

CARB Stockton Community Meeting Zoom Chat Transcript
February 1, 2021 5:00 pm – 7:00 pm

00:17:16 Jonathan Pruitt- Catholic Charities: Wonderful to hear!

00:17:45 CSC - Mariah Looney - Restore the Delta: Thank you for joining us Deldi! Looking forward to working with you.

00:17:47 Albert Rivas-GOV: good afternoon! Welcome Deldi!

00:18:27 CSC-Jonathan Pruitt- Catholic Charities: You're doing great Skott!

00:18:33 Jessica Olsen - AD: you'll be great, Skott! As always

00:23:45 Deldi Reyes, CARB, OCAP: Happy to meet you all today. deldi.reyes@arb.ca.gov/ cell: 279 203 7477

00:24:06 CSC- Matt Holmes- Little Manila Rising (he/him/his):Thanks for that Deldi. :-)

00:37:12 CSC-Jonathan Pruitt- Catholic Charities: I'd like to echo that

00:37:32 CSC - Mariah Looney - Restore the Delta: Great point, Matt. Stockton is always at the bottom of the list, it seems.

00:42:20 CSC-Jonathan Pruitt- Catholic Charities: For those who are coming in later in the agenda, we are just doing public comments

00:44:08 CSC-Jonathan Pruitt- Catholic Charities: DTSC?

00:44:27 CSC-Jonathan Pruitt- Catholic Charities: Department of Toxic Substance and Control maybe?

00:46:54 CARB - Melissa Houchin: Yes, DTSC is Dept of Toxic Substances Control

00:48:21 CSC-Jonathan Pruitt- Catholic Charities: I meant if they would be the agency that would provide more insight

00:49:44 CSC- Matt Holmes- Little Manila Rising (he/him/his):So it is the Air District? I know CPUC has regulated fugitive dust in many instances. The Port is a Public Owned Utility.

00:52:35 CSC-Jonathan Pruitt- Catholic Charities: Jeff has his hand up

00:53:35 Ryan Hayashi - AD: Depending on who owns the operation would determine who would be required to potentially obtain an operating permit from the District

00:53:43 CARB-Heather Choi: You got it, Skott!

00:55:31 Jeffrey Wingfield-GOV: In regards to dust, the company handling cargo has a requirement to utilize mist systems or other practice to reduce dust.

00:55:55 Christal Lazard - CARB: @Ryan would you be able to explain what steps are needed to start an evaluation to see if a permit is warranted?

00:56:16 Jeffrey Wingfield-GOV: We have staff that oversees and enforces those requirements.

