DAVID VELA: Hi, Dawn.
22 SARAH RAMSAWACK: Where is she?
23 DAVID VELA: She is right here.
24 SARAH RAMSAWACK: Oh, okay.
25 DAVID VELA: And Dawn will be available for

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1 After each presentation, there will be an
2 opportunity for public comment. There will be an
3 opportunity for you to create comments for water and
4 power. The comments that are all done tonight will be
5 responded to in the report to the Board of Commissioners
6 for Water and Power and later be posted on the Water and
7 Power Website.
8 I do recommend that we do hold comments up
9 until the end. Of course, if it's something very
10 urgent, please raise your hand. In order for everybody's
11 comments to be taken today, I do encourage you to, after
12 the first presentation, there is a blue comment card
13 that can be found with Miss Cotterell. It's also in the
14 back, if you could like to put your public comment on
15 here, you're welcome to do so, which will be heard
16 tonight.
17 There is also instructions for you to be able
18 to mail in your comment or turn in the comment through
19 e-mail, as well.
20 After the CEQA Presentation, the same thing, I
21 will open it up for public comment again. After the
22 CEQA Presentation you can fill out the yellow card and
23 then we will be able to address the public comments with
24 this card. And, again, there is options for you to
25 either mail it or e-mail your public comment, as well.

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1 (Pages 1 to 4)

1 We are going to be ending the meeting tonight
2 at 7:45, only because the library is closing at
3 8:00 p.m. So I just want to remind you that we are
4 going to be on a time schedule. And tonight's power
5 point presentation will be available online and on the
6 L.A. Department of Water and Power Website. And the due
7 date for the public comments will be February 27th,
8 2017. That's a Monday, I believe, at 5 p.m.
9 And I would like to now invite Miss Evelyn
10 Cortez-Davis who will be presenting on the proposed plan
11 for Interim Remedial Action.
12 Thank you very much.
13 EVELYN CORTEZ-DAVIS: Thank you, David, and
14 thank you all for coming tonight. My name is Evelyn
15 Cortez-Davis. I'm a civil engineer and manager of
16 Groundwater Planning at LADWP. I'm going to be talking
17 with you tonight about our proposed plan for Remedial
18 Action of the North Hollywood West Well Field. So I'm
19 going to be covering a few topics, so just to rundown
20 what they are.
21 We have a few documents that I'm going to be
22 discussing. The remedial investigation and feasibility
23 study for this site, including some background
24 characteristics; our remedial action objectives; the
25 alternatives that we evaluated; and comparative

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1 analysis, how we compared those alternatives; our
2 preferred alternative; what we're doing next and where
3 you can find the documents in hard copy by information
4 or depositories, as well as the public comment process
5 that was just mentioned by David Vela here.
6 So just a little bit of background in all of
7 this information is described in, to some extent, in one
8 of the documents that is out on -- out front in our
9 information table sign up, which is our Program Summary
10 and so I will be referring to this document in some
11 cases. And, also, to the blue section in the back,
12 which is the listing of our website, LADWP dot com slash
13 remediation.
14 There are a variety of documents available
15 there now related to this proposed plan so I encourage
16 you to visit there, as well as their repository
17 salvation later.
18 In terms of background for the San Fernando
19 groundwater basin, we have a number of well fields that
20 are currently affected by high levels of contaminant
21 called 1,4-dioxane. There are other contaminants and I
22 will be talking about some of them, as well, a little
23 bit later.
24 But we, basically, at LADWP initiated a
25 response action to figure out how to respond to the

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1 releases of this hazardous substance. We're, basically,
2 in the San Fernando groundwater basin. In the
3 San Fernando Valley, we have a groundwater basin that
4 is, basically, beneath our feet. We have a number of
5 wells that are located throughout the groundwater basin.
6 So if you look at this -- this map and its tiny little
7 dots spread throughout here, all of those represent
8 wells that extract groundwater or are able to extract
9 groundwater from the San Fernando groundwater basin.
10 The aquifer or the area underneath the ground
11 that is able to contain water has been impacted by some
12 contaminants, including the one we will be discussing
13 tonight. We are -- I just wanted to point out that we
14 are going to be talking about one particular well field
15 tonight, and that is the North Hollywood West Well
16 Field. We will be focusing on that.
17 And one of the things that is important to
18 know is that there is a reason why the groundwater wells
19 in the San Fernando basin are primarily located in the
20 eastern part of the valley. And that is because of
21 hydrogeology, basically the type of soil that is under
22 the ground, and how water is able to move; how quickly
23 it's able to move within the ground. So the location of
24 these wells, as well as the location of a number of
25 facilities to infiltrate water when it rains, for

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1 example, are all located in this general area because of
2 the same reason, the type of geology we have under the
3 ground.
4 So there are 11 -- approximately 11 well
5 fields throughout the east valley and one -- and they
6 serve the City of Los Angeles, also the City of Burbank
7 and the City of Glendale but we will be, again, focusing
8 on the North Hollywood West Well Field tonight.
9 So we are actually here at the Valley Plaza
10 Library and we have -- we are just pointing at the map
11 here on the screen. Just off the map here, hum, east of
12 the 170 freeway, that -- the North Hollywood West Well
13 Field actually has 14 wells that are located throughout
14 Vanowen Street. And some of them are located within a
15 fenced area at -- adjacent to Whitsett Sports Field
16 Park. If you're familiar with where that park is, there
17 is a fenced property where we have been operating
18 groundwater wells for a number of years.
19 So I wanted to just put out location here
20 where we are and we are going to be talking about wells
21 that are located within -- primarily within Whitsett
22 Park but the entire well field is actually located also
23 along Vanowen Street, as far west as Fulton Avenue.
24 That is the furthest west the last well goes.
25 Interestingly, too, if you haven't -- if you

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1 noticed out on the corner in front of the library here,
2 one of our wells is located right here at the edge of
3 the parking lot; it is well no. 23 and it is one of the
4 wells that is part of this well field. We'll talk about
5 that in a minute.
6 So in terms of the site history, we have 14
7 production wells in the well field as a whole. They
8 were installed over the course of about 60 years. We've
9 been operating this well field for, basically, what --
10 quite a long time. We operate the well field according
11 to a drinking water permit that is issued to us by the
12 division of drinking water of the State Water Board.
13 We first detected the chemical called
14 1,4-dioxane in some of the wells here located in North
15 Hollywood West Well Field in 2012. The arrival of this
16 1,4-dioxane caused us to stop production from seven of
17 the North Hollywood West Wells between November of 2014
18 and March of 2015. And we have had to make some
19 operational decisions about how to operate our well
20 fields since.
21 The -- one of the key points that I want you
22 to take away tonight is that the protection of public
23 health is a top priority for DWP and the city. And we
24 have essentially an obligation to make sure that all of
25 the water that is served to customers is in accordance

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1 to, not just our drinking water permits, that it is in
2 accordance with our drinking water permit requirements.
3 So we are going to be talking about that as I
4 go through the objectives for our project. So if we can
5 go back and then talk about the contaminant plume, the
6 source, and where it's located. So I'm looking at this
7 map here. Here is Vanowen Street. Some of the wells --
8 well 23 is right there so the library where we are right
9 now is right here. And some of the wells, like I said,
10 go as far west as Fulton. And we are talking about
11 primarily the wells that are located within the fence
12 property at Whitsett Park.
13 If you look at this -- this map, it was
14 generated by the U.S. Environmental Protection Agency,
15 USEPA and it shows contaminant levels where 1,4-dioxane
16 has been detected in the groundwater in excess of -- if
17 you can see that, the bottom corner here -- in excess of
18 one part per billion. One part per billion is the
19 USEPA's notification level. And that's the level at
20 which we have to notify our regulators, in addition
21 drinking water that we have detected the chemical.
22 The legend here shows that the darker portions
23 of this plume map indicate higher concentrations of
24 1,4-dioxane. So what you can see is the higher
25 concentrations are located, generally, here. And our

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1 wells have already experienced -- or we have observed
2 concentrations within the lighter portions of that
3 plume.
4 More recent data actually shows that some of
5 the wells are -- have received water that exceeds that
6 notification level by ten times. The notification
7 level; what that means is that we've had some decision
8 making on what -- what wells to operate and some of them
9 have had to be shutdown as a result.
10 There are response actions separately that are
11 being coordinated by the USEPA and by the Regional Water
12 Quality Control Board related to the potential discharge
13 of this contaminant, 1,4-dioxane in this area. There is
14 a former landfill that is located, approximately, in
15 this area here, and it has been identified by the
16 Regional Water Quality Control Board as a potential
17 source of this contaminant and they are currently
18 working with the former landfill to develop response
19 actions to manage the source that is present there.
20 Also, I wanted to point out that while these
21 are happening in -- closer to the source. So the higher
22 concentrations -- the lower concentration portions of
23 the plume have already begun to impact some of our
24 wells, and that management of the lower concentration
25 plume -- so that these plume elements here are what

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1 we're here to discuss tonight.
2 So what is 1,4-dioxane? It's a synthetic
3 chemical. It was used in industry for a number of
4 different uses and it, basically, has a number of
5 characteristics that -- one of which is particularly
6 problematic when it reaches groundwater. That is
7 because it completely dissolves in water and travels
8 rather quickly.
9 What that means is that once it reaches
10 groundwater, we have a limited amount of time to act and
11 it could present an imminent threat to other wells if we
12 do not act quickly enough to capture that plume that is
13 currently already arrived at some of our wells.
14 The reason -- the reason we are focusing on
15 the 1,4-dioxane -- one of the reasons, I just explained
16 to you is because of the nature of the contaminant. The
17 fact that it is completely going to dissolve in water
18 once it reaches the groundwater, and it raises the level
19 of urgency in our response action.
20 It all -- and that's the one of the -- one of
21 the -- I'm going to give you the three major reasons why
22 we're focusing on 1,4-dioxane right now as an interim
23 action.
24 The second reason is that it already has
25 significantly impaired our beneficial uses of the

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1 groundwater at this particular well field. So I pointed
2 out that we've already experienced some of those higher
3 levels of 1,4-dioxane at some of the wells.
4 The third reason is that 1,4-dioxane is
5 capable of being treated, managed with technology that
6 is separate and different than technologies for other
7 chemicals. So, for example, one of the -- one of the
8 other contaminants that have been encountered here
9 within the groundwater basin that are described to an
10 extent in our program summary are volatile organic
11 compounds. And those compounds are able to be treated
12 and managed with different technology than what is
13 appropriate for a chemical like 1,4-dioxane, so you
14 can't use one technology for everything.
15 The reason that we are calling this an Interim
16 Action is that this is not our final response action for
17 this area. The Interim Action, as explained by the
18 USEPA allows us to proceed with an action that is
19 limited in scope and only addresses specific areas in
20 media that will also be addressed by a final site or
21 what they call operable unit treatment facility. That
22 addresses all of the contaminants at a later time. So
23 we have one contaminant now that we are trying to
24 address more urgently but it will be part -- we will be
25 considering one or more additional response actions or

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1 projects to be evaluated at a future date to address the
2 broader VOC or Volatile Organic Compound Contamination
3 that exists in the area.
4 And this is discussed in the remedial
5 investigation feasibility study documents that are
6 available on line and in our information repository. So
7 I will talk to you more about that in just a few
8 moments.
9 So I did want to talk to you, also, in terms
10 of some background about some existing with response
11 actions that are currently underway in the San Fernando
12 Valley. There are a number of discrete and separate
13 response actions in this area and they're -- I can point
14 to the map. They're located, basically, east and south
15 of the area that we are in now. One of them is called
16 the North Hollywood operable unit. It's a separate
17 action. The name might sound a little bit similar but
18 they are treating separate areas in groundwater from
19 differently indications. Also, the Burbank operable
20 unit and the north and south operable unit in Glendale.
21 So the -- the term Super Fund it listed here.
22 We wanted to put it on here in case you heard it before.
23 This is part of a federal law that allows us to recover
24 costs from potentially responsible parties that may have
25 contributed to the contamination in the ground. So as

