

<b>DOCKETED</b>	
<b>Docket Number:</b>	20-LITHIUM-01
<b>Project Title:</b>	Lithium Valley Commission
<b>TN #:</b>	240951
<b>Document Title:</b>	November 17, 2021 Community Forum Chat and Q&A
<b>Description:</b>	November 17, 2021 Community Forum Zoom Chat and Q&A.
<b>Filer:</b>	Erica Loza
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	12/15/2021 1:55:25 PM
<b>Docketed Date:</b>	12/15/2021

# **Lithium Valley Commission Community Forum – November 17, 2021 Zoom Chat and Question and Answers**

The Lithium Valley Commission hosted a community forum on Tuesday, November 17, 2021, with the support of California Energy Commission staff. The community forum was held remotely through Zoom and with four in person locations provided to engage the community directly and encourage public participation in the efforts of the Lithium Valley Commission.

Written comments and questions were received through the Zoom Chat and Zoom Question & Answer features during the forum, but not all comments or questions received were read aloud during the event due to time constraints. This document includes all comments as they were received in the Zoom Chat and Question and Answer features and have not been edited except for formatting.

## **Comments and Questions Received via Zoom Chat**

From James Silva to All Panelists 06:03 PM

- Good evening

From Elisabeth de Jong to Everyone 06:05 PM

- Hello and thank you for joining! Materials for today's meeting can be found here: <https://www.energy.ca.gov/event/2021-11/lithium-valley-commission-community-forum>.

From Cristina Marquez, IBEW to All Panelists 06:07 PM

- Thank you

From Michael S. Dea to All Panelists 06:09 PM

- Thanks

From AT&T Maestro™ Plus to Everyone 06:12 PM

- I was just about to ask if I can see the transcripts and recording since I can't attend entire forum. thank you very much

From Erika Ramirez-Mayoral to All Panelists 06:15 PM

- I can't hear assemblyman and I'm on the English channel

From Noemi Gallardo to All Panelists 06:15 PM

- Make sure you DO NOT have original audio muted

From Coachella Site 2 to All Panelists 06:16 PM

- Is it possible to share the speaker?

From Lindsay Buckley to All Panelists 06:17 PM

- Audio is fine for me, fyi

From Erika Ramirez-Mayoral to All Panelists 06:17 PM

- FYI - language instructions were to mute original audio after choosing language but Assemblymember Garcia is on the original audio channel

From Noemi Gallardo to All Panelists 06:19 PM

- If you're in English channel, do NOT mute original audio. That function is for folks in interpreting channels. Apologies for any confusion.

From Jack Monger, IEA to All Panelists 06:30 PM

- Hello Steve,
- What a nice surprise to see you here this evening. I hope you are doing well.
- Best regards,
- Jack Monger

From Elisabeth de Jong to Everyone 06:33 PM

- Please find the small globe emblem on your Zoom app and select either the English or Spanish channel. If you are listening on the English Channel, please do NOT select "mute original audio".
- Para escuchar la interpretacion - Haga clic en el globo al fondo de su pantalla. Elija "ES Spanish" y luego "Mute Original Audio".
- To listen to this meeting in Spanish or Purepecha, please find the small globe emblem on your Zoom app and select either channel.

From Stephanie Ambriz to Everyone 06:42 PM

- We shouldn't be moving forward with this lithium extraction project without knowing or understanding the implications and consequences it can have on surrounding communities who already deal with lack of access to clean water, reliable energy, or clean air due to the toxic dust from the Salton Sea.

From Jenny Binstock (she/her) Sierra Club to All Panelists 06:44 PM

- Hi all, thank you to all of the commissioners who are serving on this commission. At what time will the presentations start?

From Stephanie Ambriz to Everyone 06:44 PM

- No amount of "financial opportunity" or "jobs" are worth risking the health and well-being of already vulnerable communities.

From Elisabeth de Jong to Everyone 06:46 PM

- Thank you for joining us! Materials (Meeting Notice includes the Agenda) for today's meeting can be found here: <https://www.energy.ca.gov/event/2021-11/lithium-valley-commission-community-forum>

Steve Castaneda to Jack Monger, IEA, All Panelists 06:46 PM

- Hi Jack. Hope you are well.