00:56:44 CSC- Matt Holmes- Little Manila Rising (he/him/his):Thanks Jeff

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- 00:57:55 Ryan Hayashi - AD: @Christal, typically, new businesses or businesses modifying operations that will either generate air pollutants or control air pollutants submit permit applications to the Air District, the District reviews the applications and makes a determination on whether a permit is needed.
- 00:58:09 Jeffrey Wingfield-GOV: Can I address Catherine's concern?
- 00:58:30 CSC- Matt Holmes- Little Manila Rising (he/him/his): Do I understand Angela correctly that CA allows dirtier vessels than those allowed at other Pacific Ports?
- 00:58:38 Christal Lazard - CARB: @Ryan~Thanks for the info!
- 01:02:14 Jeffrey Wingfield-GOV: No Matt, that's not correct
- 01:02:44 CSC- Matt Holmes- Little Manila Rising (he/him/his): Ok I heard that we get Tier 2 & 3 and Tier 1 are more modern
- 01:02:45 Jeffrey Wingfield-GOV: We all get the same vessels pretty much
- 01:03:09 CSC- Matt Holmes- Little Manila Rising (he/him/his): We being CA or "Pacific Ports"
- 01:03:13 Catherine Garoupa White, CSC: So Jeff to clarify are you suggesting the bonnet is good for all ships, or for the non dry bulk vessels? What I heard during the presentation was that because they need to load and move that bonnets don't work well?
- 01:04:21 Jeffrey Wingfield-GOV: Well let me back track a little. Some of the newer vessels that come to the container ports might burn a little better but they all use the same fuels.
- 01:04:50 CARB - Nicole Light Densberger: Matt, Tier 3 are the cleanest ships. There are not many Tier 3 vessels visiting the United States yet. We get a lot of Tier 1 and 2 ships. Would be happy to discuss more, if needed.
- 01:04:55 Jeffrey Wingfield-GOV: My understanding is that the bonnets work for all vessel types
- 01:05:58 CSC- Matt Holmes- Little Manila Rising (he/him/his): Cool I got it backwards. But the concept that nice ships go to Europe and old ships come to us because we have a more lax regulatory environment still seems to hold up.
- 01:06:59 Jeffrey Wingfield-GOV: We've been pushing IMO to regulate all ships to even the playing field but they have not yet done so.
- 01:08:29 CSC- Matt Holmes- Little Manila Rising (he/him/his): no doubt
- 01:09:00 GOV - Robyn DeGuzman: Would it be correct to say that ports that accommodate cruise ships would generate less pollution then, since those ships have the newer technology to plug in?
- 01:10:03 CSC- Matt Holmes- Little Manila Rising (he/him/his): landing page for statewide strategies.
- 01:10:04 Jeffrey Wingfield-GOV: Catherine, it is difficult to move the bonnet while the vessel is line hauled and we have not yet worked out that challenge. That is true...a lot of this is very new to us and we are still trying to figure it out!

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- 01:10:08 CSC- Matt Holmes- Little Manila Rising (he/him/his): <https://ww2.arb.ca.gov/resources/ab-617-statewide-strategy-summary>
- 01:11:04 CARB - Melissa Houchin: On the topic of demonstration projects for CHC or CHE, I don't have a comprehensive knowledge of everything that has been done, but I do know of some projects for CHE that have been done at the Port of Oakland, specifically for hybrid equipment. On the CHC side, I don't know of any recent projects but I know that one project we would love to see happen is to get a project funded (possibly through CERPs) to test out Level 3 diesel particulate filters (DPF). I would be happy to talk more about this with anyone interested to hear more also.
- 01:11:34 CARB - Nicole Light Densberger: Matt, I also wanted to mention that we have found that a lot of older ships come to California not because of a lax regulatory environment, but because of global trade patterns. Newer vessels tend to be cleaner and larger, and larger ships trade on the Asia-Europe routes. California typically receives cargo coming from Asia, with lower volumes than what is traded from Asia to Europe's largest ports.
- 01:11:47 CSC- Matt Holmes- Little Manila Rising (he/him/his): Keep in mind these are CERPs that were drafted without basic cost benefit analyses...and both communities have deep concerns about them that they address by requiring long term community oversight, cerp implementation flexibility and carb timetable felxibility
- 01:13:15 CARB - Melissa Houchin: If anyone has more questions or interest in discussing demonstration projects, my email is Melissa.houchin@arb.ca.gov
- 01:13:52 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thanks Nicole
- 01:15:01 CSC-Jonathan Pruitt- Catholic Charities: Will there be time for CARB to share what BNSF just got awarded for? Ed just shared it with me through email
- 01:15:38 CSC- Matt Holmes- Little Manila Rising (he/him/his): Warren Buffet's got his pockets pulled out again.
- 01:15:59 Catherine Garoupa White, CSC: Jeff, can you forecast ship traffic to the POS and estimate how many emissions 1 bonnet could address? Not sure I have seen that data, if it has been shared.
- 01:16:02 CARB - Nicole Light Densberger: Matt - In regards to your last question, we are able to track the number of times vessels visit our ports here in California. The difference is that bulk and tanker ships usually operate as "tramp ships", meaning that they tend to visit ports in California maybe once or twice a year (or maybe once or twice ever). Separately, container, auto, and cruise ships are on "liner schedule". This means they come back to the same ports over and over again. I believe there are a handful of bulk vessels that come back on a routine basis to a few ports in California, but the vast majority will only come 1-2 times.
- 01:16:40 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thanks Nicole. "Tramp Ships" wins for the night.
- 01:17:34 Christal Lazard - CARB: Here is the BNSF resource from Ed