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1 part of the city, we -- we're not responsible for the
2 contamination and we're going to be proactively seeking
3 cost recovery, if we can, for making sure that the costs
4 for our rate payers are offset by those that were
5 responsible, if we can.
6 So I also want to tell you about the health
7 risk evaluation that was done for this particular
8 Remedial Action. It was conducted to assess risks,
9 health risks, posed by groundwater contamination if
10 there is no response action. One of the -- the exposure
11 would be through ingestion of groundwater so by drinking
12 the groundwater or inhalation.
13 And the conclusion was that the concentrations
14 found in 1,4-dioxane found in our production wells
15 resulted in potential risks from cancer and non-cancer
16 influence.
17 What does that mean? Well, I will tell you
18 one -- I want to clarify this study does not evaluate
19 risks to an individual or to any specific population.
20 Instead, it takes a number of very conservative
21 assumptions that are setup by USEPA and applies them to
22 a hypothetical individual; somebody in theory who is
23 exposed to the groundwater and that receives the
24 groundwater without treatment.
25 According to this EPA Guidance, we are not --

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1 we do not evaluate or did not evaluate in this health
2 risk study, the quality of the water currently being
3 served to our customers today. So I want to make sure
4 that that point is clear. The water that we are serving
5 to our customers today is safe. And if you have
6 questions about that, we have some links, also located
7 at our website, regarding our annual water quality
8 reports.
9 The human health risk evaluation is one of the
10 documents that's available on our website. So if you're
11 interested in reading up on that, it is available there
12 and also at our repositories that we will have a list of
13 where those repositories are shortly.
14 So we want to focus a little bit on the
15 remedial investigation and the feasibility study. These
16 are documents that were published at the beginning of
17 the public comment period in early December and are
18 available for review and we're receiving public comment
19 on those documents tonight and until February 27th of
20 2017.
21 The Remedial Investigation provides
22 information on-site characterization; where and the
23 nature of the contaminations; and the baseline risk
24 assessment that I just described. The feasibility study
25 develops and analyzes -- takes that information to

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<p>1 develop and analyze alternatives to remediate that 2 contamination.</p> <p>3 We identified and screened remedial 4 technologies to figure out what is going to be best -- 5 the best way to clean it up. And developing and 6 analyzing alternatives in detail, and there are nine 7 evaluation criteria that are the basis of how we 8 selected a Remedy, and I will go over those in a few 9 minutes.</p> <p>10 To summarize, there are four remedial action 11 objectives. Basically, the objectives of our project 12 are to protect human health and the environment; to 13 limit the migration of 1,4-dioxane and groundwater; to 14 remove the 1,4-dioxane from the groundwater; and to 15 restore our ability to operate our wells according to 16 how we have historically operated them, according to our 17 plan uses.</p> <p>18 That's basically a summary and we can read a 19 little bit more in depth in our documents. We also 20 developed preliminary clean-up goals for contaminants 21 that are identified in this area. As I mentioned, 22 1,4-dioxane is one of these contaminants and there are 23 others; PCE, TCE and 1,1,1-TCE that were also identified as 24 contaminants, potential contaminants that we would 25 ultimately want to clean up.</p> <p style="text-align: right;">17</p>	<p>1 where the contaminant is and how it's moving.</p> <p>2 There are three remedial alternatives. The 3 first one is no action, what if we do nothing? That is 4 required by the national contingency plan guidelines, 5 which were -- our -- one of our -- one of LADWP's -- the 6 intent is to be in substantial compliance with the 7 National Contingency Plan, which allows us to then go 8 back and recover costs, if we can, from potentially 9 responsible parties.</p> <p>10 The second alternative that we will be 11 discussing is alternate water supply. And the third 12 alternative is groundwater pump and treat or direct 13 domestic use.</p> <p>14 So alternative one is no action. It's 15 required by the National Contingency Plan Guidelines and 16 it would involve existing pumping at our wells 17 consistent with the -- what our domestic drinking water 18 supply permit says. There will be no containment or 19 treatment involved with this action.</p> <p>20 And what -- based on our analysis at least 21 seven wells would be removed from production due to 22 1,4-dioxane concentration succeeding that notification 23 level we were just discussing.</p> <p>24 Alternative two, alternate water supply. In 25 this alternative, LADWP would implement institutional</p> <p style="text-align: right;">19</p>
<p>1 And the Interim Action that we're discussing 2 tonight basically deals with the 1,4-dioxane, which is 3 the first one listed here on this table. What I wanted 4 to point out is this preliminary clean-up goal, which is 5 based on the California Notification Level, NL, so 6 notification level basically means that this contaminant 7 does not have a established regulatory limit that is 8 setup for drinking water at this time.</p> <p>9 What that means is that there -- there is a 10 quite a number of chemicals and contaminants that we 11 monitor of our water for all the time. And many of 12 those have maximum contaminant levels MCL's that we have 13 to meet in order to serve the water to our customers. 14 When or if a contaminant does not have a maximum 15 contaminant level already established by the either of 16 USEPA, the State of California.</p> <p>17 Then we might have for the chemical a level at 18 which we have to notify the regulator that it's present. 19 So that is the situation of 1,4-dioxane. We do not have 20 an MCL; we have a notification level and that level is 21 one part per billion.</p> <p>22 Okay. So we will be discussing three remedial 23 alternatives that were developed using the information 24 from the remedial investigation using the information 25 from the remedial investigation, the characterization of</p> <p style="text-align: right;">18</p>	<p>1 actions. Like, for example, Glenn Dee, alternate 2 pumping plants; alternate water supply; monitoring our 3 groundwater use restrictions. As a result of this 4 alternative, based on our analysis, at least seven wells 5 would be removed from production due to 1,4-dioxane 6 concentrations again exceeding that notification level.</p> <p>7 The alternate water supply would be secured 8 from the Metropolitan Water District from Southern 9 California, which is our local water wholesaler here in 10 L.A.</p> <p>11 Our third alternative that we evaluated was 12 the groundwater pump and treat for direct domestic use. 13 This differs from the second alternative in that. We 14 would actually contain and treat for the 1,4-dioxane; 15 human health would actually be protected by capturing 16 and removing 1,4-dioxane through a couple of different 17 ways, hydraulic controls and above ground treatment and 18 the beneficial uses of the groundwater would be restored 19 in accordance to the Regional Water Quality Control 20 Boards Basin Plant.</p> <p>21 For alternative three, one of the 22 institutional actions would be hydraulic controls. 23 Three production wells would -- three production wells 24 would draw in the 1,4-dioxane contamination and 25 essentially, based on our modeling that we have done for</p> <p style="text-align: right;">20</p>

1 the feasibility study, pull the concentrations of
2 1,4-dioxane away from other production wells. This
3 would reduce the likelihood of other groundwater
4 production wells and downgrade groundwater resources
5 being contaminated by the 1,4-dioxane.
6 So when I say hydraulic controls, this is what
7 we're talking about. The treatment of 1,4-dioxane would
8 be -- would be done with commercially available --
9 commercially available advanced oxidation prostheses
10 that use hydrogen peroxide and ultraviolet light or
11 ozone. And this has been demonstrated by -- to destroy
12 this particular contaminant. It's a treatment option
13 that has been recognized by the USEPA and the California
14 State Water -- State Water Resources Control Board.
15 Advanced oxidation process also removes other volatile
16 organic compounds present in the remediation laws.
17 So I talked about the nine evaluation criteria
18 that are established by the USEPA that allows to compare
19 alternatives against each other. So let me tell you
20 what those criteria are first and then I will tell you
21 what our comparison told us.
22 There are three different types of criteria.
23 The first type of criteria we call -- or we categorize
24 as threshold criteria. These are criteria that really
25 must be met. For example, the overall protection of

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1 human health and the environment in compliance with any
2 applicable regulatory requirements.
3 The second category are balancing criteria and
4 they include factors such as the long term effectiveness
5 or short term effectiveness of the treatment options or
6 the alternatives, implement ability and costs.
7 The third category is modifying criteria.
8 This includes state acceptance and community acceptance
9 and both of these would be evaluated after public
10 comments is received. So we -- we need to take into
11 account comments received during our public comment
12 period in order to take that into account.
13 How did our -- comparatively how did our
14 alternatives do when we evaluate them against these nine
15 criteria? Well, I have seven up here because we haven't
16 done the last two yet. State acceptance and community
17 acceptance, again, would come after.
18 So for the seven that we do -- we rated, each
19 of the criteria -- each of the alternatives, excuse me,
20 by rating them as poor, fair, or good; good being the
21 best rating. And then went through each of the
22 alternatives, which is, again, no action for alternative
23 one. Alternative two institutional actions, and
24 alternative three, groundwater pump and treat.
25 And as you can see from this table, the

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1 ratings that we assigned to these threshold criteria
2 that must have criteria and balancing out the rest of
3 the ratings for the other alternatives, we have
4 essentially a basis for the preferred alternative that
5 the staff derived at.
6 So our preferred alternative is alternative
7 three, which is groundwater pump and treat for direct
8 domestic use. This actually does meet the threshold
9 criteria and provides the best balance of trades-offs
10 for the rest of the criteria that is established by the
11 EPA; provides the highest degree of protection for human
12 health in the environment and satisfies their
13 requirements of the Comprehensive Environmental Response
14 Compensation and Liability Act, CERCLA, of 1980, which
15 is what we were talking about earlier as Super Funds.
16 So I wanted to point out a conceptual drawing
17 or layout that we have for the treatment as described in
18 the feasibility study. If you look at this schematic,
19 think about this blue line down at the bottom here as
20 Vanowen Street and the wells are located along Vanowen
21 Street. And this, going North, basically being the
22 wells within the Whitsett Park location.
23 Okay. The three wells that are highlighted
24 with the orange lines in between them, are the three
25 wells that were identified in the feasibility study as

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1 having proposed treatment attached to them.
2 Based on the analysis of the feasibility
3 study, this is what part of the hydraulic controls that
4 we were discussing that would allow the contamination
5 plume to be contained and allow us to operate and remove
6 the 1,4-dioxane from the basin.
7 You have a very simplified flow diagram here
8 discussing the steps that would be involved with
9 treatment. We -- sorry about that. We have water
10 coming from the three remediation wells; these three.
11 That water would be passed through a pre-filtration
12 process that would be some kind of filtration, sand
13 filters or some other filter. The water then would
14 be -- would receive some solution of hydrogen peroxide
15 into it. The water mixed with the hydrogen peroxide
16 would then be passed through ultraviolet light reactors,
17 basically reactors with lamps that have their -- you
18 know, very specific light frequencies to be able to
19 address the 1,4-dioxane.
20 The 1,4-dioxane is essentially destroyed in
21 that process or converted into non-hazardous elements.
22 And the water then would all go through a final
23 polishing step of granular activated carbon. This step
24 allows us to remove any excess hydrogen peroxide that
25 might still be in the water before we introduce the

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1 final water into our distribution system.
2 All of the water collected from all of the
3 wells in the North Hollywood Well West Field and other
4 wells in the area -- some of our other wells in the
5 area, all get conveyed through pipes to our location
6 called North Hollywood Pump Station. If you have ever
7 seen the tall building just west of here with the blue
8 facade, DWP Facility, that's where the North Hollywood
9 pump station is located.
10 So to review some of our next steps, the
11 comments that we receive tonight as Mr. Vale pointed out
12 your facilitator, we will be responding to public
13 comments in writing as part of your package to our Board
14 of Commissioners. They will consider adoption of a
15 record of decision. This is the official decision
16 document on what remedy they're going to select, whether
17 alternative one, two or three.
18 MR. TWINING: Are you taking questions at the
19 end?
20 EVELYN CORTEZ-DAVIS: We will be taking public
21 comment at the end.
22 MR. TWINING: Questions --
23 MS. EVELYN CORTEZ-DAVIS: Yes.
24 MR. TWINING: -- from the audience?
25 MS. EVELYN CORTEZ-DAVIS: So these documents,

