

DOCKETED

Docket Number:	19-SPPE-04
Project Title:	SJ2
TN #:	241455
Document Title:	Ada E Márquez Comments - CEQA Comment Letter On Evidence of Significant Environmental Impacts (4 of 4)
Description:	N/A
Filer:	System
Organization:	Ada E. Márquez
Submitter Role:	Public
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Docketed Date:	2/7/2022

Comment Received From: Ada E. MÃ¡rquez
Submitted On: 2/7/2022
Docket Number: 19-SPPE-04

CEQA Comment Letter On Evidence of Significant Environmental Impacts

Document 4 of 4 (Main letter + 4 appendixes.)

Additional submitted attachment is included below.

DOCKETED	
Docket Number:	19-SPPE-04
Project Title:	SJ2
TN #:	240082
Document Title:	SJC Data Center Response to Data Request Set #6
Description:	N/A
Filer:	Jerry Salamy
Organization:	Jacobs
Submitter Role:	Applicant Consultant
Submission Date:	10/15/2021 2:42:22 PM
Docketed Date:	10/15/2021

Attachment DR-68
Bay Area Air Quality Management District
Correspondence

From: [Frohning, John/SEA](#)
To: [Engel, Elyse/SJC](#)
Subject: FW: BAAQMD Cumulative CEQA Health Risk
Date: Monday, October 4, 2021 10:50:24 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image008.png](#)
[image009.png](#)


FYI


From: Matthew Hanson <mhanson@baaqmd.gov>
Sent: Monday, September 27, 2021 5:10 PM
To: Frohning, John/SEA <John.Frohning@jacobs.com>
Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>
Subject: [EXTERNAL] RE: BAAQMD Cumulative CEQA Health Risk


Hi John.

Please see the dataset links and the assumptions below. These links will only be active for 7 days but I am happy to resupply if more time is needed. Note you will need to isolate your project as we are no longer providing IT support for the tool. Let me know if there's anything else.

Highway cancer:  [highwaycancer.zip](#)

Highway PM2.5:  [highpm25.zip](#)

Major Road cancer:  [majstrcancer.zip](#)

Major Road PM2.5:  [majstrpm25.zip](#)

The datasets are raster files with cancer risk and DPM for all highways/freeways and roadways >30,000 AADT (annual average daily traffic). They show the modeled values for each source (high = highway, majstr = major streets, and rail = rail) in 20 x 20 meter grid cells. The raster files incorporate AADT for that highway using EMFAC 2014 data for fleet mix and **includes** OEHHA's 2015 Guidance Methods.

The Air District assigned vehicle counts on each link using information from the California Department of Transportation (Caltrans) and the Metropolitan Transportation Commission (MTC) for all roads with greater than 30,000 AADT. Traffic counts for state highways are from 2014 while surface streets AADT reflect 2015 counts when available, with older counts from 2010 through 2013 if data were missing. Sources of data used for the activity data are described below.

- State highway activity on the state highway system was represented using 2014 AADT counts from Caltrans. AADT values represent the total traffic volume for the year divided by 365 days, and these counts are reported for state highway segments defined using milepost values. Caltrans provides AADT data for total traffic and for trucks only, with trucks classified by axle number (the two-axle class excludes pickups and vans with only 4

tires).

- Daily traffic counts on surface streets were obtained from Metropolitan Transportation Commission (MTC) which receives roadway counts from local agencies as part of the Highway Performance Monitoring System (HPMS) with the exception of Santa Rosa, which posts the AADT on their web page.
- Year 2014 traffic volumes were forecast to 2017 using county-level growth factors from the California Air Resources Board's (ARB) EMFAC2014 mobile source emissions model. EMFAC2014 was run for all Bay Area counties for 2014, and vehicle miles of travel (VMT) output data were used to calculate the growth factors needed to project 2014 traffic volumes to 2017.

Best Regards,



Matthew Hanson (he/his)

Environmental Planner

Bay Area Air Quality Management District
Planning & Climate Protection Department
375 Beale St. Suite 600 | San Francisco, CA 94105

☎ 415-749-8733 | mhanson@baaqmd.gov

From: Frohning, John/SEA <John.Frohning@jacobs.com>

Sent: Monday, September 27, 2021 3:41 PM

To: Matthew Hanson <mhanson@baaqmd.gov>

Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>

Subject: RE: BAAQMD Cumulative CEQA Health Risk

Thanks Matthew!

Yes, the ARCMAP dataset should be OK for now.

The segment of SR237 is in the attached figure. This is just West of the Interstate 880 interchange.

Let me know if you would like to discuss.