From Anita Parga to All Panelists 06:46 PM

- I agree what will it cost our environment? Our valley is big in agriculture will that be affected? If we move forward what guidelines will be set in place to protect the communities?

From Leslie Martinez to All Panelists 06:47 PM

- We are getting concerned with the time. It is now 6:45 and we have residents who would like to make public comment.

From Brenda Zaragoza to All Panelists 06:47 PM

- I agree with Stephanie Ambriz

From LCJA ECV Office to Everyone 06:48 PM

- Thank you all for hosting this event, it's close to 7pm and it would be great to get to public comment.

From David Salgado to All Panelists 06:48 PM

- I would like to be added to the distribution list for the commission.
- I have submitted that request on the states website a few times.

Elisabeth de Jong to David Salgado, All Panelists 06:49 PM

- Hi David, please email us at [lithiumvalleycommission@energy.ca.gov](mailto:lithiumvalleycommission@energy.ca.gov) and we will help to ensure you are added to the email list serve.

From Rosario Sabala to All Panelists 06:51 PM

- I second LCJA ECV

From David Salgado to Everyone 06:53 PM

- thank you.

From David Asti to Everyone 06:57 PM

- As someone who grew up in a coal mining and papermill town in very rural PA, I'd like to know how sustainable the lithium extraction from subsurface brines is. I'd hate to see this resource exploited and the residents left with nothing in the long term.

From Elisabeth de Jong to Everyone 06:58 PM

- Information about the Lithium Valley Commission including upcoming meetings can be found on the webpage:
- [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)

From Michael A McKibben to Everyone 06:58 PM

- There are actually projects at UC designed to address that sustainability question.

From brenda ortiz to All Panelists 07:02 PM

- When will the health impacts/concerns be addressed?

From David Asti to Everyone 07:06 PM

- Thanks Michael! We have a similar background. Will look into those references.

From Brenda Zaragoza to All Panelists 07:15 PM

- Could speakers slow down for translators to be able to translate their comments
- fully

From Margaret Stewart Slattery to Everyone 07:15 PM

- EIR= Environmental Impact Report

From Gabriel Fajardo to All Panelists 07:19 PM

- Our high school's stem curriculum for our energy & utilities career technical pathway would benefit greatly from the guidance and alignment to the skill sets necessary for this newfound opportunity. We are ready to partner and work with stakeholders.

From Ann McNeel to Everyone 07:19 PM

- How certain are you that Lithium can be commercially extracted from the brine?

From Andrea Vidaurre to All Panelists 07:19 PM

- Have Community Benefits Agreements been considered if this moved forward?

From Elisabeth de Jong to Everyone 07:21 PM

- Q&A is coming up next, we will address questions from the audience. Thank you!

From Conchita Pozar to Everyone 07:22 PM

- somos varios grupos dela comunidad como aran para poder escuchar nuestros comentarios
- gracias
- la reunión termina en 30 minutos

*Translation: We are several community groups and want to know when we can provide our comments. Thank you. The meeting ends in 30 minutes*

From Laurel Glass Lees to Everyone 07:32 PM

- Environmental Impacts and Mitigation are discussed in existing Environmental Impact Reports such as EnergySource Mineral ATLiS Project, for which the County certified no significant environmental impact to the resources analyzed under the California Environmental Quality Act:  
<https://ceqanet.opr.ca.gov/2020120143/3>

From G. Patrick O'Dowd to All Panelists 07:36 PM

- I have no questions. Thank you.

From Esther B to Everyone 07:43 PM

- The benefits do not outweigh the risks in public health
- Public Health is not negotiable

From Consuelo Alejandra Marquez to Everyone 07:44 PM

- go off esther! what use does money have when the people "it was supposed to benefit" are displaced, severely sick from contamination, and worse?
- \*displaced

From Esther B to Everyone 07:48 PM

- Los riesgos a la salud no tienen precio
- Los trabajos creados no son importantes si los riesgos a la salud están presentes

*Translation: There is no price for public health risks. The jobs created are not important if they include public health risks.*

From Stephanie Ambriz to Everyone 07:48 PM

- Estoy de acuerdo con Esther

*Translation: Agree with Esther*

From Esther B to Everyone 07:48 PM

- Is their independent literature to make sure responses are backed up?