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1 after the Board of Commissioners adopts a decision on
2 this project, will become available in our records for
3 depositories; we will give you the addresses in a
4 moment, and also on-line at our website. So that will
5 follow the Board of Commissioner's decision. Then we
6 would be able to proceed if our environmental document
7 is also adopted, and if there is a selection of a remedy
8 that involves construction, alternative three, then we
9 could proceed with design at that point and we would
10 potentially be able to proceed with construction as
11 early as this summer.
12 That's only if the remedy is selected during
13 the first quarter of this year. Then there would be
14 ongoing operation and maintenance of the treatment
15 facility that would be constructed located within the
16 fence property at Whitsett Park.
17 So I have mentioned these information
18 repositories a number of times. There are, basically,
19 four locations; there are library locations that are --
20 where hard copies of all of the documents are being made
21 available for review. Sometimes it is a little bit
22 easier to look at hard copies of the documents. If
23 that's the case, you can go to one of these locations
24 and look at the documents in person. And the -- all of
25 the documents that are available at these repositories

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1 are also available for download on-line or for viewing
2 on-line at LADWP dot com slash remediation.
3 Again, that's the website on the back of our
4 Program Summary and you can access all of the documents
5 there. And that concludes my portion of the
6 presentation.
7 Thank you.
8 So I wanted to clarify one point. The
9 notification level for contaminants in drinking water is
10 established by the Division of Drinking Water, State of
11 California. I might have said something different
12 earlier; I did not mean to state anything other than
13 that. DDW, Division of Drinking Water establishes
14 notification levels. This is -- I just wanted to make
15 sure that our record for the transcript is accurately
16 reflecting what I meant to say.
17 MR. TWINING: Questions --
18 DAVID VELA: All right. Thank you, Miss
19 Cortez-Davis. We are now going to open the public
20 comment. Part of the presentation, as I mentioned, the
21 blue comment card is where you can actually put either
22 your comment for the presentation in writing, turn it in
23 to Miss Cotterell. You can also go ahead and raise your
24 hand if you have a comment or a question. Either put it
25 on here or you can go ahead and raise your hand and I

27

1 will be taking the public comment -- and then
2 Miss Cotterell would come to you.
3 I do want -- I do have this gentleman here
4 first, who is asking questions. We will go to you and
5 then the gentleman in the back. But, again, if you
6 could announce your name, I really appreciate it for our
7 transcriber.
8 MR. TWINING: Yeah. It's -- Steve Twining is
9 my name. I'm on the MLU with the DWP.
10 DAVID VELA: Okay.
11 STEVE TWINING: And so my question is, I would
12 like to understand the wells a little better. How deep
13 are these wells? Do we have any idea? And can you
14 describe the configuration of the wells? What are they
15 made out of?
16 EVELYN CORTEZ-DAVIS: So our wells in this
17 particular well field are hundreds of feet deep.
18 The groundwater.
19 MR. TWINING: Hundreds of feet? Two hundred?
20 Five hundred? 1000?
21 EVELYN CORTEZ-DAVIS: You know, I -- I
22 apologize. I -- my short-term memory is failing me here
23 but I am going to -- I might be able to look that up
24 quickly.
25 MR. TWINING: Okay.

28

1 EVELYN CORTEZ-DAVIS: The wells are
2 configured -- we have standards of how to -- how our
3 wells are installed. Some of our wells, as you saw were
4 installed many years ago, so when we go back and
5 rehabilitate some of the wells and then we would follow
6 all our new standards for the casing that gets
7 installed.
8 MR. TWINING: So is the casing cement or is it
9 steel?
10 EVELYN CORTEZ-DAVIS: No. It's typically --
11 typically steel. And so if there is additional
12 information that you would like to have on that we can
13 provide that.
14 MR. TWINING: How do they get full -- how do
15 the wells get full; is it only groundwater?
16 MS. EVELYN CORTEZ-DAVIS: Yes.
17 MR. TWINING: And how wide of a -- a take-in
18 or whatever the word is.
19 DAVID VELA: Diameter of the pipe.
20 MR. TWINING: What is the diameter going into
21 the -- going into the well.
22 EVELYN CORTEZ-DAVIS: So -- so if I want to
23 clarify what you're asking me. It's what the dimension
24 of the well is and then the area where that well draws
25 water from.

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1 MR. TWINING: Yes.
2 EVELYN CORTEZ-DAVIS: So there if you -- you
3 recall how spread out the wells were between here and
4 going back east, as far as -- as far west as Fulton
5 Avenue, they're spread out that weigh to account for how
6 the water moves so that when we start pumping, they
7 don't end up interfering with each other. We can't
8 necessarily put a whole lot of wells right next to one
9 another in certain areas.
10 So it's the -- when we start pumping basically
11 it create what we call a cone, like you -- you're
12 sucking the water in, so you want to make sure that you
13 are spacing out the wells appropriately so that you
14 don't end up effecting one well based on how you pump
15 another well.
16 MR. TWINING: So are they getting filled with
17 all of the rain that we've been having?
18 EVELYN CORTEZ-DAVIS: So the -- the well --
19 the water from the wells is received from the
20 aqua-birth, the groundwater. We are replenishing
21 groundwater with some of the storm water that is being
22 captured right now but that has to travel down in order
23 to become groundwater. But there is always -- there is
24 water underneath in the San Fernando groundwater basin
25 that is basically moving, generally, to the west and

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1 south -- sorry, to the east and south all the time.
2 So, you know, it depends on whether or not we
3 are operating those wells. But they are basically
4 getting full with the groundwater that's there.
5 MR. TWINING: And the proposed treatment
6 center, what was the precise location of that again?
7 SARAH RAMSAWACK: You said some blue building
8 west of here.
9 EVELYN CORTEZ-DAVIS: No. No. I'm sorry, no.
10 That's -- what I mentioned is the North Hollywood pump
11 station is the location where water after treatment
12 would end up.
13 SARAH RAMSAWACK: Oh.
14 EVELYN CORTEZ-DAVIS: That is not for the
15 treatment and 1,4-dioxane, that is not what we're
16 discussing. The treatment facility would be located --
17 if the --
18 MR. TWINING: Board approves --
19 EVELYN CORTEZ-DAVIS: Board of Commissioner
20 approves it to proceed would be in the fenced property
21 at Whitsett Park. There are wells already there. They
22 have been operating for a number of years. That's where
23 we would put it.
24 MR. TWINING: Roughly, how large is the
25 facility you are talking about?

31

1 MS. EVELYN CORTEZ-DAVIS: I'm going to try to
2 do this without giving you a headache here. I'm going
3 to try to go back to the map, which will make it a
4 little easier to show you.
5 Here it is. So here is the -- just to give
6 you a sense of scale, here is the 170 freeway and here
7 is Whitsett Avenue. So you have a sense of how far
8 apart those are.
9 STEVE TWINING: Yeah.
10 MS. EVELYN CORTEZ-DAVIS: This triangular area
11 here is within the fence, LADWP property that currently
12 has wells. And based on conceptual preliminary
13 schematics, we anticipate that all of the treatment
14 facilities could possibly be located here within that
15 fence, the northern part of the fence property.
16 MR. TWINING: Do you have any idea of the size
17 of the fence property?
18 EVELYN CORTEZ-DAVIS: The size?
19 MR. TWINING: Of the property. Is it --
20 EVELYN CORTEZ-DAVIS: You're asking all the
21 great questions.
22 STEVE TWINING: -- an acre? Five acres?
23 MS. COTTERELL: We have other questions, too,
24 so we want to make sure everybody gets through
25 questions and --

32

1 EVELYN CORTEZ-DAVIS: You know, I -- we can --
 2 we can look that up.
 3 MR. TWINING: Thank you very much.
 4 DAVID VELA: Thank you.
 5 MR. TWINING: Excellent presentation, by the
 6 way.
 7 DAVID VELA: Yes, thank you, Miss
 8 Cortez-Davis. We are going to go ahead and do two more
 9 questions. She actually was first.
 10 MS. COTTERELL: Okay.
 11 DAVID VELA: I do want to remind you, again,
 12 just really quickly that if you don't want to do your
 13 public comment out loud, you just turn it in. Wright it
 14 here, turn it in, it will get recorded and it will be
 15 addressed in the Board of Water and Power Commissioners.
 16 That will be on the website. It will be addressed.
 17 But, yes, if you can state your name, Ma'am,
 18 please and then ask your -- actually do your public
 19 comment.
 20 SARA RAMSAWACK: My name is Sara Ramsawack. I
 21 don't know enough to make a comment but I do have a
 22 question. First of all, Mr. Twining was talking
 23 about -- Oh, gracious, the depth, the depth of the
 24 wells. I was told when five people came to our council
 25 meeting to talk about water, that some of the wells --

33

1 some of the groundwater was -- no, correction.
 2 I'm mixing two things. Please forgive me.
 3 When you started doing these testing of the
 4 wells back in 2012 and '13 and '14 and so on, testing
 5 the wells, I stopped and talked to the supervisor at
 6 some of these locations and was asking the very same
 7 question that Mr. Twining said. How deep is it? And he
 8 was telling me that some of them range from -- down to a
 9 hundred feet deep or 500 or 1000 or even deeper. So I
 10 got that information on the site for that particular
 11 thing.
 12 But the question that I have was, based on
 13 this very splendid presentation that you gave, but you
 14 said that there were three different ways for destroying
 15 the dioxane, hydrogen peroxide, ultraviolet light
 16 treatment and the ozone. But then when you -- when we
 17 got down further, it said that the granulated active
 18 carbon. Now is that the -- is that the ozone treatment,
 19 the granulated active carbon?
 20 EVELYN CORTEZ-DAVIS: No. So --
 21 SARA RAMSAWACK: Then I'm mixed up on it.
 22 EVELYN CORTEZ-DAVIS: So just to clarify. The
 23 advance oxidation process that is described in the
 24 feasibility study would include a sequence of treatment
 25 steps.

34

1 SARA RAMSAWACK: Huh-uh.
 2 EVELYN CORTEZ-DAVIS: It begins with hydrogen
 3 peroxide being introduced into the water --
 4 SARAH RAMSAWACK: Yes.
 5 MS. EVELYN CORTEZ-DAVIS: -- then the water
 6 mixture with the hydrogen peroxide would be exposed to
 7 ultraviolet light or ozone.
 8 SARA RAMSAWACK: Or ozone.
 9 EVELYN CORTEZ-DAVIS: Yes. So that's the
 10 information that you're seeing in there --
 11 SARAH RAMSAWACK: Oh, okay.
 12 MS. EVELYN CORTEZ-DAVIS: -- in the
 13 feasibility study. That is what is presented there;
 14 that's what I wanted to make sure that it's not -- it's
 15 clear.
 16 And then the granular activated carbon would
 17 be the final step to make sure that any hydrogen
 18 peroxide that is still in the water gets removed.
 19 SARA RAMSAWACK: Okay. Thank you. Thank you.
 20 DAVID VELA: Okay. And then one more
 21 question --
 22 MICHAEL MENJIVAR: Yes.
 23 DAVID VELA: -- or comment.
 24 MICHAEL MENJIVAR: Sure. So my name is
 25 Michael. I am with the neighborhood council. So the

35

1 two-parts question regarding the source of the
 2 contamination.
 3 So the first is you mentioned -- the presenter
 4 mentioned that the super funds, you can try to recover
 5 the costs or to offset some of the costs. So does that
 6 imply that if all of the costs are not recovered from
 7 whoever created the contamination, that the rate payers
 8 would then be responsible for covering the costs of the
 9 this contamination clean up?
 10 The second part is, and I apologize I was a
 11 little late so I don't know if you mentioned this. But
 12 you -- I know at the first public comments you said that
 13 you believe that the source comes from -- came from a
 14 landfill, a former landfill that was in Sun Valley.
 15 So could you provide an explanation on how --
 16 that a landfill a decent distance away would contaminate
 17 the wells over here?
 18 EVELYN CORTEZ-DAVIS: So for your first
 19 question is regarding cost recovery. I'm trying to
 20 retrace back your question and make sure that I remember
 21 it right.
 22 So, yes, the rate payers would be asked to,
 23 basically, put some of the costs to -- to install the
 24 remediation, the treatment as we, in the parallel track,
 25 try to recover those costs. At the same time, we're