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- 01:17:41 CSC-Jonathan Pruitt- Catholic Charities: What a timeline lol
- 01:19:41 CSC- Matt Holmes- Little Manila Rising (he/him/his): Impressive timeline
- 01:19:52 CSC-Jonathan Pruitt- Catholic Charities:
<https://www.bizjournals.com/dallas/news/2019/09/12/bnsf-wabtec-battery-locomotive.html>
- 01:19:58 CSC-Jonathan Pruitt- Catholic Charities: This was back in 2019
- 01:20:39 CSC-Jonathan Pruitt- Catholic Charities:
<https://www.bizjournals.com/pittsburgh/news/2021/01/05/wabtec-bnsf-pilot-battery-electric-locomotive.html>
- 01:21:00 CSC-Jonathan Pruitt- Catholic Charities: Pittsburgh-based Wabtec partnered with BNSF Railway Co. to pilot battery-electric locomotive technology on a route between Barstow and Stockton, California, this week.
- Tim Bader, senior business communications leader at Wabtec, said the locomotive technology was designed and manufactured at Wabtec's Erie, Pennsylvania, facility.
- Bader said the pilot, set to run from January through the end of March, marks part of Wabtec's sustainability efforts. The program is part of a \$22.6 million grant that BNSF received from the Zero and Near Zero- Emission Freight Facilities project by the California Air Resource Board.
- 01:21:08 CSC-Jonathan Pruitt- Catholic Charities: This is 2021
- 01:21:16 Espe Vielma CAFE Coop (CSC): <https://www.bnsf.com/news-media/railtalk/service/battery-electric-locomotive.html>
- 01:22:33 CARB - Nicole Light Densberger: Catherine - I'm a little behind on this, but I also wanted to make sure we answered your question on the At Berth remediation fund. The remediation fund is something that vessel or terminal operators can pay if they have invested in reducing emissions but are unable to reduce emissions at berth (for example, if the equipment breaks). The remediation fund will be administered by a third party, like an Air District, that will then work with the ports and public to decide how best to use that money to get the emissions reductions needed. Please feel free to reach out to me at nicole.lightdensberger@arb.ca.gov if you want to discuss further, we are happy to talk more on this subject
- 01:23:01 CARB-Heather Choi: CARB is funding a pilot electric locomotive which is testing the route from Stockton to Barstow. Pretty cool!
<https://www.greencarcongress.com/2021/01/20210105-bnsf.html>
- 01:23:05 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thanks Nicole.
- 01:23:16 Espe Vielma CAFE Coop (CSC): @Jonathan it take awhile to build the locomotive and there are quite a few companies involved

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01:23:49 CSC-Jonathan Pruitt- Catholic Charities: @Espe it would be great for this info be shared lol

01:23:55 CARB - Ajay Mangat: <https://ww3.arb.ca.gov/msprog/lct/pdfs/flexiblesolutions.pdf>

01:24:10 CSC-Jonathan Pruitt- Catholic Charities: I'd like to see the locomotive

01:24:34 CSC-Jonathan Pruitt- Catholic Charities: I'll take CARBs spot lol

01:25:46 Nate Knodt: I am aware of BNSF Pilot Locomotive Project and wish to be included in any visit! Nate Knodt

01:25:54 albert rivas: electric locomotive is impressive.

01:26:07 albert rivas: tha h it

01:26:40 CSC Ed Ward: Ill let you go first Jonathan, but I want to be in-line... LOL

01:27:20 albert rivas: thank you for informative presentations tonight

01:29:01 Nate Knodt: These locomotives are a step beyond "Gen-Set" Locomotives that were used in Southern California switching yards by both BNSF and UP that ultimately were not considered successful. These newer locomotives are more pure battery and regenerative braking and more geared to mainline "road freight" service.