From Margaret Stewart Slattery to Everyone 07:49 PM

- Hello! This is Meg Slattery from UC Davis and Berkeley Lab. I want to share a survey we have developed to understand which potential impacts, both positive and negative, are most important to people who might be involved in or affected by lithium extraction. We will use this information to make sure our research is useful to the committee and the local communities, for example by recommending which environmental impacts should be included in life cycle assessment, and how information should be communicated.

From Conchita Pozar to Everyone 07:49 PM

- no tenemos un comisionado de la salud pública

*Translation: There is not a Commissioner with public health expertise.*

From Margaret Stewart Slattery to Everyone 07:49 PM

- The survey is available in Spanish and English and should take no more than 10 minutes to complete. We encourage folks, if you are able, to consider sharing your perspective and sharing the survey with your networks if possible, and we are greatly appreciative of your time and feedback. I will share the links and my email below. Thanks so much, I was planning to make a public comment about this but want to make sure that time is used for the community to participate.
- Hola, soy Meg Slattery de UC Davis y Berkeley Lab. Les quisiera compartir una encuesta que hemos desarrollado para comprender cuales impactos, sean positivos o negativos, son importantes para las personas que podrían ser impactadas por la extracción de litio. Usaremos esa información para asegurar que nuestras investigaciones corresponden con las prioridades de la comisión y la comunidad, por ejemplo a través de recomendar cuales impactos medioambientales deben ser estudiados en análisis de ciclo de vida. La encuesta esta disponible en Español e Ingles, y debe tomar no mas que diez minutos para cumplir. Si usted puede, le pedimos que considere agregar su perspectiva y compartir esta encuesta con sus redes, y apreciamos mucho su tiempo y comentarios. Ya compartire los enlaces y mi correo en el chat. ¡Muchas gracias! Pensaba hacer comentario publico pero quiero guardar este tiempo para la comunidad

From Margaret Stewart Slattery to Everyone 07:50 PM

- Link to survey in English:
- [https://ucdavis.co1.qualtrics.com/jfe/form/SV\\_8nLyoM3s9rqigVo](https://ucdavis.co1.qualtrics.com/jfe/form/SV_8nLyoM3s9rqigVo)

- Enlace para la encuesta en español:
- [https://ucdavis.co1.qualtrics.com/jfe/form/SV\\_8nLyoM3s9rqigVo?Q\\_Language=ES](https://ucdavis.co1.qualtrics.com/jfe/form/SV_8nLyoM3s9rqigVo?Q_Language=ES)

From Consuelo Alejandra Marquez to Everyone 07:50 PM

- the only academic literature that the Commission has shared on their docket log is from Nikolai Lakic, which gives me an immense amount of doubt since it's only from one source

From Margaret Stewart Slattery to Everyone 07:50 PM

- My email/mi correo: msslattery@ucdavis.edu

From Consuelo Alejandra Marquez to Everyone 07:50 PM

- ^its many academic papers from nikolai Lakic the last time I saw their docket

From Stephanie Ambriz to Everyone 07:50 PM

- "Minimizes" does not mean there are no harmful impacts nor does it give us any idea of the extent of the impact

From Esther B to Everyone 07:51 PM

- Existe literatura científica independiente para respaldar las respuestas por los comisionados?

*Translation: Is there independent scientific literature to support Commissioners' responses?*

From Brenda Ortiz she/her to All Panelists 07:51 PM

- When will health concerns be addressed in depth

From Elisabeth de Jong to Everyone 07:51 PM

- Please note that comments submitted to the Chat will be read aloud into the public record during the public comment period.

From Cristina Marquez, IBEW to Everyone 07:51 PM

- Hello, Cristina Marquez with IBEW Local 569, the electrical workers. We represent over 3,700 members in San Diego and Imperial Counties. I wanted to know if you are all considering state-approved apprenticeships? We have an apprenticeship in imperial valley since 2008 and will be expanding our apprenticeship location soon. For me, graduating from the apprenticeship changed my life being a woman AND a minority and I know it would benefit



many next generation electricians if we focus on outreach in the high schools about these opportunities.

From Consuelo Alejandra Marquez to Everyone 07:51 PM

- Yes, i hope these comments are read.