36

1 also identifying other sources of funding that hopefully
2 can offset that impact to rate payers. That's very
3 important to us. So we're going to be seeking funding
4 from the State of California, also.
5 MR. TWINING: How about the EPA?
6 EVELYN CORTEZ-DAVIS: So any -- any sources of
7 money that are -- that are available that we are
8 eligible for this particular activity, we're going to be
9 proactively seeking that. We have to figure out how
10 applicable the funding sources are. And while there
11 they may not -- you know, how many there are out there,
12 they have requirements associated with them all of the
13 time so we have to make sure that we meet those
14 eligibility requirements for this particular project.
15 Your second question.
16 MS. COTTERELL: You want to repeat it?
17 MS. EVELYN CORTEZ-DAVIS: Sure. Please.
18 MICHAEL MENJIVAR: And I apologize if I got
19 the landfill's location incorrect but, I believe, you
20 had mentioned that it was in Sun Valley.
21 SARA RAMSAWACK: No, it's not. Right here.
22 EVELYN CORTEZ-DAVIS: So it's actually
23 located -- it -- the site is located in this general
24 area.
25 MICHAEL MENJIVAR: I apologize. I take that

37

1 back.
2 SARA RAMSAWACK: That's between --
3 MS. EVELYN CORTEZ-DAVIS: Generally, yeah.
4 SARAH RAMSAWACK: -- the freeway and Laurel
5 Canyon.
6 MS. EVELYN CORTEZ-DAVIS: Yeah, just north of
7 this area here.
8 MICHAEL MENJIVAR: Okay.
9 DAVID VELA: Thank you, Miss Cortez-Davis.
10 And, again, I do want to remind you once more
11 that the blue comment card can be turned in at the end
12 in order for you to provide public comment to this
13 presentation, as well as mail it in or e-mail in your
14 comment and it's here --
15 MS. EVELYN CORTEZ-DAVIS: Or fax.
16 DAVID VELA: -- or fax. And it's here in the
17 actual comment card itself.
18 So now we're going to move -- we're going to
19 move on to the -- okay.
20 EVELYN CORTEZ-DAVIS: Sorry.
21 DAVID VELA: No, that's fine. You have got
22 longest presentation of everyone.
23 So we're going to move forward towards the
24 CEQA Presentation for tonight and I want to go ahead and
25 hand this over to Miss Nadia Parker, who is supervisor

38

1 in the Environmental Planning and Assessment Group for
2 LADWP.
3 Thank you.
4 MS. PARKER: Good evening and thank you
5 everyone for coming. I will start off by just
6 describing a little bit about what I'm going to cover
7 today. As was mentioned earlier, I am going to cover
8 the California Environmental Quality Act commonly known
9 as CEQA. I will talk about what it is and how and why
10 it applies to this project, what CEQA looks at, the
11 environmental factors which it considers. I will
12 describe the mitigated negative declaration that's been
13 prepared and is available for public review right now,
14 as well as next steps where you can find information.
15 And then there will be a similar opportunity for
16 comments or questions.
17 So the California Environment Quality Act or
18 CEQA is a state law requiring the local agencies
19 identified significant environmental -- potential
20 significant environmental impact of their actions and to
21 avoid or mitigate them when feasible.
22 It applies to what is called discretionary
23 actions taken by local government, such as the Los
24 Angeles Department of Water and Power. And the general
25 goal is to prevent significant avoidable impacts to the

39

1 environment by doing an analysis and then possibly
2 revising the project or unplume any litigation measures
3 or alternatives to mitigate those -- those impacts.
4 CEQA applies to the North Hollywood West Field
5 Treatment Project because it a discretionary action.
6 And what I mean by that is, you know, the process that
7 Evelyn has just gone into great detail describing about
8 the defecation of the contamination source and the
9 feasibility study to develop alternatives on how to
10 treat that. The board will have to make a decision on
11 one of those treatment methods. And so that is the
12 discretionary action that CEQA applies to.
13 We did the CEQA analysis on the preferred
14 alternative, which again Evelyn just described in great
15 detail, that's alternative three. And, again, the
16 analysis intent was to assess the potential impact to
17 the physical environment during the construction
18 operation of the well -- the water treatment system.
19 The California Environmental Quality Act
20 requires us to look at multiple environmental factors
21 and to assess the potential impact. This is a list of
22 all of them here. The most common ones we see in an
23 urban project in our potential Air Quality Impact,
24 Biological Resources, Cultural Resources, Green House
25 Gases, sometimes traffic. Our big ones that we often

40

1 see in the city, but this is the whole list of factors
2 that we look at.
3 Under CEQA, you can prepare what is known as a
4 mitigated negative declaration. When you do your
5 analysis and the project has potentially significant
6 effect on the environment, but revisions to the project
7 or the incorporation of mitigation measures, which I
8 will talk a little bit more about later in detail, those
9 identified for this project, are added to the project to
10 the point where no significant impact to the environment
11 would occur.
12 The proposed project that we analyze in this
13 MND, again, is based on the proposed plan in the RIFS,
14 which Evelyn described earlier. So, again, CEQA looked
15 at the implementation of the project, actually
16 constructing this treatment facility and the operation.
17 And so the implementation of the project, once it is --
18 would be approved by the Board of Water and Power
19 Commissioners would include design, procurement,
20 purchasing materials, construction and then
21 commissioning.
22 And so our CEQA analysis focused on 12 months
23 for the construction of the project and then the
24 subsequent operation. In order to construct the
25 treatment facility as Evelyn was just describing, the

41

1 various phases, including the UV and the hydrogen
2 peroxide and the granular activated carbon, it would
3 require, on that site, which I will show you again in a
4 second, preparing the site for construction, building,
5 conduit, pipe and concrete pad for the equipment and
6 building the structures.
7 During that time, approximately 12 months you
8 would see construction activity occurring on the park
9 site with the peak of about 20 on-site personnel for
10 several months. But usually six or fewer are on the
11 site during that construction phase. The peak would be
12 about five trucks for several months. You would require
13 some heavy equipment, such as dozers, loaders, trucks
14 and cranes. And all activity would occur within the
15 existing LADWP fenced area, and so it would not impact
16 the adjacent park. Again, it would be all within this
17 existing fenced property adjacent to the freeway.
18 The conclusions from our analysis is that
19 during construction most of the factors analyzed were
20 under the threshold of significance established under
21 the CEQA guidelines. There were potentially --
22 potential impact for biological and cultural resources
23 and so mitigation measures, which I will list in a
24 moment, were recommended to reduce these levels to less
25 than significance.

42

1 During operation when everything is in and
2 running and cleaning the water, there would be no
3 significant impact during the operation of the project.
4 The pump and equipment would result in negligible air
5 omissions and green house gases. All waste water would
6 be handled by existing sewer systems and their capacity
7 constraints. And the noise from running the pumps would
8 be less than significant in the area.
9 The two mitigation measures that were
10 incorporated as part of the mitigated negative
11 declaration involve biological resources and cultural
12 and tribal resources. And, basically, they involve
13 pre-construction surveys to avoid impact to nesting
14 birds or bats, to species that could be present in that
15 area and also avoiding any protected trees, such as
16 oaks. So fairly standard mitigation measures are
17 incorporated into projects like this.
18 Similarly, monitoring and resource protection
19 would be implemented for potential cultural or tribal
20 resources that maybe unearthed during the digging and
21 grading required to build the site.
22 And that brings us to our next steps. At the
23 end of the comment period, we will prepare responses to
24 those comments, which will be included in the board
25 package that goes to the Los Angeles Department of Water

43

1 and Power Board of Commissioners. This would be
2 subsequent to them approving the proposed alternative
3 that Evelyn described.
4 If it is alternative three, they would approve
5 that, then approve the mitigated negative declaration.
6 CEQA has its own notice of determination that will also
7 be filed, which is an official decision document. Then
8 it would move into design and the construction of the
9 remedial action.
10 All of the information that the MND covered --
11 the MND itself is available at several information
12 depositories, including this library right here. This
13 is also available on line at DWP -- LADWP dot com slash
14 environmental notices.
15 And that is the end of my presentation.
16 Thank you.
17 DAVID VELA: Thank you, Miss Parker.
18 At this time, I would like to open the public
19 comment portion of the CEQA Presentation. This time you
20 can fill out the yellow card. Again, you can just fill
21 out your comment, turn it in to Miss Cotterell, mail it,
22 fax it or e-mail it.
23 Again, also, I am able to take public comment
24 from you tonight, as well, for this presentation so I
25 will open it up now if there is any public comment from

44

1 the audience on the CEQA presentation only.
2 Okay. Great. So, sir, we're going to go to
3 the back with this young lady first and then we will go
4 to you, Mr. Twining.
5 WENDY TONG: Hi, my name is Wendy.
6 DAVID VELA: Wendy, can you state your last
7 name?
8 WENDY TONG: Wendy Kis Tong (sic) I'm from the
9 Com Thai Community.
10 DAVID VELA: Okay.
11 WENDY TONG: I have questions about the -- you
12 said about the EPA that you did, you know, some
13 assessment. Do you have a detail how you did
14 assessment? Like you say there is no impact and
15 everything is in the guideline. You know, we talk
16 about, like, (inaudible) you did the research or you
17 going to do.
18 DAVID VELA: Okay. Miss Parker, will provide
19 some comments.
20 NADIA PARKER: I don't believe I said EPA; if
21 I did, I misspoke. But we applied -- the California
22 Environmental Quality Act has a set of guidelines and
23 instructions for assessing potential impacts to all
24 those factors that I listed, Air Quality, Biological and
25 Cultural. So we have done an assessment based on the

45

1 proposed construction information to measure, for
2 example, you mentioned air quality, the air omissions
3 that would come from the construction vehicles. And
4 they're calculated in spreadsheets and compared to
5 threshold set under the CEQA guidelines. And we've done
6 that analysis and therefore determined there are no
7 significant impacts for air quality, for example.
8 Does that answer your question?
9 WENDY TONG: Yes. But is it all data is on
10 the website or --
11 MS. PARKER: It is within the mitigated
12 negative declaration, which is available in hard copy
13 form here or on line, yes.
14 WENDY TONG: Oh, Okay.
15 NADIA PARKER: And there are technical reports
16 that outline all the analysis.
17 DAVID VELA: Okay. Thank you.
18 Thank you so much.
19 And then Mr. Twining.
20 STEVE TWINING: Yes. Excellent presentation,
21 again. Anyone who wants to see the processes that are
22 going to go on there, you can go to Orange County.
23 Orange County has a facility immediately adjacent to its
24 sewage facility that filters the water and the three or
25 four stages. And at the end, you can -- one can drink

46

1 the water. So I strongly recommend anyone who wants to
2 see the processes that will go on in that building to go
3 to visit the Orange County -- they have -- they take
4 tours all the time. And it seems to me that this --
5 this facility will be needed in order to solve the
6 problem that exists.
7 Thank you.
8 DAVID VELA: Thank you, Mr. Twining.
9 And I do want to remind everyone that the
10 public comment portion of both presentations, the
11 deadline is February 27th, 2017 at 5 p.m.
12 If there is no further comments -- Oh, yes.
13 If you can state your name, please.
14 Thank you.
15 ELVA CLYDE: Hello, I'm Elva Clyde. I'm a
16 contractor, I work for EPA so I'm here to listen for
17 EPA, but I just have a question on the schedule for
18 CEQA. And I noticed on the Program Summary you don't
19 show when you anticipate CEQA ruling from the State and
20 how that interfaces with the design process.
21 DAVID VELA: Miss Parker.
22 MS. PARKER: Well, we don't have a specific
23 time-line, in general, just because we're not entirely
24 sure how long it will take us to respond to comments.
25 We've already extended the comment period once