01:30:14 CSC-Jonathan Pruitt- Catholic Charities: If there are still a lot of pilots and not enough full scaled locomotive projects, it's not worth to put AB 617 funds into it

01:30:20 Nate Knodt: I should add that the Gen-Set locomotives used "sets of engines and battery packs and pioneered about 10 years ago, but not continued in service.

01:30:48 CSC Ed Ward: Matt what smaller rail utilities are you speaking of?

01:30:54 CSC- Matt Holmes- Little Manila Rising (he/him/his): Seems like a long time to wait

01:31:04 CSC- Matt Holmes- Little Manila Rising (he/him/his): switcher engines

01:31:59 CSC- Matt Holmes- Little Manila Rising (he/him/his): Great tip

01:32:17 Espe Vielma CAFE Coop (CSC): @nate yep you got it !!! and BNSF and all companies have to put in their part of the monies it's a matching grant not fully funded so they have to pay. The locomotive is in stockton and goes to Barstow

01:33:13 CSC- Matt Holmes- Little Manila Rising (he/him/his): And the federal gov't relation ship with them has deemed rail communities as disposable

01:33:15 CSC-Jonathan Pruitt- Catholic Charities: If there are residents that need more clarification on things, please let me know. You can send me a message if you'd like to stay anonymous

01:33:33 CSC- Matt Holmes- Little Manila Rising (he/him/his): Tough call Thanks.

01:33:54 CSC- Matt Holmes- Little Manila Rising (he/him/his): Need a New CA AG yesterday.

01:34:25 CSC Ed Ward: beside BNSF and Union Pacific who owns switcher engines that can be targeted?

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- 01:36:27 Nate Knodt:Central California
- 01:36:49 CSC-Jonathan Pruitt- Catholic Charities: How many classes are there for locomotives?
- 01:36:57 CSC-Jonathan Pruitt- Catholic Charities: Is there a link to find this?
- 01:37:41 CSC- Matt Holmes- Little Manila Rising (he/him/his):Happy to learn more Ed :-)
- 01:38:14 Nate Knodt:Central California Traction Co. is the official railroad of the Port of Stockton owned and working in coordination with BNSF and UP. Its mainline operates between Stockton and Lodi with an "embargoed mainline" that is still in place between Lodi - Sheldon - and Sacramento, but has not been operated since about 1998.
- 01:38:30 albert rivas:how is the rail car replacement enforced if no authority to comply?
- 01:38:44 CSC- Matt Holmes- Little Manila Rising (he/him/his):Thanks Nate
- 01:38:56 Christina Fugazi: Great questions and comments!
- 01:39:21 EJCW Arlene Galindo: Nate is a Railroad historian:) See ya soon Nate!
- 01:39:42 Christina Fugazi: Nate is a transportation expert!
- 01:39:46 Nate Knodt:All Aboard!
- 01:39:53 CARB, Jen Kozumplik: Railyard Session coming up March 4th? You can provide a link to the meeting notice on CARB's website: CARB Railyard Emissions "Virtual" Listening Session | California Air Resources Board

There is a survey link in the calendar description that we would like those attending to take so that they can help design the meeting as well.

Hi Everyone!

- 01:39:58 EJCW Arlene Galindo: @Christina for sure!
- 01:40:21 CSC-Jonathan Pruitt- Catholic Charities: Identify theft is not a joke Jim- the Office
- 01:41:43 CSC Ed Ward: Thank you Jen for your presentation
- 01:44:12 CARB, Jen Kozumplik: oops my Railyard Listening session chat went over too quickly! Here's the info with an actual web address this time: Railyard Session coming up March 4th. Link to the meeting notice on CARB's website: <https://ww2.arb.ca.gov/events/carb-railyard-emissions-virtual-listening-session>
There is a survey link in the calendar description that we would like those attending to take so that you can help design the meeting as well.
- 01:45:42 Mary Elizabeth CSC : thank you.