Regards,

John F.

John Frohning | [Jacobs](https://www.jacobs.com) | Air Quality Specialist

O: +01.206.687.7099 | john.frohning@jacobs.com

1100 112th Ave. NE Suite 500 | Bellevue, WA 98004 | USA

From: Matthew Hanson <mhanson@baaqmd.gov>

Sent: Monday, September 27, 2021 3:07 PM

To: Frohning, John/SEA <John.Frohning@jacobs.com>

Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>

Subject: [EXTERNAL] RE: BAAQMD Cumulative CEQA Health Risk

Hi John,

Thank you for your patience. The District currently does not have a screening tool for major roadways and highways, and strongly recommends that mobile sources be modeled with EMFAC2021. The 2014 Roadway Screening Analysis Calculator is out of date and is currently being updated. Upon request, we can provide the ARCMAP datasets for the 2014 on-road mobile source cancer risk and PM2.5 concentrations but they may be under conservative. Let me know if you have any other questions or would like the ARCMAP data.

Best Regards,



Matthew Hanson (he/his)

Environmental Planner

Bay Area Air Quality Management District
Planning & Climate Protection Department
375 Beale St. Suite 600 | San Francisco, CA 94105

☎ 415-749-8733 | mhanson@baaqmd.gov

From: Frohning, John/SEA <John.Frohning@jacobs.com>

Sent: Friday, September 24, 2021 9:05 AM

To: Wendy Goodfriend <wgoodfriend@baaqmd.gov>; Matthew Hanson <mhanson@baaqmd.gov>

Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>; Areana Flores <aflores@baaqmd.gov>

Subject: RE: BAAQMD Cumulative CEQA Health Risk

Hi Wendy,

Thanks for the response.

Have a great weekend!

Matthew, let me know if you would like to discuss.

Regards,

John F.

From: Wendy Goodfriend <wgoodfriend@baaqmd.gov>

Sent: Friday, September 24, 2021 9:03 AM

To: Frohning, John/SEA <John.Frohning@jacobs.com>; Matthew Hanson <mhanson@baaqmd.gov>

Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>; Areana Flores <aflores@baaqmd.gov>

Subject: [EXTERNAL] RE: BAAQMD Cumulative CEQA Health Risk

Hi John. Matthew Hanson, included on this email, will help you out with this request. Today is our regular day off so look for info from Matthew sometime next week.

Wendy

Wendy Goodfriend, Ph.D. | Air Quality Planning Manager
Planning and Climate Protection Division
Bay Area Air Quality Management District
Office: 415-749-4641 | [Mobile: 415-308-6518](tel:415-308-6518)

From: Frohning, John/SEA <John.Frohning@jacobs.com>
Sent: Friday, September 24, 2021 8:48 AM
To: Areana Flores <aflores@baaqmd.gov>
Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>; Wendy Goodfriend <wgoodfriend@baaqmd.gov>
Subject: RE: BAAQMD Cumulative CEQA Health Risk

Thanks Areana for the followup!

Wendy, feel free to let me know if you require any additional information or would like to discuss.
Thanks,
John F.

From: Areana Flores <aflores@baaqmd.gov>
Sent: Thursday, September 23, 2021 3:33 PM
To: Frohning, John/SEA <John.Frohning@jacobs.com>
Cc: Salamy, Jerry/SAC <Jerry.Salamy@jacobs.com>; Wendy Goodfriend <wgoodfriend@baaqmd.gov>
Subject: [EXTERNAL] RE: BAAQMD Cumulative CEQA Health Risk

Hi John,

Thanks for bringing this to our attention. I am now working on another program but Wendy, Air Quality Planning Manager, should be able to assist you. I have cc'd her above.

Thank you,



AREANA FLORES
PROGRAM LEAD, CLIMATE TECH FINANCE
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From: [Frohning, John/SEA](#)
Sent: Thursday, September 23, 2021 3:23 PM
To: [Areana Flores](#)
Cc: [Salamy, Jerry/SAC](#)

Subject: BAAQMD Cumulative CEQA Health Risk

CAUTION: This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Arena,
Your contact information was supplied at the bottom of the BAAQMD Risk Screening Guidance to obtain information not currently available within the CEQA Toolkit.

I am assisting a client conduct a cumulative Risk Assessment. As such, we are looking for HRA Screening values for major roadways within 1,000-ft of our project (Risk and PM2.5). We have identified SR237, directly west of Interstate 880 as a segment within 1,000-ft.

Please let me know if you are available to discuss or if you can point me to the correct contact within BAAQMD to obtain the data.

Thanks in advance.
Regards,
John F.

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