47

1 so we were careful to put a strict schedule down. And
2 our CEQA document will go to our Board of Water and
3 Power Commissioners. At some point -- you know, I
4 hesitate to commit to a certain date but we hope within
5 first quarter or -- we're almost at the end of first
6 quarter, but early half of this year is when we
7 anticipate it. But we haven't put a date down yet just
8 because we're still going through this process. We
9 don't know what comments we're going to receive.
10 DAVID VELA: Thank you for addressing that
11 comment, Miss Parker.
12 Any further comments on the CEQA presentation?
13 Do we have one more -- oh, yes, Mr. Twining.
14 MR. TWINING: Sorry.
15 DAVID VELA: We're going to take one more
16 comment from Mr. Twining.
17 MR. TWINING: I have seen a -- the future of
18 how we're going to get our water in Los Angeles and
19 they're projecting in 20 or 30 years that, I believe, an
20 8 percent of the water will come from groundwater and
21 from these wells.
22 Thank you.
23 DAVID VELA: Thank you for that comment. If
24 there isn't any further comment, I want to give one last
25 thing. And we just want to thank you for tonight for

48

1 coming. We really appreciate your interest and please
2 have a great night and drive safe.
3 Thank you very much.
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5 (Whereupon the public meeting adjourned at 7:15 p.m.)
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ability 17:15 22:6	address 4:23 13:24 14:1 24:19	19:20 20:4 24:2 40:1,13 40:16 41:5,22 42:18 46:6,16	29:24 32:10 37:24 38:7 42:15 43:8,15	background 5:23 6:6,18 14:10
able 4:17,23 7:8 7:11,22,23 13:11 24:18 26:6,10 28:23 44:23	addressed 13:20 33:15,16	analyze 17:1 41:12	areas 13:19 14:18 30:9	balance 23:9
acceptance 22:8 22:8,16,17	addresses 13:19 13:22 26:3	analyzed 42:19	arrival 9:15	balancing 22:3 23:2
access 27:4	addressing 48:10	analyzes 16:25	arrived 12:13	based 18:5 19:20 20:4,25 24:2 30:14 32:12 34:12 41:13 45:25
account 22:11 22:12 30:5	adjacent 8:15 42:16,17 46:23	analyzing 17:6	asked 36:22	baseline 16:23
accurate 3:8	adjourned 49:5	Angeles 8:6 39:24 43:25 48:18	asking 28:4 29:23 32:20 34:6	basically 6:24 7:1,4,21 9:9 12:4 14:14 17:11,18 18:2 18:6 23:21 24:17 26:18 30:10,25 31:3 36:23 43:12
accurately 27:15	adopted 26:7	announce 28:6	assess 15:8 40:16,21	basin 1:4 6:19 7:2,3,5,9,19 13:9 20:20 24:6 30:24
acre 32:22	adoption 25:14	annual 16:7	assessing 45:23	basis 17:7 23:4
acres 32:22	adopts 26:1	answer 46:8	assessment 3:22 16:24 39:1 45:13,14,25	bats 43:14
act 3:19 12:10 12:12 23:14 39:8,17 40:19 45:22	advance 34:23	anticipate 32:13 47:19 48:7	assigned 23:1	beginning 16:16
action 2:11 3:12 3:25 5:11,18 5:24 6:25 12:19,23 13:16 13:16,17,18 14:17 15:8,10 17:10 18:1 19:3,14,19 22:22 40:5,12 44:9	advanced 21:9 21:15	apart 32:8	associated 3:23 37:12	begins 35:2
actions 11:10,19 13:25 14:11,13 20:1,22 22:23 39:20,23	ago 29:4	apologize 28:22 36:10 37:18,25	assumptions 15:21	begun 11:23
activated 24:23 35:16 42:2	ahead 27:23,25 33:8 38:24	applicable 22:2 37:10	attached 24:1	believe 5:8 36:13 37:19 45:20 48:19
active 34:17,19	air 40:23 43:4 45:24 46:2,2,7	applied 45:21	audience 25:24 45:1	beneath 7:4
activity 37:8 42:8,14	allow 24:4,5	applies 15:21 39:10,22 40:4 40:12	available 2:25 3:3 5:5 6:14 14:6 16:10,11 16:18 21:8,9 26:2,21,25 27:1 37:7 39:13 44:11,13 46:12	beneficial 12:25 20:18
actual 3:16 38:17	allows 13:18 14:23 19:7 21:18 24:24	appreciate 28:6 49:1	avoid 39:21 43:13	best 17:4,5 22:21 23:9
ADAMS 1:21	alternate 19:11 19:24 20:1,2,7	appropriate 13:13	avoidable 39:25	better 28:12
added 41:9	alternative 6:2 19:10,12,14,24 19:25 20:4,11 20:13,21 22:22 22:23,24 23:4 23:6,6 25:17 26:8 40:14,15 44:2,4	appropriately 30:13	avoiding 43:15	big 40:25
addition 10:20	alternatives 5:25 6:1 17:1,6 18:23 19:2 21:19 22:6,14 22:19,22 23:3 40:3,9	approve 44:4,5		billion 10:18,18 18:21
additional 13:25 29:11	amount 12:10	approved 41:18	B	biological 40:24 42:22 43:11 45:24
	analysis 6:1	approves 31:18 31:20	back 3:4 4:14 6:11 10:5 19:8 27:3 28:5 29:4 30:4 32:3 34:4 36:20 38:1 45:3	birds 43:14
		approving 44:2		bit 6:6,23 14:17 16:14 17:19
		approximately 8:4 11:14 42:7		
		aqua-birth 30:20		
		aquifer 7:10		
		area 7:10 8:1,15 11:13,15 13:17 14:3,13,15 17:21 25:4,5		

26:21 39:6 41:8 blue 4:12 6:11 23:19 25:7 27:21 31:7 38:11 board 4:5 9:12 11:12,16 21:14 25:13 26:1,5 31:18,19 33:15 40:10 41:18 43:24 44:1 48:2 Boards 20:20 bottom 10:17 23:19 break 3:11 brings 43:22 broader 14:2 build 43:21 building 25:7 31:7 42:4,6 47:2 Burbank 8:6 14:19	34:18,19 35:16 42:2 card 4:12,22,24 27:21 38:11,17 44:20 careful 48:1 case 14:22 26:23 cases 6:11 casing 29:6,8 categorize 21:23 category 22:3,7 caused 9:16 cement 29:8 center 31:6 CEQA 3:18 4:20 4:22 38:24 39:9,10,18 40:4,12,13 41:3,14,22 42:21 44:6,19 45:1 46:5 47:18,19 48:2 48:12 CERCLA 23:14 certain 30:9 48:4 characteristics 5:24 12:5 characterizati... 16:22 18:25 chemical 9:13 10:21 12:3 13:13 18:17 chemicals 13:7 18:10 city 8:6,6,7 9:23 15:1 41:1 civil 5:15 clarify 15:18 27:8 29:23 34:22 clean 17:5,25 36:9 clean-up 17:20 18:4 cleaning 43:2 clear 16:4 35:15	closer 11:21 closing 5:2 Clyde 47:15,15 collected 25:2 com 6:12 27:2 44:13 45:9 come 22:17 28:2 46:3 48:20 comes 36:13 coming 2:8 5:14 24:10 39:5 49:1 comment 4:2,12 4:14,18,18,21 4:25 6:4 16:17 16:18 22:11 25:21 27:20,21 27:22,24 28:1 33:13,19,21 35:23 38:11,12 38:14,17 43:23 44:19,21,23,25 47:10,25 48:11 48:16,23,24 comments 4:3,4 4:8,11,23 5:7 22:10,11 25:11 25:13 36:12 39:16 43:24 45:19 47:12,24 48:9,12 commercially 21:8,9 Commissioner 31:19 Commissioner's 26:5 Commissioners 4:5 25:14 26:1 33:15 41:19 44:1 48:3 commissioning 41:21 commit 48:4 common 3:9 40:22 commonly 39:8	community 22:8 22:16 45:9 comparative 5:25 comparatively 22:13 compare 21:18 compared 6:1 46:4 comparison 21:21 Compensation 23:14 completely 12:7 12:17 compliance 19:6 22:1 Compound 14:2 compounds 13:11,11 21:16 Comprehensive 23:13 concentration 11:22,24 19:22 concentrations 10:23,25 11:2 11:22 15:13 20:6 21:1 conceptual 23:16 32:12 concludes 27:5 conclusion 15:13 conclusions 42:18 concrete 42:5 conducted 15:8 conduit 42:5 cone 30:11 configuration 28:14 configured 29:2 conservative 15:20 consider 25:14 considering 13:25	considers 39:11 consistent 19:17 constraints 43:7 construct 41:24 constructed 26:15 constructing 41:16 construction 3:24 26:8,10 40:17 41:20,23 42:4,8,11,19 44:8 46:1,3 contain 7:11 20:14 contained 24:5 containment 19:18 contaminant 6:20 10:5,15 11:13,17 12:16 13:23 18:6,12 18:14,15 19:1 21:12 contaminants 6:21 7:12 13:8 13:22 17:20,22 17:24,24 18:10 27:9 contaminate 36:16 contaminated 21:5 contamination 14:2,25 15:2,9 17:2 20:24 24:4 36:2,7,9 40:8 contaminations 16:23 contingency 19:4,7,15 contractor 47:16 contributed 14:25 Control 11:12 11:16 20:19
<hr/> C <hr/>				
calculated 46:4 California 3:19 18:5,16 20:9 21:13 27:11 37:4 39:8,17 40:19 45:21 call 13:21 21:23 30:11 called 6:21 9:13 14:15 25:6 39:22 calling 13:15 cancer 15:15 Canyon 38:5 capable 13:5 capacity 43:6 capture 12:12 captured 30:22 capturing 20:15 carbon 24:23	clear 16:4 35:15			

21:14 controls 20:17 20:22 21:6 24:3 converted 24:21 conveyed 25:5 coordinated 11:11 copies 26:20,22 copy 6:3 46:12 corner 9:1 10:17 correction 34:1 Cortez-Davis 3:14 5:10,13 5:15 25:20,23 25:25 27:19 28:16,21 29:1 29:10,16,22 30:2,18 31:9 31:14,19 32:1 32:10,18,20 33:1,8 34:20 34:22 35:2,5,9 35:12 36:18 37:6,17,22 38:3,6,9,15,20 cost 15:3 36:19 costs 14:24 15:3 19:8 22:6 36:5 36:5,6,8,23,25 Cotterell 2:18 2:20 4:13 27:23 28:2 32:23 33:10 37:16 44:21 council 33:24 35:25 County 46:22,23 47:3 couple 2:14 20:16 course 4:9 9:8 cover 2:10 39:6 39:7 covered 44:10 covering 5:19 36:8	cranes 42:14 create 4:3 30:11 created 36:7 criteria 17:7 21:17,20,22,23 21:24,24 22:3 22:7,15,19 23:1,2,9,10 CSR 1:22 cultural 40:24 42:22 43:11,19 45:25 currently 6:20 11:17 12:13 14:11 16:2 32:11 customers 9:25 16:3,5 18:13	39:12 41:4 43:11 44:5 46:12 Dee 20:1 deep 28:12,17 34:7,9 deeper 34:9 defecation 40:8 degree 23:11 demonstrated 21:11 Department 2:19 5:6 39:24 43:25 depends 31:2 depositories 6:4 26:3 44:12 depth 17:19 33:23,23 derived 23:5 describe 28:14 39:12 described 6:7 13:9 16:24 23:17 34:23 40:14 41:14 44:3 describing 39:6 40:7 41:25 design 26:9 41:19 44:8 47:20 destroy 21:11 destroyed 24:20 destroying 34:14 detail 17:6 40:7 40:15 41:8 45:13 details 3:16 detected 9:13 10:16,21 determination 44:6 determined 46:6 develop 11:18 17:1 40:9 developed 17:20	18:23 developing 17:5 develops 16:25 diagram 24:7 diameter 29:19 29:20 different 12:4 13:6,12 20:16 21:22 27:11 34:14 differently 14:19 differs 20:13 digging 43:20 dimension 29:23 dioxane 34:15 direct 19:12 20:12 23:7 discharge 11:12 discrete 14:12 discretionary 39:22 40:5,12 discuss 12:1 discussed 14:4 discussing 5:22 7:12 18:1,22 19:11,23 24:4 24:8 31:16 dissolve 12:17 dissolves 12:7 distance 36:16 distribution 25:1 District 20:8 division 9:12 27:10,13 document 6:10 25:16 26:6 44:7 48:2 documents 5:21 6:3,8,14 14:5 16:10,16,19 17:19 25:25 26:20,22,24,25 27:4 doing 6:2 34:3 40:1	domestic 19:13 19:17 20:12 23:8 dot 6:12 27:2 44:13 dots 7:7 downgrade 21:4 download 27:1 dozers 42:13 draw 20:24 drawing 23:16 draws 29:24 drink 46:25 drinking 9:11,12 10:1,2,21 15:11 18:8 19:17 27:9,10 27:13 drive 49:2 due 5:6 19:21 20:5 DWP 9:23 25:8 28:9 44:13
D		E		
				e-mail 4:19,25 38:13 44:22 earlier 23:15 27:12 39:7 41:14 early 16:17 26:11 48:6 easier 26:22 32:4 east 8:5,11 14:14 30:4 31:1 eastern 7:20 edge 9:2 effect 41:6 effecting 30:14 effectiveness 22:4,5 either 4:25 18:15 27:21,24 elements 11:25 24:21 eligibility 37:14