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- 01:45:55 CSC-Jonathan Pruitt- Catholic Charities: I wish these incentives were in a graph or some design
- 01:50:37 Regina Reynolds: Thanks Matt. for helping us stay focused on that. point.
- 01:52:01 Kyle Goff - CARB: I'll let Skott talk of course but I just wanted to say, GREAT QUESTION Matt
- 01:52:11 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thanks Regina/Skott
- 01:53:05 Eric Bissinger/CARB: <https://fundingwizard.arb.ca.gov/web/>
- 01:54:45 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thank you Cristina. Great Description.
- 01:55:01 Cristina Echeverria (CARB, California Climate Investments): California Climate Investments Webinar Page:
<http://www.caclimateinvestments.ca.gov/webinars>
- You can also access the presentation slides directly:
- >For Land Conservancies:
https://static1.squarespace.com/static/55a6b117e4b002796fd89798/t/5fb2d093e1274067eb45a655/1605554339495/LC+Webinar+Slides_Final_for+ADA+v2.pdf
- >For NonProfits:
https://static1.squarespace.com/static/55a6b117e4b002796fd89798/t/5fbc4af645ca4f7902504a8c/1606175496334/NP+Webinar+Slides_Final.pdf
- >For Local Governments:
https://static1.squarespace.com/static/55a6b117e4b002796fd89798/t/5fdb8e7462ff57564b2ddab/1608231147118/LG+Webinar+Slides_final.pdf
- Sign up to be kept up to date on our upcoming webinars:
<https://docs.google.com/forms/d/e/1FAIpQLScW8MX0nN6nxxNET1c1j5P9PFPX2QLI3P97bmXE2l2vZmfIjw/viewform>
- Lastly, please feel free to reach out to us!
info@caclimateinvestments.ca.gov
- 01:55:46 Espe Vielma CAFE Coop (CSC): thank you Cristina ! your website is very helpful
- 01:57:05 CARB-Heather Choi: Kyle - can their CAP funds supplement the Clean Mobility in Schools grant?
- 01:57:57 Christal Lazard - CARB: @Doug here are the CCI programs for individuals
<http://www.caclimateinvestments.ca.gov/funding-for-individuals>
- 02:00:04 Kyle Goff - CARB: Heather: That's definitely a possibility -- if the steering committee and the air district draft up a community-identified project to combine efforts and funds from CAP funds alongside Clean Mobility in Schools money, that could work. It'd take some deliberate coordination from your folks and our folks, the air district, and the community, but we could make it work!

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- 02:00:55 Kyle Goff - CARB: As with everything around community-identified projects, the key is showing strong support from the community -- which is to say community members at-large but also the actual members of the steering committee.
- 02:01:45 EJCW Arlene Galindo: Community members please follow EJCW on Facebook as we usually post and relay information on all of these programs.
- 02:02:34 EJCW Arlene Galindo: <https://www.facebook.com/ejcwater/>
- 02:02:37 CSC-Jonathan Pruitt- Catholic Charities: Thank you CARB staff for all attending to answer potential questions!
- 02:03:09 Brian Dodds - AD: Thank you Aria I'm happy to answer any questions about the District's grant programs including our Drive Clean in the San Joaquin replacement program. Please feel to reach me at brian.dodds@valleyair.org
- 02:03:49 CSC- Matt Holmes- Little Manila Rising (he/him/his): Does anyone from SUSD attend our meetings?
- 02:04:12 CSC-Jonathan Pruitt- Catholic Charities: Maria Mendez and Silvia Cantu are on the steering committee
- 02:04:37 CSC-Jonathan Pruitt- Catholic Charities: I haven't seen Maria in awhile. I understand she's busy. But I'd like for her to be aware of this
- 02:05:39 CSC-Jonathan Pruitt- Catholic Charities: Maria Mendez is the Board of Trustee for parts of the Stockton AB 617 boundary zone
- 02:05:46 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thanks Jonathan
- 02:06:24 CSC-Jonathan Pruitt- Catholic Charities: I'd like for the newly elected Board of Trustees to be part of this conversation
- 02:06:29 Mary Elizabeth CSC : Maria Mendez is also a member of the Boggs Tract Community Advisory Board
- 02:07:03 Kellie Jean Hogue (she/her/hers): <https://www.grants.ca.gov/>
- 02:07:33 Kellie Jean Hogue (she/her/hers): <https://www.grants.ca.gov/site-statistics-dashboard/>
- 02:07:42 Trish Johnson-CARB: Thanks Shivani!
- 02:07:43 CSC-Jonathan Pruitt- Catholic Charities: Are we able to get some notes to give a brief overview on this meeting?
- 02:07:54 CSC-Jonathan Pruitt- Catholic Charities: Thank you Trish!
- 02:08:35 CSC- Matt Holmes- Little Manila Rising (he/him/his): Thanks everyone. Thanks Skott. Great Start.
- 02:08:37 EJCW Arlene Galindo: Great job tonight Skott