From Esther B to Everyone 07:52 PM

- Thank you

From Rosario Sabala to Everyone 07:52 PM

- The power plants that was shared in this presentation, is this what I should prepare for to be built next to my back yard? As commissioners, are you okay with having this in your backyard?

From Consuelo Alejandra Marquez to Everyone 07:55 PM

- When we say that we do not want extraction to happen period, is there even a chance for the project to be stopped? All of the commissioners talk like its going to happen regardless of what we want. Will you listen to us or is this just lip service?

From Bito Larson to Everyone 07:56 PM

- Once extracted, how is it delivered to the processing facility (the battery plant)? Can we expect increased traffic on Hwy 111? If so, are there plans to widen this already underdeveloped infrastructure?

From Hector Meza to Everyone 07:58 PM

- Consuelo the extraction is already happening ... brine is just been sent back and not been used ... that's how geothermals work

From Consuelo Alejandra Marquez to Everyone 07:58 PM

- Thank Hector, I guess a better word will be expansive extraction for the lithium project specifically.

From Coachella Site 2 to All Panelists 08:00 PM

- no questions in coachella

From Stephanie White to Everyone 08:01 PM

- I guess my question as well is that what is being to counter and mitigate pollutants in the air and in the ground and water supply as a result of the geothermal process? Where is the brine "being sent back" exactly?

From Rosario Sabala to Everyone 08:02 PM

- A common theme pointed out today" Wealth", "greatest benefits is economics", "investment", "royalties"... This doesn
- sound community centered

From Coachella Site 2 to All Panelists 08:03 PM

- We need to close down site here in Coachella.

From Hector Meza to All Panelists 08:04 PM

- Geothermals already inject the brine back in the ground... and the separation of the lithium is going to be in the pipe and not in ponds

From Gabriel Fajardo to Everyone 08:05 PM

- Outside of these community forums, how will communities be educated about this new type of technology that is less impactful on environment? If the technology being used is by Lilac?

From Michael A McKibben to Everyone 08:05 PM

- Regarding commercially viable Li extraction from the brines, there are internal efforts by the geothermal producers, as well as a call for new extraction technologies funded by DOE:  
<https://www.herox.com/GeothermalLithiumExtraction>

From Esther B to Everyone 08:08 PM

- Imperial County for many years does not meet clean air standards, highest asthma rates, hospital visits compared to the rest of the state

From Consuelo Alejandra Marquez to Everyone 08:09 PM

- The state can even start to plan on how to clean/improve the Salton Sea, but they want to Extract Lithium within four years,

From Rosario Sabala to Everyone 08:10 PM

- I second consuelo

From Consuelo Alejandra Marquez to Everyone 08:11 PM

- \*the state can't

From ELENA MORO to Everyone 08:12 PM

- I third Consuelo

From Stephanie White to Everyone 08:13 PM

- Thank you Assemblymember Eduardo Garcia for that clarification. I think when we see the black smoke puffing from those facilities it is worrisome, and it's so close to the 4000 acre habitat restoration project, it just doesn't feel like a habitat rich area with the geothermal plants dotting the south end of the Salton Sea.

From Esther B to Everyone 08:17 PM

- We request more community engagement and education.
- Ocupamos mas inclusión, información comunitaria.

From Consuelo Alejandra Marquez to Everyone 08:18 PM

- THEN WHY MAKE THIS COMMISSION?????
- (con't) if you guys wont help us uplift our voices when we say that we don't want the lithium extraction project to happen at all

From Pati Leal-Gutierrez (she, hers) to Everyone 08:20 PM

- In regards to public health and local air and water agencies, can the commission share any reports or studies that look into the public health impacts associated with geothermals in the southern region of Imperial? I am unsure if this information is available. It is also not as easy to say that geothermal practices can be easily dismissed to not be causing any health issues seen in the southern and northern region of the Salton Sea. As stated before, the California Department of Public Health should be in these conversations and providing input, data, and guidance. Please read this comment out loud if time permits. Thank you.

From Rosario Sabala to Everyone 08:20 PM

- I agree with North Shore Yacht club comments. I also think we need to take literacy into consideration by avoiding technical terms. At this point, I don't feel that I'm well informed.

