AB 617 Community Air Protection Program
North-End Community: Brawley-Westmorland-Calipatria
Steering Committee Meeting Agenda
Calipatria High School Library
601 West Main St.
Calipatria, CA 92233

MEETING AGENDA
Monday, October 21, 2024
5:30 p.m. – 7:30 p.m.

Facilitator: Imperial County Air Pollution Control District

WELCOME

1. **ROLL CALL/OPENING REMARKS BY CSC MEMBERS** — **ICAPCD**

2. **PUBLIC COMMENT PERIOD** — **ICAPCD**
   Comments are to be limited to no more than 3 minutes per person.

3. **APPROVAL OF MINUTES** — **ICAPCD**
   Review and approval of Minutes of the September 23, 2024 CSC Meeting.
   (Attachment: September 23, 2024 Minutes)

4. **PRESENTATIONS:**

   A. **AB 617 North-End Community Emissions Inventory** — **CARB**
   California Air Resources Board (CARB) staff will present the 2022 emissions inventory for the AB 617 North-End Community to identify emission sources, establish baseline emissions and forecast the future emissions inventory.
   (Attachment: AB 617 North-End Community Emissions Inventory)

   B. **Sensor Update and Draft Data Report** — **SCS Engineers**
   SCS Engineers staff will present a status update of the CSC determined priority sites along with the QuantAQ map. The site status update will be followed by a draft data report of PM2.5 and PM10 for the August 2024.
   (Attachment: Sensor Update & Draft Data Report)

5. **DISCUSSION/INFORMATION ITEMS**
   A. **Imperial County AB 617 North-End Corridor Open Discussion** — **ICAPCD**

6. **AGENCY UPDATES** — **ICAPCD**

7. **AGENDA TOPICS FOR NEXT MEETING** — **ICAPCD**
   Discuss the next CSC meeting/workshop for November 18, 2024 at Hidalgo Hall (410 S Cesar Chavez Street, Brawley, CA 92227).

8. **CLOSING REMARKS/AJOURNMENT** — **ICAPCD**

AB 617 Programa de Protección del Aire Comunitario
Comunidad Norte: Brawley-Westmorland-Calipatria
Agenda De La Reunión Del Comité Directivo
Calipatria High School Library
601 West Main St.
Calipatria, CA 92233

AGENDA DE LA REUNIÓN

Lunes, 21 de Octubre, 2024
5:30 p.m. – 7:30 p.m.

Facilitador: Imperial County Air Pollution Control District

BIENVENIDO

1. **PASO DE LISTA / PALABRAS DE APERTURA DE LOS MIEMBROS DEL CSC** **ICAPCD**

2. **PERIODO DE COMENTARIOS PÚBLICOS** **ICAPCD**
   Los comentarios deben limitarse a no más de 3 minutos por persona.

3. **APROBACIÓN DEL ACTA** **ICAPCD**
   Revisión y aprobación de Actas de la Reunión del CSC del 23 de Septiembre de 2024.
   (Adjunto: Acta del 23 de Septiembre de 2024)

4. **PRESENTACIONES:**

   A. **Inventario de emisiones de la comunidad norte AB 617** **CARB**
   El personal de la Junta de Recursos del Aire de California (CARB) presentará el inventario de emisiones de 2022 para la comunidad AB 617 North-End para identificar las fuentes de emisión, establecer emisiones de referencia y pronosticar el inventario de emisiones futuro.
   (Attachment: Inventario de emisiones de la comunidad norte AB 617)

   B. **Actualización del sensor y borrador del informe de datos** **SCS Engineers**
   El personal de SCS Engineers presentará una actualización del estado de los sitios prioritarios determinados por CSC junto con el mapa de QuantAQ. La actualización del estado del sitio será seguida por un informe preliminar de datos de PM2.5 y PM10 para agosto de 2024.
   (Attachment: Actualización del sensor y borrador del informe de datos)

5. **ARTÍCULOS DE DISCUSIÓN/INFORMACIÓN**
   A. **Discusión abierta sobre el corredor Norte AB 617 del condado de Imperial** **ICAPCD**

6. **ACTUALIZACIONES DE LA AGENCIA** **ICAPCD**

7. **TEMAS DEL AGENDA PARA LA PRÓXIMA REUNIÓN** **ICAPCD**
   Discuta la próxima reunión del CSC para el 18 de noviembre de 2024 en en el Salón Hidalgo (410 S Cesar Chavez Street, Brawley, CA 92227).