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- 02:08:46 Aria Berliner (CARB): Thank you everyone for attending. If you have any light-duty incentive related questions, please do not hesitate to reach out to me. My email address is aria.berliner@arb.ca.gov
- 02:08:59 Catherine Garoupa White, CSC: Thank you CARB team for all the information.
- 02:09:04 Kyle Goff - CARB: Herculean effort getting all this organized, Skott!
- 02:09:20 CSC-Jonathan Pruitt- Catholic Charities: Skott, your hard work doesn't go unnoticed. I appreciate all CARB and VAD staff here to answer questions
- 02:09:21 Shivani Bose-Varela: Thank you Trish and everyone else. If you are interested in learning more about the grants.ca.gov. Please feel free to contact us at CAGrantsPortal@library.ca.gov
- 02:09:27 CSC Ed Ward: Lots of good information thank you
- 02:09:31 CARB-Heather Choi: Clean Mobility in Schools project at SUSD is amazing. Here is my email heather.choi@arb.ca.gov.
- 02:09:31 Espe Vielma CAFE Coop (CSC): Skott muchísimas gracias to you , your team and the air district staff !!
- 02:09:41 EJCW Arlene Galindo: Thank you Community members!!
- 02:10:01 albert rivass: thanks for reaching out
- 02:10:14 albert rivass: sounds great - I'll email you
- 02:11:38 R- Douglas Vigil (He\Him\His): yes thank you Joanthan
- 02:12:11 CSC-Jonathan Pruitt- Catholic Charities: I'll try to get some notes to help out lol
- 02:12:28 Shivani Bose-Varela: You can always subscribe to daily/weekly subscription for the Grants Portal to see all the newest grant opportunities posted by the state agencies. <https://www.grants.ca.gov/subscribe-to-updates/>
- 02:13:47 Jeffrey Wingfield-GOV: Matt are you familiar with Tree Plotter? We are considering signing up and possibly sharing with the AB 617 group if it would be used to track our tree planting.
- 02:13:50 Deldi Reyes, CARB, OCAP: So glad I was able to listen in to this great discussion--thanks all.
- 02:13:54 CSC- Matt Holmes- Little Manila Rising (he/him/his): Yeha I looked at htat
- 02:13:57 CSC- Matt Holmes- Little Manila Rising (he/him/his): there's a few
- 02:14:16 CSC-Jonathan Pruitt- Catholic Charities: Thank you Deldi for joining!
- 02:14:20 CSC- Matt Holmes- Little Manila Rising (he/him/his): I settles on Forest Metrix In Richmond Jeff
- 02:14:33 CSC- Matt Holmes- Little Manila Rising (he/him/his): But they all do the same thing. GPs tree tracking.

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02:14:38 CARB, Jen Kozumplik: Great Job Skott!

02:14:38 CSC- Matt Holmes- Little Manila Rising (he/him/his): goos stuff

02:14:43 CSC- Matt Holmes- Little Manila Rising (he/him/his): good*

02:14:45 Jeffrey Wingfield-GOV: Ok I'll look into that one as well!

02:14:50 Kyle Goff - CARB: See you all on Wednesday!

02:14:56 Jeffrey Wingfield-GOV: Thanks all