eligible 37:8	25:23,25 28:16	facilitator 2:9	25:3 28:17	front 6:8 9:1
Elva 47:15,15	28:21 29:1,10	25:12	40:4	full 29:14,15
encountered	29:16,22 30:2	facilities 7:25	fields 6:19 8:5	31:4
13:8	30:18 31:9,14	32:14	9:20	Fulton 8:23
encourage 4:11	31:19 32:1,10	facility 13:21	figure 6:25 17:4	10:10 30:4
6:15	32:18,20 33:1	25:8 26:15	37:9	Fund 14:21
engineer 5:15	34:20,22 35:2	31:16,25 41:16	filed 44:7	funding 37:1,3
entire 8:22	35:5,9,12	41:25 46:23,24	fill 4:22 44:20,20	37:10
entirely 47:23	36:18 37:6,17	47:5	filled 30:16	funds 23:15 36:4
environment	37:22 38:3,6	fact 12:17	filter 24:13	further 34:17
17:12 22:1	38:15,20 40:7	factors 22:4	filters 24:13	47:12 48:12,24
23:12 39:17	40:14 41:14,25	39:11 40:20	46:24	furthest 8:24
40:1,17 41:6	44:3	41:1 42:19	filtration 24:12	future 14:1
41:10	evening 2:1,7	45:24	final 13:16,20	48:17
environmental	39:4	failing 28:22	24:22 25:1	
3:19,21,23	everybody 32:24	fair 22:20	35:17	G
10:14 23:13	everybody's	fairly 43:16	find 6:3 39:14	gases 40:25 43:5
26:6 39:1,8,11	4:10	familiar 8:16	fine 38:21	general 8:1
39:19,20 40:19	example 8:1	far 8:23 10:10	first 4:12 9:13	37:23 39:24
40:20 44:14	13:7 20:1	30:4,4 32:7	18:3 19:3	47:23
45:22	21:25 46:2,7	fax 38:15,16	21:20,23 26:13	generally 10:25
EPA 15:25	exceeding 20:6	44:22	28:4 33:9,22	30:25 38:3
23:11 37:5	exceeds 11:5	feasibility 5:22	36:3,12,18	generated 10:14
45:12,20 47:16	Excellent 33:5	14:5 16:15,24	45:3 48:5,5	gentleman 28:3
47:17	46:20	21:1 23:18,25	five 28:20 32:22	28:5
equipment 42:5	excess 10:16,17	24:2 34:24	33:24 42:12	geology 8:2
42:13 43:4	24:24	35:13 40:9	flow 24:7	getting 30:16
Ernesto 3:4	excuse 22:19	feasible 39:21	focus 3:16,23	31:4
essentially 9:24	existing 14:10	February 1:2	16:14	give 12:21 26:3
20:25 23:4	19:16 42:15,17	5:7 16:19	focused 41:22	32:5 48:24
24:20	43:6	47:11	focusing 7:16	given 3:13
established 18:7	exists 14:3 47:6	federal 14:23	8:7 12:14,22	giving 32:2
18:15 21:18	experienced	feet 7:4 28:17,19	follow 26:5 29:5	Glendale 8:7
23:10 27:10	11:1 13:2	34:9	forgive 34:2	14:20
42:20	explained 12:15	fence 10:11	form 46:13	Glenn 20:1
establishes	13:17	26:16 32:11,15	former 11:14,18	go 2:13 10:4,5
27:13	explanation	32:15,17	36:14	10:10 17:8
evaluate 15:18	36:15	fenced 8:15,17	forward 38:23	19:7 24:22
16:1,1 22:14	exposed 15:23	31:20 42:15,17	found 4:13	26:23 27:23,25
evaluated 5:25	35:6	Fernando 1:4	15:14,14	28:4 29:4 32:3
14:1 20:11	exposure 15:10	6:18 7:2,3,9,19	four 17:10 26:19	33:8 38:24
22:9	extended 47:25	14:11 30:24	46:25	45:2,3 46:22
evaluation 15:7	extent 6:7 13:10	fewer 42:10	freeway 8:12	46:22 47:2,2
16:9 17:7	extract 7:8,8	field 2:12 5:18	32:6 38:4	48:2
21:17		7:14,16 8:8,13	42:17	goal 18:4 39:25
Evelyn 3:13 5:9	F	8:15,22 9:4,7,9	frequencies	goals 17:20
5:13,14 25:20	facade 25:8	9:10,15 13:1	24:18	goes 8:24 43:25

going 3:11,13,18 3:20 5:1,4,16 5:19,21 7:14 8:20 10:3 12:17,21 15:2 17:4 23:21 25:16 27:19 28:23 29:20,21 30:4 32:1,2 33:8 37:3,8 38:18,18,23 39:6,7 45:2,17 46:22 48:8,9 48:15,18	Guidance 15:25 guideline 45:15 guidelines 2:15 19:4,15 42:21 45:22 46:5 guys 2:2	hum 8:11 human 16:9 17:12 20:15 22:1 23:11 hundred 28:19 28:20 34:9 hundreds 28:17 28:19 hydraulic 20:17 20:22 21:6 24:3 hydrogen 21:10 24:14,15,24 34:15 35:2,6 35:17 42:1 hydrogeology 7:21 hypothetical 15:22	important 7:17 37:3 inaudible 45:16 include 22:4 34:24 41:19 included 43:24 includes 22:8 including 5:23 7:12 42:1 44:12 incorporated 43:10,17 incorporation 41:7 incorrect 37:19 indicate 10:23 indications 14:19 individual 15:19 15:22 industry 12:3 infiltrate 7:25 influence 15:16 information 6:3 6:7,9 14:6 16:22,25 18:23 18:24 26:17 29:12 34:10 35:10 39:14 44:10,11 46:1 ingestion 15:11 inhalation 15:12 initiated 6:24 install 36:23 installed 9:8 29:3,4,7 institutional 19:25 20:22 22:23 instructions 4:17 45:23 intent 19:6 40:16 interest 49:1 interested 16:11 Interestingly 8:25	interfaces 47:20 interfering 30:7 interim 2:11 3:12 5:11 12:22 13:15,17 18:1 introduce 2:17 24:25 introduced 35:3 introductions 2:14 investigation 5:22 14:5 16:15,21 18:24 18:25 invite 5:9 involve 19:16 43:11,12 involved 19:19 24:8 involves 26:8 issued 9:11
good 2:1,7 22:20 22:20 39:4 government 39:23 gracious 33:23 grading 43:21 granular 24:23 35:16 42:2 granulated 34:17,19 great 32:21 40:7 40:14 45:2 49:2 green 40:24 43:5 ground 7:10,22 7:23 8:3 14:25 20:17 groundwater 1:4 3:14 5:16 6:19 7:2,3,5,8 7:9,9,18 8:18 10:16 12:6,10 12:18 13:1,9 14:18 15:9,11 15:12,23,24 17:13,14 19:12 20:3,12,18 21:3,4 22:24 23:7 28:18 29:15 30:20,21 30:23,24 31:4 34:1 48:20 Group 3:22 39:1	H half 48:6 hand 4:10 27:24 27:25 38:25 handled 43:6 happening 11:21 hard 6:3 26:20 26:22 46:12 hazardous 7:1 headache 32:2 health 9:23 15:6 15:9 16:1,9 17:12 20:15 22:1 23:12 heard 4:15 14:22 heavy 42:13 Hello 47:15 hesitate 48:4 Hi 2:20,21 45:5 high 6:20 higher 10:23,24 11:21 13:2 highest 23:11 highlighted 23:23 historically 17:16 history 9:6 hold 4:8 Hollywood 2:11 5:18 7:15 8:8 8:12 9:15,17 14:16 25:3,6,8 31:10 40:4 hope 48:4 hopefully 37:1 house 40:24 43:5 Huh-uh 35:1	I idea 28:13 32:16 identified 11:15 17:3,21,23 23:25 39:19 41:9 identifying 37:1 immediately 46:23 imminent 12:11 impact 11:23 37:2 39:20 40:16,21,23 41:10 42:15,22 43:3,13 45:14 impacted 7:11 impacts 3:23 39:25 40:3 45:23 46:7 impaired 12:25 implement 19:25 22:6 implementation 41:15,17 implemented 43:19 imply 36:6	J JOB 1:24 K KATHRYN 1:21 key 9:21 kind 2:2 3:11 24:12 Kis 45:8 know 2:4 3:6 7:18 24:18 28:21 31:2 33:1,21 36:11 36:12 37:11 40:6 45:12,15 48:3,9 known 39:8 41:3	
				L L.A 2:19 3:15 5:6 20:10 LADWP 5:16 6:12,24 19:25