8. **OBSERVACIONES DE CLAUSURA/CIERRE DE CLAUSURA** **ICAPCD**

3. Minutes:
September 23, 2024
CSC Meeting

AB 617 Community Air Protection Program
Minutes of the North-End Steering Committee Meeting
Westmorland, California
September 23rd, 2024

Facilitator: Imperial County Air Pollution Control District

I. Assistance:

Primaries: **Eric Reyes**, Community Corridor; **Christian Froelich**, Community Corridor; **Hector Cervantes**, Community Corridor; **Sergio Cabañas**, Community Corridor; **Mario Lopez**, Community Corridor; **Sergio Valenzuela**, Community Corridor.

Alternates: **Yolanda Lopez**, Community Corridor; **Christian Torres**, Community Corridor**.**

Other Agency Staff: **Belen Leon-Lopez**, Air Pollution Control District; **Israel Hernandez**, Air Pollution Control District; **Adriana Carrillo**, Air Pollution Control District; **Abigail Arballo**, Air Pollution Control District; **Andrea Juarez**, California Air Resources Board; **Fernando Amador**, California Air Resources Board; **Katherine Chan**, Ramboll; **Alek Van Houghton**, Ramboll; **Kaitlyn Elkind**; Ramboll; **Richard Cordero**, Westmorland Union Elementary School District; **Isabel Solis**, Los Amigos de La Comunidad.

I. Opening Remarks

Israel Hernandez welcomed everyone. He mentioned they reached a quorum.

Carlos Diaz de Leon mentioned the instructions for enabling the translation services.

Israel Hernandez said the recording consent guidelines. He reminded the members to mention their names before commenting.

Eric Reyes said the home air purifiers project was a good idea. He asked how many they had available.

Israel Hernandez commented they're looking into the needs of the community. He mentioned that they're in the process of receiving applications. He said they've received 65 applications up until that point.

Eric Reyes asked what areas were eligible to apply.

Israel Hernandez said the west shores and the eastern side of the Salton Sea were the eligible areas. He asked the members to spread the word.

Sergio Cabañas apologized for not joining the previous meeting. He thanked all the active members for participating monthly in the discussions.

II. Public Comment Period

Maria said she is a Brawley resident and received a letter from APCD informing the community that a T-Mobile generator was going to be installed. She said not everyone affected received the letter, which she said was important because it is about the health of the community. She mentioned they followed up with the APCD offices. She said she was concerned about the emissions from the generator when it was turned on. She commented that permit 42301.6 concerns her because it talks about sources of hazardous emissions within a thousand feet. She said there is a school and Gonzales Park across the street. She commented that she did not agree with the installation of this generator. She said they collected signatures from neighbors who didn't agree.

Israel Hernandez thanked **Maria** for her comment. He asked her if she could share the letter with the signatures so they could share it with their permitting division.

Eric Reyes asked if they could share the dates for the notice.

Israel Hernandez commented the last date to send comments for the public notice was October 7th.

One participant commented that the letter they shared did not have a date indicated. She suggested that it may have been intended to keep the community from knowing. She said they were given a 30-day deadline. She mentioned that there are several schools in the vicinity of the generator location.

Israel Hernandez said comments will be accepted until October 7. He said this time was for community members to give their comments about the generator.

Isabel Solis said she was the president of Los Amigos de La Comunidad. She said a representative from the school district mentioned the generator to them. She said they would go to the school district board the next day to find out if the district was aware of the generator. She said they want to ask for an extension so they can deliver the letter to more community members.

III. Approval of Minutes

Eric Reyes motioned to approve the August 19th meeting minutes.

Sergio Valenzuela seconded the motion.

The motion passed.

IV. Presentations

2024 CERP Survey Results, Katherine Chan & Alek Van Houghton; Ramboll.

Hector Cervantes asked how the 400,000 dollar budget would be used.

Alek Van Houghton mentioned they assumed it would cover two 200,000-dollar projects. He commented they could look into examples from the South-End regarding the areas and emission reductions.

Hector Cervantes said 400,000 dollars didn't seem like a lot for a paving project.

Alek Van Houghton mentioned the total draft budget for CAP Incentive Funding was around 3.8 million.

Katherine Chan commented the draft budget was only for year 1.

Israel Hernandez said the numbers were replicated from the South-End CERP. He commented they expect future funding to come into the North-End. He mentioned that the budget of 400,000 dollars was a minimum. He commented the Heber School parking lot was around 170,000 dollars and the Southwest parking lot was around 190,000 dollars.