From Stephanie White to Everyone 08:21 PM

- I agree with Esther B. and the North shore Yacht Club question/concern: part of the research and analyzing phase should be central to community quality of life enhancements. If there is no improvements in this regard, then we aren't listening to what the immediate community needs are, so what is the point in even "engaging the community" in the first place. Thank you sir at Calipatria Community center for that great point.

From Esther B to Everyone 08:22 PM

- + Pati

From Elizabeth Romero, UCR to All Panelists 08:25 PM

- Esteemed Commissioners, Assemblymember Garcia and members of the public, UC Riverside stands to support the research and analysis needed from economic development to public health to workforce development to lithium extraction processes and much more. We several renowned multidisciplinary experts that have explored many of the questions referenced tonight.
- Visit our website: <https://www.saltonseataskforce.ucr.edu/>
- Thank you,
- [Elizabeth.Romero@ucr.edu](mailto:Elizabeth.Romero@ucr.edu)

From sandra ramirez to All Panelists 08:26 PM

- Como será impactado nuestro suelo? Habrá algún impacto geológico? El agua que se usará para la extracción del Lithium se usará agua reciclada? El agua que se desvía del Río Colorado se verá afectado?

*Translation: How will the soil be impacted? Is there any geological impact? Will recycled water be used for lithium extraction? Will the water diverted from the Colorado river be affected?*

From Stephanie White to Everyone 08:29 PM

- IF Cali. goes electric... I don't know why we would build an entire industry on a what if; some areas still need 4X4 ability...
- My question is where is the extraction by products going/being dumped from the geothermal plants presently? Into the Salton Sea, or?

From Consuelo Alejandra Marquez to Everyone 08:31 PM

- whenever we ask you guys what the environmental and health consequences we will face due to your lithium extraction, you avoid the question and say that it'll be a potential less pollution due to new technologies. --- how have you even verified this technologies aside from the few papers on your docket log by Nikolai Lakic and whatever UCR tells you? if it's brand new, why experiment on us?

From Hector Meza to Everyone 08:31 PM

- Stephanie they get injected back into the ground where they came from. To my understanding.

From Consuelo Alejandra Marquez to Everyone 08:32 PM

- Hector, so the Salton Sea salinity just increases? wow love that for us.

From Hector Meza to Everyone 08:33 PM

- It doesn't get injected to the Salton Sea

From Andrea Vidaurre to Everyone 08:34 PM

- Will CARB or other state agencies be coordinate with to try and reduce lithium battery demands by coordinating a more efficient movement of goods/more public transit, etc

From ivette torres to All Panelists 08:34 PM

- Thank you to the community for all your questions, I echo folks concerns on where public input can continue in the process and that public health needs to be in the commission, why and how can it be added? Also when we look at the potential of more developers what does that expansion look like? How much of the saltón sea will remain public? If not community benefit agreements need to happen.

From Gabriel Fajardo to Everyone 08:35 PM

- Is this the type of technology being considered?  
<https://lilacsolutions.com/technology/>

From Tom Sephton to Everyone 08:36 PM

- Yes Lilac is one technology intended to be used in Imperial County.

From Pati Leal-Gutierrez (she, hers) to Everyone 08:38 PM

- Can the links be dropped again and the website? thanks

From Michael A McKibben to Everyone 08:38 PM

- The Li sustainability projects are just getting started at LBNL and UCR.

From Tom Sephton to Everyone 08:38 PM

- Energy Source CEQA: <https://ceqanet.opr.ca.gov/2020120143/3>

From Elisabeth de Jong to Everyone 08:39 PM

- Information about the Lithium Valley Commission including upcoming meetings can be found on the webpage:  
- [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)

From Laurel Glass Lees to Everyone 08:40 PM

- For an Executive Summary of Environmental Impacts and Mitigation, see the Energy Source ATLiS Project Environmental Impact Report on page 9 of the pdf (ES-4): [https://files.ceqanet.opr.ca.gov/266414-3/attachment/1WAuc8St0q6pOKUU198nvMAjVyToYppAVahm\\_j0pGKvijQDseTzeb hSqUWzg\\_s9AsKTPbLRQ\\_XPG7h4b0](https://files.ceqanet.opr.ca.gov/266414-3/attachment/1WAuc8St0q6pOKUU198nvMAjVyToYppAVahm_j0pGKvijQDseTzeb hSqUWzg_s9AsKTPbLRQ_XPG7h4b0)