27:2 32:11 39:2 42:15 44:13 LADWP's 19:5 lady 45:3 lamps 24:17 landfill 11:14,18 36:14,14,16 landfill's 37:19 large 31:24 late 36:11 Laurel 38:4 law 14:23 39:18 laws 21:16 layout 23:17 legend 10:22 level 10:19,19 11:6,7 12:18 18:5,6,15,17 18:20,20 19:23 20:6 27:9 levels 6:20 10:15 13:3 18:12 27:14 42:24 Liability 23:14 library 1:1 5:2 8:10 9:1 10:8 26:19 44:12 light 21:10 24:16 24:18 34:15 35:7 lighter 11:2 likelihood 21:3 limit 17:13 18:7 limited 12:10 13:19 line 14:6 23:19 44:13 46:13 lines 23:24 links 16:6 list 16:12 40:21 41:1 42:23 listed 14:21 18:3 45:24 listen 47:16 listing 6:12 litigation 40:2	little 2:14 6:6,22 7:6 14:17 16:14 17:19 26:21 28:12 32:4 36:11 39:6 41:8 loaders 42:13 local 20:9 39:18 39:23 located 7:5,19 8:1,13,14,21 8:22 9:2,14 10:6,11,25 11:14 14:14 16:6 23:20 25:9 26:15 31:16 32:14 37:23,23 location 7:23,24 8:19 23:22 25:5 31:6,11 37:19 locations 26:19 26:19,23 34:6 long 9:10 22:4 47:24 longest 38:22 look 7:6 10:13 23:18 26:22,24 28:23 33:2 40:20 41:2 looked 41:14 looking 10:6 looks 39:10 Los 8:6 39:23 43:25 48:18 lot 9:3 30:8 loud 2:2 33:13 lower 11:22,24 <hr/> M <hr/> Ma'am 33:17 mail 4:18,25 38:13 44:21 maintenance 26:14 major 12:21	making 11:8 15:3 manage 11:19 managed 13:5 13:12 management 11:24 manager 3:14 5:15 map 7:6 8:10,11 10:7,13,23 14:14 32:3 March 9:18 MARIE 1:21 mate 28:15 materials 41:20 maximum 18:12 18:14 MCL 18:20 MCL's 18:12 mean 15:17 27:12 40:6 means 11:7 12:9 18:6,9 meant 27:16 measure 46:1 measures 40:2 41:7 42:23 43:9,16 media 13:20 meet 18:13 23:8 37:13 meeting 1:1 2:10 2:15 3:7,8 5:1 33:25 49:5 memorializati... 3:8 memory 28:22 MENJIVAR 35:22,24 37:18 37:25 38:8 mentioned 6:5 17:21 26:17 27:20 31:10 36:3,4,11 37:20 39:7 46:2	met 21:25 methods 40:11 Metropolitan 20:8 Michael 35:22 35:24,25 37:18 37:25 38:8 migration 17:13 minute 2:3 9:5 minutes 17:9 misspoke 45:21 mitigate 39:21 40:3 mitigated 39:12 41:4 43:10 44:5 46:11 mitigation 41:7 42:23 43:9,16 mixed 24:15 34:21 mixing 34:2 mixture 35:6 MLU 28:9 MND 41:13 44:10,11 modeling 20:25 modifying 22:7 moment 26:4 42:24 moments 14:8 Monday 5:8 money 37:7 monitor 18:11 monitoring 20:2 43:18 months 41:22 42:7,10,12 move 7:22,23 38:18,19,23 44:8 moves 30:6 moving 19:1 30:25 multiple 40:20 <hr/> N <hr/> Nadia 3:21	38:25 45:20 46:15 name 2:8 5:14 14:17 28:6,9 33:17,20 35:24 45:5,7 47:13 national 19:4,7 19:15 nature 3:16 12:16 16:23 necessarily 30:8 need 22:10 needed 47:5 needs 3:5 negative 39:12 41:4 43:10 44:5 46:12 negligible 43:4 neighborhood 35:25 nesting 43:13 new 29:6 night 49:2 nine 17:6 21:17 22:14 NL 18:5 noise 43:7 non-cancer 15:15 non-hazardous 24:21 north 2:11 5:18 7:15 8:8,12 9:14,17 14:16 14:20 23:21 25:3,6,8 31:10 38:6 40:4 northern 32:15 notice 44:6 noticed 9:1 47:18 notices 44:14 notification 10:19 11:6,6 18:5,6,20 19:22 20:6 27:9,14
---	---	--	--	---

notify 10:20 18:18 November 9:17 number 6:19 7:4 7:24 8:18 12:3 12:4 14:12 15:20 18:10 26:18 31:22	14:16,19,20 operate 9:10,19 11:8 17:15 24:5 operated 17:16 operating 8:17 9:9 31:3,22 operation 3:24 26:14 40:18 41:16,24 43:1 43:3 operational 9:19 opportunity 4:2 4:3 39:15 option 21:12 options 4:24 22:5 orange 23:24 46:22,23 47:3 order 3:7 4:10 18:13 22:12 30:22 38:12 41:24 47:5 organic 13:10 14:2 21:16 outline 46:16 overall 21:25 oxidation 21:9 21:15 34:23 ozone 21:11 34:16,18 35:7 35:8	46:11,15 47:21 47:22 48:11 parking 9:3 part 7:20 9:4 10:18,18 13:24 14:23 15:1 18:21 24:3 25:13 27:20 32:15 36:10 43:10 particular 7:14 13:1 15:7 21:12 28:17 34:10 37:8,14 particularly 12:5 parties 14:24 19:9 passed 24:11,16 payers 15:4 36:7 36:22 37:2 PCE 17:23 peak 42:9,11 people 33:24 percent 48:20 period 16:17 22:12 43:23 47:25 permit 9:11 10:2 19:18 permits 10:1 peroxide 21:10 24:14,15,24 34:15 35:3,6 35:18 42:2 person 26:24 personnel 42:9 pertaining 3:1 phase 42:11 phases 42:1 physical 40:17 pipe 29:19 42:5 pipes 25:5 place 4:10 plan 2:10 3:12 3:13,17 5:10 5:17 6:15	17:17 19:4,7 19:15 41:13 planning 3:15 3:22 5:16 39:1 Plant 20:20 plants 20:2 Plaza 1:1 8:9 please 2:17 33:18 34:2 37:17 47:13 49:1 plume 10:5,23 11:3,23,25,25 12:12 24:5 point 5:5 7:13 11:20 14:13 16:4 18:4 23:16 26:9 27:8 41:10 48:3 pointed 13:1 25:11 pointing 8:10 points 9:21 polishing 24:23 poor 22:20 population 15:19 portion 27:5 44:19 47:10 portions 10:22 11:2,22 posed 15:9 possibly 32:14 40:1 posted 4:6 potential 11:12 11:16 15:15 17:24 39:19 40:16,21,23 42:22 43:19 45:23 potentially 14:24 19:8 26:10 41:5 42:21 power 2:19 3:2	3:15 4:4,6,7 5:4,6 33:15 39:24 41:18 44:1 48:3 pre-constructi... 43:13 pre-filtration 24:11 precise 31:6 preferred 6:2 23:4,6 40:13 preliminary 17:20 18:4 32:12 prepare 41:3 43:23 prepared 39:13 preparing 42:4 present 11:19 12:11 18:18 21:16 43:14 presentation 3:15,18,19,20 3:22 4:1,12,20 4:22 5:5 27:6 27:20,22 33:5 34:13 38:13,22 38:24 44:15,19 44:24 45:1 46:20 48:12 presentations 3:9,10 47:10 presented 3:2 35:13 presenter 36:3 presenting 5:10 prevent 39:25 primarily 7:19 8:21 10:11 priority 9:23 proactively 15:2 37:9 problem 47:6 problematic 12:6 proceed 13:18 26:6,9,10
O				
oaks 43:16 objectives 5:24 10:4 17:11,11 obligation 9:24 observed 11:1 occur 41:11 42:14 occurring 42:8 official 25:15 44:7 offset 15:4 36:5 37:2 oh 2:24 31:13 33:23 35:11 46:14 47:12 48:13 okay 2:24 18:22 23:23 28:10,25 33:10 35:11,19 35:20 38:8,19 45:2,10,18 46:14,17 omissions 43:5 46:2 on-line 26:4 27:1 27:2 on-site 16:22 42:9 once 12:9,18 38:10 41:17 47:25 ones 40:22,25 ongoing 26:14 online 5:5 open 4:21 27:19 44:18,25 operable 13:21	P			
	p.m 1:3,3 5:3,8 47:11 49:5 package 25:13 43:25 pad 42:5 parallel 36:24 park 8:16,16,22 10:12 23:22 26:16 31:21 42:8,16 Parker 3:21 38:25 39:4 44:17 45:18,20			

31:20	public 1:1 2:18	33:9 39:16	recommend 4:8	33:11 38:10
process 6:4	4:2,14,21,23	45:11	47:1	47:9
21:15 24:12,21	4:25 5:7 6:4	quickly 7:22	recommended	remove 17:14
34:23 40:6	9:22 16:17,18	12:8,12 28:24	42:24	24:5,24
47:20 48:8	22:9,11 25:12	33:12	record 25:15	removed 19:21
processes 46:21	25:20 27:19	quite 9:10 18:10	27:15	20:5 35:18
47:2	28:1 33:13,18		recorded 33:14	removes 21:15
procurement	36:12 38:12	R	records 26:2	removing 20:16
41:19	39:13 44:18,23	rain 30:17	recover 14:23	repeat 37:16
production 9:7	44:25 47:10	rains 7:25	19:8 36:4,25	replenishing
9:16 15:14	49:5	raise 4:10 27:23	recovered 36:6	30:20
19:21 20:5,23	published 16:16	27:25	recovery 15:3	report 4:5
20:23 21:2,4	pull 21:1	raises 12:18	36:19	Reported 1:19
program 1:4 6:9	pump 19:12	Ramsawack	reduce 21:3	reports 16:8
13:10 27:4	20:12 22:24	2:22,24 31:7	42:24	46:15
47:18	23:7 25:6,9	31:13 33:20,20	referring 6:10	repositories
project 10:4	30:14 31:10	34:21 35:1,4,8	reflecting 27:16	16:12,13 26:18
17:11 26:2	43:4	35:11,19 37:21	regarding 16:7	26:25
37:14 39:10	pumping 19:16	38:2,4	36:1,19	repository 6:16
40:2,5,23 41:5	20:2 30:6,10	range 34:8	Regional 11:11	14:6
41:6,9,9,12,15	pumps 43:7	rate 15:4 36:7,22	11:16 20:19	represent 7:7
41:17,23 43:3	purchasing	37:2	regulator 18:18	represents 3:2
projecting 48:19	41:20	rated 22:18	regulators 10:20	require 42:3,12
projects 14:1	put 4:14 8:19	rating 22:20,21	regulatory 18:7	required 19:4,15
43:17	14:22 27:21,24	ratings 23:1,3	22:2	43:21
property 8:17	30:8 31:23	reaches 12:6,9	rehabilitate 29:5	requirements
10:12 26:16	36:23 48:1,7	12:18	related 6:15	10:2 22:2
31:20 32:11,15		reactors 24:16	11:12	23:13 37:12,14
32:17,19 42:17	Q	24:17	Relations 2:18	requires 40:20
proposed 2:10	quality 3:19	read 17:18	releases 7:1	requiring 39:18
3:12,17,24	11:12,16 16:2	reading 16:11	remedial 2:11	research 45:16
5:10,17 6:15	16:7 20:19	really 21:24 28:6	3:12,24 5:11	resource 43:18
24:1 31:5	39:8,17 40:19	33:12 49:1	5:17,22,24	resources 21:4
41:12,13 44:2	40:23 45:22,24	reason 7:18 8:2	14:4 15:8	21:14 40:24,24
46:1	46:2,7	12:14,14,24	16:15,21 17:3	42:22 43:11,12
prostheses 21:9	quarter 26:13	13:4,15	17:10 18:22,24	43:20
protect 17:12	48:5,6	reasons 12:15,21	18:25 19:2	respond 6:25
protected 20:15	question 27:24	recall 30:3	44:9	47:24
43:15	28:11 33:22	receive 24:14	remediate 17:1	responded 4:5
protection 9:22	34:7,12 35:21	25:11 48:9	remediation 1:4	responding
10:14 21:25	36:1,19,20	received 11:5	6:13 21:16	25:12
23:11 43:18	37:15 46:8	22:10,11 30:19	24:10 27:2	response 6:25
provide 29:13	47:17	receives 15:23	36:24	11:10,18 12:19
36:15 38:12	questions 3:1	receiving 16:18	remedy 17:8	13:16,25 14:10
45:18	16:6 25:18,22	Recess 2:6	25:16 26:7,12	14:13 15:10
provides 16:21	27:17 28:4	recognized	remember 36:20	23:13
23:9,11	32:21,23,25	21:13	remind 5:3	responses 43:23