Christian Froelich asked if the paving projects included roads and sidewalks.

Israel Hernandez confirmed it included both.

Eric Reyes asked if the applicants needed to know that the projects required to be maintained for 10 years.

Israel Hernandez mentioned they go through a contract period to ensure they're obligated to maintain the project for 10 years.

Christian Froelich asked if the 10 years should be a minimum.

Alek Van Houghton mentioned that would be dictated in the CAP Incentive Guidelines.

Mario Lopez suggested adding sidewalks in Westmorland near the school.

Belen Leon-Lopez commented the requirement for projects is a maximum of 10 years. She mentioned that was how they determined the cost-effectiveness of the projects.

Richard Cordero asked who would lead the sidewalk grant for Mario Lopez's proposal.

Israel Hernandez commented the city of Westmorland would have jurisdiction over the city streets so they would apply for the grant.

Christian Torres asked if the guidelines specified anything about matching funds.

Israel Hernandez confirmed they could match funds for projects like these.

Alek Van Houghton commented that examples from the South-End included matching funds.

Katherine Chan asked if there was interest in increasing the amount they would be able to incorporate it.

Christian Froelich mentioned they should consider increasing the budget for paving projects.

Katherine Chan said they could increase it if the committee wished.

Christian Froelich mentioned that on August 28th the state energy commission allocated 500 million dollars towards school buses. He commented they should go after those projects with them because he wasn't aware of any other program that could cover paving. He said they should be investing more in paving in their communities.

Alek Van Houghton commented they would get to buses further into the presentation. He said they also suggest pursuing bus strategies through other funding and focusing the CERP strategies on supporting infrastructure.

Israel Hernandez mentioned it was a good time to suggest any budget changes.

Christian Froelich suggested increasing the paving funding to 800 thousand.

Israel Hernandez said the CSC was working on a 5-year plan. He commented that if the committee was ok with that amount they could change it.

Belen Leon-Lopez reminded the committee that the CERP is a living document. She mentioned they could always come back and revisit the CERP the following year.

Alek Van Houghton mentioned they will keep in mind changing the paving project amount to 800 thousand.

Richard Cordero suggested leaving it as a minimum of 400 thousand. He commented it would be difficult for the North-End school districts to develop enough pave-able area to meet the 800 thousand budget for the grant submission.

Israel Hernandez clarified the 800 thousand wouldn't be the minimum required amount. He explained it would be the committee's budget allocated towards paving projects.

Eric Reyes said he didn't mind leaving it at 400 thousand.

Sergio Cabañas suggested each project should be evaluated individually.

Sergio Valenzuela suggested offering gravel bags to yards with a lot of dirt.

Katherine Chan mentioned they would check the CAP Incentive Guidelines to see if they could include it.

Israel Hernandez commented they have the option to identify community projects. He said that was the whole purpose of the committee.

Mario Lopez asked if they were going to require the applicants to maintain the planted trees. He asked what would happen if there was a water shortage.

Israel Hernandez commented the 5-year maintenance period is in the contract and the applicants are required to follow it.

Christian Froelich mentioned there was an eagerness in the Calipatria community to pave the sidewalks of a park that was being constructed in the area. He commented that the city agreed with IID to have a greenified park.

Eric Reyes said incentivizing bringing down dust emissions in Calipatria and Nyland would be beneficial.

Richard Cordero asked the committee to reconsider funding electric school bus grants at 100% or allowing for co-funding.

Alek Van Houghton mentioned they would consider that.

Israel Hernandez asked if the CSC wanted to look into that.

Sergio Valenzuela asked **Richard Cordero** if the infrastructure was part of the funds they would receive.

Richard Cordero commented they applied for another grant to pay for 100% of the infrastructure. He said the bus is holding them up at the moment.

Christian Torres suggested they could include a periodical review of other funding.

Isabel Solis asked would this grant cover maintenance costs for the buses.

Israel Hernandez commented it doesn't cover maintenance costs.

Sergio Valenzuela asked if there were going to be around 100 homes that would be getting the air filters.

Alek Van Houghton said that was correct.

Sergio Valenzuela suggested increasing the amount of homes.

Israel Hernandez mentioned they should keep in mind that they will also be working with the tier 2 strategies. He said they've done projects with filters before and they range around 500 dollars. He mentioned they would probably be able to do more than 100 houses.

Sergio Valenzuela suggested increasing the amount to 150.

Alek Van Houghton said they would consider that.

Hector Cervantes mentioned he doesn't feel comfortable talking about budgets when they don't know the cost of each filter.