From Consuelo Alejandra Marquez to Everyone 08:40 PM

- THE ONUS OF INFORMING/INFORMATION SHOULD NOT BE ON THE COMMUNITY - IT SHOULD BE ON THE OFFICIALS TASKED ON COMMUNICATING WITH US INSTEAD. How can y'all literally send a link and say "here"? SMH

From Andrea Vidaurre to Everyone 08:41 PM

- These are the same talking points we hear about building warehouses in the inland empire

From Consuelo Alejandra Marquez to Everyone 08:43 PM

- They sound like big tobacco
- Go off, Queen who is speaking right now <3

From Andrea Vidaurre to Everyone 08:45 PM

- Are there any public health professionals on the commission or workshops in the future that will focus on that?

From Sergio Luna to Everyone 08:48 PM

- Can the CalEnergy rep explain to the public what goes in their Desert Monofill location

From Margaret Stewart Slattery to Everyone 08:49 PM

- Just one more time-- Link to survey in English:  
[https://ucdavis.co1.qualtrics.com/jfe/form/SV\\_8nLyoM3s9rqigVo](https://ucdavis.co1.qualtrics.com/jfe/form/SV_8nLyoM3s9rqigVo)  
Enlace para la encuesta en español:  
[https://ucdavis.co1.qualtrics.com/jfe/form/SV\\_8nLyoM3s9rqigVo?Q\\_Language=ES](https://ucdavis.co1.qualtrics.com/jfe/form/SV_8nLyoM3s9rqigVo?Q_Language=ES)  
My email/mi correo: [msslattery@ucdavis.edu](mailto:msslattery@ucdavis.edu)

From Conchita Pozar to Everyone 08:51 PM

- gracias Max por la traducción en Purepecha

*Translation: Thank you for the Purepecha interpretation Max.*

From Stephanie White to Everyone 08:52 PM

- The Salton Sea is like a giant swimming pool: no outlets, and not connected to the actual local water resources in the area in the water tables underneath it. What is more scary is taking resources from our water tables that are ancient and have sustained the fragile ecosystem since time immemorial.

From Moy Moreno-Rivera | CNRA to Everyone 08:52 PM

- Gracias, Max!

From Consuelo Alejandra Marquez to Everyone 08:52 PM

- Yay Max! MVP

From North Shore Yacht Club to All Panelists 08:56 PM

- We are closing down the North Shore Yacht Club Site.

From Cristina Marquez, IBEW to All Panelists 08:57 PM

- Apprenticeships too!
- Paid apprenticeships.

From Consuelo Alejandra Marquez to Everyone 08:57 PM

- BRUH the "Great Resignation" happened for a reason, because employees were not being paid fairly, were being taken advantage of, and the current work field is so outdated, among other things.

From Cristina Marquez, IBEW to All Panelists 09:01 PM

- Thank you for this! On behalf of IBEW Local 569

From Consuelo Alejandra Marquez to Everyone 09:06 PM

- would an increase in property value be followed by displacement for those who can no longer afford to live in the areas? Also, there are various communities who live in trailers, so.....
- thanks yall goondihgt.
- \*goodnight yall and do better lmao

## Questions Received via Zoom Question & Answer Feature

### Questions Read Out Loud

Erika Ramirez-Mayoral

- Is there something wrong with the English Channel? I cannot hear assemblymember Garcia

James Silva

- Development of Lithium Brine Recovery technology represents competition for existing suppliers of lithium internationally (as mentioned). What is the opportunity for existing suppliers to pivot and undermine the ability of domestic production to become sufficiently competitive to secure long term investment?

Isabella Arzeno-Soltero (she/her/ella)

- There is a lot of mention of job creation. Will the lithium extraction companies actually offer these jobs to community members that don't have the required training (and invest the money in training them), or will the companies import workers from other municipalities (that already have the necessary training), thus not benefitting the local community?

Anonymous Attendee

- "I am encouraged by the rational, fact-based discussion I have heard so far in today's meeting. I especially appreciate the commissioners' support for improving the local economy and education.
- One of the biggest questions from local residents is how do the commissioners anticipate that the lithium extraction companies will support the restoration of the badly degraded Salton Sea? The biggest concern in this regard is controlling the emissions of toxic dust from the contaminated salt deposits on the playas (beaches) of the Salton Sea. Please provide actual specifics."