<p>responsible 14:24 15:1,5 19:9 36:8 rest 23:2,10 restore 17:15 restored 20:18 restrictions 20:3 result 11:9 20:3 43:4 resulted 15:15 retrace 36:20 review 16:18 25:10 26:21 39:13 revising 40:2 revisions 41:6 RIFS 41:13 right 2:7,23 9:2 10:8,8,9 12:22 27:18 30:8,22 36:21 37:21 39:13 44:12 risk 15:7 16:2,9 16:23 risks 15:8,9,15 15:19 Roughly 31:24 ruling 47:19 rundown 5:19 running 43:2,7</p> <hr/> <p style="text-align: center;">S</p> <hr/> <p>safe 16:5 49:2 salvation 6:17 San 1:4 6:18 7:2 7:3,9,19 14:11 30:24 sand 24:12 Sara 33:20,20 34:21 35:1,8 35:19 37:21 38:2 SARAH 2:22,24 31:7,13 35:4 35:11 38:4 satisfies 23:12 saw 29:3</p>	<p>says 19:18 scale 32:6 schedule 5:4 47:17 48:1 schematic 23:18 schematics 32:13 scope 13:19 screen 8:11 screened 17:3 second 12:24 19:10 20:13 22:3 36:10 37:15 42:4 section 6:11 secured 20:7 see 10:17,24 22:25 40:22 41:1 42:8 46:21 47:2 seeing 35:10 seeking 15:2 37:3,9 seen 25:7 48:17 select 25:16 selected 17:8 26:12 selection 26:7 Senior 2:18 sense 32:6,7 separate 13:6 14:12,16,18 separately 11:10 sequence 34:24 serve 8:6 18:13 served 9:25 16:3 serving 16:4 set 45:22 46:5 setup 15:21 18:8 seven 9:16 19:21 20:4 22:15,18 sewage 46:24 sewer 43:6 sheet 2:16 short 22:5 short-term 28:22</p>	<p>shortly 16:13 show 32:4 42:3 47:19 shows 10:15,22 11:4 shutdown 11:9 sic 45:8 sign 6:9 sign-in 2:16 signed 2:17 significance 42:20,25 significant 39:19 39:20,25 41:5 41:10 43:3,8 46:7 significantly 12:25 similar 14:17 39:15 Similarly 43:18 simplified 24:7 sir 45:2 site 5:23 9:6 13:20 34:10 37:23 42:3,4,9 42:11 43:21 situation 18:19 six 42:10 size 32:16,18 slash 6:12 27:2 44:13 soil 7:21 solution 24:14 solve 47:5 somebody 15:22 sorry 2:2 24:9 31:1,9 38:20 48:14 sound 14:17 source 10:6 11:17,19,21 36:1,13 40:8 sources 37:1,6 37:10 south 14:14,20 31:1,1</p>	<p>Southern 20:8 spacing 30:13 Spanish 3:5 Specialist 2:18 species 43:14 specific 13:19 15:19 24:18 47:22 splendid 34:13 Sports 8:15 spread 7:7 30:3 30:5 spreadsheets 46:4 staff 23:5 stages 46:25 standard 43:16 standards 29:2,6 start 30:6,10 39:5 started 34:3 starting 2:3 state 9:12 18:16 21:14,14 22:8 22:16 27:10,12 33:17 37:4 39:18 45:6 47:13,19 station 25:6,9 31:11 steel 29:9,11 step 24:23,23 35:17 steps 24:8 25:10 34:25 39:14 43:22 Steve 28:8,11 32:9,22 46:20 stop 9:16 stopped 34:5 storm 30:21 Street 8:14,23 10:7 23:20,21 strict 48:1 strongly 47:1 structures 42:6 study 5:23 14:5</p>	<p>15:18 16:2,15 16:24 21:1 23:18,25 24:3 34:24 35:13 40:9 subsequent 41:24 44:2 substance 7:1 substantial 19:6 succeeding 19:22 sucking 30:12 summarize 17:10 summary 6:9 13:10 17:18 27:4 47:18 summer 26:11 Sun 36:14 37:20 super 14:21 23:15 36:4 supervisor 3:21 34:5 38:25 supply 19:11,18 19:24 20:2,7 sure 9:24 15:3 16:3 27:15 30:12 32:24 35:14,17,24 36:20 37:13,17 47:24 surveys 43:13 synthetic 12:2 system 25:1 40:18 systems 43:6</p> <hr/> <p style="text-align: center;">T</p> <hr/> <p>table 6:9 18:3 22:25 take 9:22 22:10 22:12 37:25 44:23 47:3,24 48:15 take-in 29:17 taken 4:11 39:23 takes 15:20</p>
---	--	--	--	---

16:25	three 12:21	treat 19:12	29:11	27:18 28:10
talk 9:4 10:5	18:22 19:2	20:12,14 22:24	<hr/>	29:19 33:4,7
14:7,9 33:25	20:21,23,23	23:7 40:10	U	33:11 35:20,23
39:9 41:8	21:22 22:24	treated 13:5,11	U.S 10:14	38:9,16,21
45:15	23:7,23,24	treating 14:18	ultimately 17:25	44:17 45:6,10
talked 21:17	24:10,10 25:17	treatment 13:21	ultraviolet 21:10	45:18 46:17
34:5	26:8 34:14	15:24 19:19	24:16 34:15	47:8,21 48:10
talking 5:16	40:15 44:4	20:17 21:7,12	35:7	48:15,23
6:22 7:14 8:20	46:24	22:5 23:17	underneath 7:10	viewing 27:1
10:3,10 21:7	threshold 21:24	24:1,9 26:14	30:24	visit 6:16 47:3
23:15 31:25	23:1,8 42:20	31:5,11,15,16	understand	VOC 14:2
33:22	46:5	32:13 34:16,18	28:12	volatile 13:10
tall 25:7	time 5:4 9:10	34:24 36:24	underway 14:11	14:2 21:15
TCE 17:23	12:10 13:22	40:5,11,18	unearthed 43:20	<hr/>
technical 46:15	18:8,11 31:1	41:16,25	unit 13:21 14:16	W
technologies	36:25 37:13	trees 43:15	14:20,20	want 2:17 3:6,11
13:6 17:4	42:7 44:18,19	triangular 32:10	unplume 40:2	5:3 9:21 14:9
technology 13:5	47:4	tribal 43:12,19	urban 40:23	15:6,18 16:3
13:12,14	time-line 47:23	trucks 42:12,13	urgency 12:19	16:14 17:25
tell 15:6,17	times 11:6 26:18	try 32:1,3 36:4	urgent 4:10	28:3 29:22
21:19,20	tiny 7:6	36:25	urgently 13:24	30:12 32:24
telling 34:8	today 4:11 16:3	trying 13:23	use 13:14 19:13	33:11,12 37:16
ten 11:6	16:5 39:7	36:19	20:3,12 21:10	38:10,24 47:9
term 14:21 22:4	told 21:21 33:24	turn 4:18 27:22	23:8	48:24,25
22:5	Tong 45:5,8,8,11	33:13,14 44:21	USEPA 10:15	wanted 2:4,13
terms 6:18 9:6	46:9,14	turned 38:11	11:11 13:18	7:13 8:19
14:9	tonight 2:8,9 3:2	Twining 25:18	15:21 18:16	11:20 14:22
testing 34:3,4	3:3,5,10,13,20	25:22,24 27:17	21:13,18	18:3 23:16
Thai 45:9	4:4,16 5:1,14	28:8,8,11,19	USEPA's 10:19	27:8,14 35:14
thank 2:5,8 5:12	5:17 7:13,15	28:25 29:8,14	uses 12:4,25	wants 46:21
5:13,14 27:7	8:8 9:22 12:1	29:17,20 30:1	17:17 20:18	47:1
27:18 33:3,4,7	16:19 18:2	30:16 31:5,18	usually 42:10	waste 43:5
35:19,19 38:9	25:11 38:24	31:24 32:9,16	UV 42:1	water 2:19 3:2
39:3,4 44:16	44:24 48:25	32:19,22 33:3	<hr/>	3:15 4:3,6,6
44:17 46:17,18	tonight's 3:6 5:4	33:5,22 34:7	V	5:6 7:11,22,25
47:7,8,14	top 9:23	37:5 45:4	Vale 25:11	9:11,12,12,25
48:10,22,23,25	topics 5:19	46:19,20 47:8	valley 1:1 7:3,20	10:1,2,21 11:5
49:3	tours 47:4	48:13,14,16,17	8:5,9 14:12	11:11,16 12:7
theory 15:22	track 36:24	two 3:10 19:24	36:14 37:20	12:17 16:2,4,7
thing 4:20 34:11	trades-offs 23:9	22:16,23 25:17	Vanowen 8:14	18:8,11,13
48:25	traffic 40:25	28:19 33:8	8:23 10:7	19:11,17,24
things 3:1 7:17	transcribed 3:7	34:2 43:9	23:20,20	20:2,7,8,9,19
34:2	transcriber 28:7	two-parts 36:1	variety 6:14	21:14,14 24:9
think 23:19	transcript 27:15	type 7:21 8:2	various 42:1	24:11,13,15,22
third 13:4 19:11	translation 3:3,5	21:23	vehicles 46:3	24:25 25:1,2
20:11 22:7	travel 30:22	types 3:9 21:22	Vela 2:1,7,9,21	27:9,10,13
threat 12:11	travels 12:7	typically 29:10	2:23,25 6:5	29:25 30:6,12

30:19,21,24 31:11 33:15,25 35:3,5,18 39:24 40:18 41:18 43:2,5 43:25 46:24 47:1 48:2,18 48:20 way 17:5 33:6 ways 20:17 34:14 We'll 9:4 we're 6:2 7:1 12:1,22 15:1,2 16:18 18:1 21:7 31:15 36:25 37:3,8 38:18,18,23 45:2 47:23 48:5,8,9,15,18 we've 9:8 11:7 13:2 30:17 46:5 47:25 website 4:7 5:6 6:12 16:7,10 26:4 27:3 33:16 46:10 WEDNESDAY 1:2 weigh 30:5 welcome 4:15 wells 7:5,8,18,24 8:13,18,20 9:2 9:4,7,14,17 10:7,9,11 11:1 11:5,8,24 12:11,13 13:3 15:14 17:15 19:16,21 20:4 20:23,23 21:2 21:4 23:20,22 23:23,25 24:10 25:3,4,4 28:12 28:13,14,16 29:1,3,3,5,15 30:3,8,13,19 31:3,21 32:12	33:24,25 34:4 34:5 36:17 48:21 Wendy 45:5,5,6 45:8,8,11 46:9 46:14 went 22:21 west 2:11 5:18 7:15 8:8,12,23 8:24 9:15,17 10:10 25:3,7 30:4,25 31:8 40:4 Whitsett 8:15,21 10:12 23:22 26:16 31:21 32:7 wholesaler 20:9 wide 29:17 woke 2:2 word 29:18 work 47:16 working 11:18 Wright 33:13 writing 25:13 27:22 <hr/> X <hr/> <hr/> Y <hr/> yeah 28:8 32:9 38:3,6 year 26:13 48:6 years 8:18 9:8 29:4 31:22 48:19 yellow 4:22 44:20 young 45:3 <hr/> Z <hr/> <hr/> 0 <hr/> <hr/> 1 1.4-dioxane 6:21 9:14,16 10:15 10:24 11:13	12:2,15,22 13:3,4,13 15:14 17:13,14 17:22 18:2,19 19:22 20:5,14 20:16,24 21:2 21:5,7 24:6,19 24:20 31:15 1000 28:20 34:9 11 8:4,4 11BCE 17:23 12 41:22 42:7 13 34:4 13709DWP 1:25 14 8:13 9:6 34:4 170 8:12 32:6 1980 23:14 <hr/> 2 <hr/> 20 42:9 48:19 2012 9:15 34:4 2014 9:17 2015 9:18 2017 1:2 5:8 16:20 47:11 23 9:3 10:8 27th 5:7 16:19 47:11 <hr/> 3 <hr/> 30 48:19 <hr/> 4 <hr/> <hr/> 5 <hr/> 5 5:8 47:11 500 34:9 <hr/> 6 <hr/> 6:00 1:3 60 9:8 <hr/> 7 <hr/> 7:15 1:3 49:5 7:45 5:2 <hr/> 8 <hr/> 8 1:2 48:20	8:00 5:3 8391 1:22
--	---	---	-------------------------------------