VIkRuz8888

- can rod elaborate on their current project?

Michael A McKibben

- The evidence for a complete lack of connection between the sea and the geothermal reservoir is presented in Williams and McKibben (1989)

Sergio Rodriguez

- Que impactos causaría en el medio ambiente y cómo lo resolverán porque todo proceso de extracción contamina
- no queremos nuestros pueblos desabitables por la contaminación de agua y tierra y aire
- sabemos que cualquier proceso de extracción contamina y no queremos estar más contaminados de lo que estamos
- porque mejor no la limpian en vez de sacar litio

*Translation:*

- *What are the environmental impacts and how will those environmental impacts be solved since all extraction processes pollute.*
- *We don't want our community to be uninhabitable due to water, land, and soil contamination.*
- *We know that any extraction processes cause pollution, we don't want more pollution.*
- *Why don't we clean instead of extracting lithium?*



Sandra Ramirez

- Como será impactado nuestro suelo? Habrá algún impacto geológico? El agua que se usará para la extracción del Lithium se usará agua reciclada? El agua que se desvía del Río Colorado se verá afectado?

*Translation: How will the soil be impacted? Is there any geological impact? Will recycled water be used for lithium extraction? Will the water diverted from the Colorado river be affected?*

Anonymous Attendee 09:00 PM

- What does Supervisor Kelley believe the positive benefits will be for his northend Imperial County district?

### Questions Not Read Out Loud Due to Time Constraints

Poti Leal-Gutierrez (she, hers)

- In regards to public health and local air and water agencies, can the commission share any reports or studies that look into the public health impacts associated with geothermals in the southern region of Imperial? I am unsure if this information is available. It is also not as easy to say that geothermal practices can be easily dismissed to not be causing any health issues seen in the southern and northern region of the Salton Sea. As stated before, the California Department of Public Health should be in these conversations and providing input, data, and guidance. Please read this comment out loud if time permits. Thank you.

Tom Sephton

- Would the Lithium Valley Commission be willing to cooperate with the EcoMedia Compass and other Imperial County non-profits to summarize the Energy Source CEQA information for local residents?

Consuelo Alejandra Marquez 08:41 PM

- whenever we ask you guys what the environmental and health consequences we will face due to your lithium extraction, you avoid the question and say that it'll be a potential less pollution due to new technologies. how have you even verified this technologies aside from the few papers on your docket log by Nikolai Ladic and whatever UCR tells you? if it's brand new, why experiment on us?

Tom Sephton

- How can the geothermal lithium developers contribute to restoration of the Salton Sea that lies above the geothermal resource?

Anonymous Attendee 09:10 PM

- can the Rep from CalEnergy explain to the public what is in their Desert Monofill location
- "Where does the water come from (what is its source)? How much water is involved in the process? Where does the effluent water end up?
- How many local jobs are projected? How many people work in a lithium processing plant? How many temporary construction jobs?
- What is the impact on air quality?
- What is the projected economic benefit to the community (direct & indirect)?
- Can you provide interested members of the public tours of the current geothermal facilities (assuming they use the lithium process being considered)? If not, can you provide us a video that does the same?
- Is there any fuel used in the process being considered?
- Where else is the process being considered used?
- Will the construction of the processing plants be carbon neutral?
- What directives are public agencies (e.g. IID) under that require the transition to renewables (I assume geothermal is considered a renewable power source in the state directives)?
- How many generated MWs are potentially available if the area is fully developed?"
- What would the output of lithium be when full development has been accomplished?
- Doesn't lithium extraction via geothermal power production require significantly more water than standard geothermal power production?
- How much IID provided "industrial usage" water will be required when full development has been completed?
- Couldn't imported sea water (for the Salton Sea), that has been desalinated, be used instead of IID's "industrial usage" water?
- Colorado River water distribution is about to be cut in half again, how will that impact IID's "industrial usage" available water?
- Are the current geothermal plants unionized?
- How can you do an EIR when the technology is not currently in service anywhere?
- Couldn't a desalinization plant be run off of geothermal generated power?
- How can a final report be created by the commission when a demonstration plant is not yet even in service?
- How long after full development will the lithium reserve be fully depleted?"