Belen Leon-Lopez mentioned that was why they do minimum budgets.

Mario Lopez commented they need to do their part and get involved in the contracts with the potential vendors.

Hector Cervantes asked if they would provide the service only after confirming that the teacher would want it.

Alek Van Houghton confirmed that was correct.

Hector Cervantes asked if they wouldn't provide the service if there weren't any interested teachers.

Israel Hernandez commented that Project Ace in the South-End was able to happen due to the help from the teachers at Southwest High School.

Hector Cervantes mentioned older people aren't always interested in air quality-related issues.

Israel Hernandez said the project needed interest from teachers to be able to do it.

Belen Leon-Lopez commented that the reason for that was that the project needed to have a curriculum at the schools, which had to be accepted by the schools. She said they would be pushing for the schools to have the projects.

Sergio Valenzuela asked if they've considered doing it as an afterschool program as well.

Belen Leon-Lopez mentioned the school has to allow them to be at their premises.

Eric Reyes asked what was the reasoning for not pursuing the ag-burning alternatives as originally proposed.

Belen Leon-Lopez mentioned some of the policies were changed through the South-End recommendations. She said they could share the policy changes with the committee. She commented that Tier-2 strategies take longer to plan out.

Christian Froelich said outreach would help public transportation promotion a lot.

Eric Reyes agreed to remove the additional educational strategies so they could focus on the ones they already have. He said they need to focus particularly on community outreach.

Hector Cervantes agreed to remove them as well.

Christian Froelich suggested having an incentivized public event on all matters related to air quality.

Alek Van Houghton said they will keep that in mind.

Christian Froelich commented using enticing language to invite the public would be helpful.

CAMP Technical Elements Update, Kaitlyn Elkind; Ramboll.

Sergio Valenzuela suggested a notification system for the schools that have monitors on campus.

Eric Reyes asked what the South-End was doing in this regard.

Christian Torres mentioned the South-End school districts use the CCV alert system with their flag program. He asked **Sergio Valenzuela** if the monitors could deploy immediate notifications.

Sergio Valenzuela said that they could implement that in the monitors they're working on. He said they could add the service through QuantAQ.

Israel Hernandez agreed to add a notification system at the schools.

Sergio Cabañas asked **Sergio Valenzuela** how quickly the notifications could be sent out.

Sergio Valenzuela mentioned he wasn't sure but would look into it.

Hector Cervantes asked how a normal community member would be able to view the notifications.

Kaitlyn Elkind said the QuantAQ cloud system can send emails. She mentioned that SCS Engineers could look into it.

V. Discussion / Information Items

There was no discussion or information items.

VI. Agency Updates

Israel Hernandez commented they want to have the CERP completed by December at the latest. He said they would contact Ramboll to see if it would be necessary to have a special meeting to be able to meet that target. He commented the next meeting would be on October 21st which would also include a workshop. He said CARB has confirmed they would include an emissions inventory presentation for the attendees. He mentioned the South-End CSC would have a table assigned at the workshop.

VII. Topics on the Agenda and Date for the Next Meeting.

Hector Cervantes suggested presenting a timeline of their pending action items and deadlines.

Israel Hernandez said he would meet with Ramboll to review that suggestion.

Christian Torres suggested receiving an estimated timeline for the deliverables and also suggested that the committee should have enough time to review the CERP and CAMP.

Alek Van Houghton said they are working on a schedule for that.

Belen Leon-Lopez asked that the members spread the word regarding their workshop. She said the public was also invited.

Israel Hernandez commented the workshop would be at the Calipatria High School library. He said they would share the flier with everyone.

VIII. Final Observations / Closing

Sergio Cabañas mentioned the committee would benefit from better participation from the public if they start doing more in-person outreach and promotion.

Christian Froelich said they would do their best to promote the meeting.

Israel Hernandez thanked everyone for attending.

Meeting adjourned.

Programa Comunitario de Protección Atmosférica Bajo el Auspicio del Proyecto de Ley AB 617
Minuta de la Reunión del Comité Directivo
Westmorland, California
23 de Septiembre del 2024

Facilitador: Distrito de Control de la Contaminación del Aire del Condado de Imperial

I. Asistencia:

Tirulares: **Eric Reyes**, Corredor Comunitario; **Christian Froelich**, Corredor Comunitario; **Hector Cervantes**, Corredor Comunitario; **Sergio Cabañas**, Corredor Comunitario; **Mario López**, Corredor Comunitario; **Sergio Valenzuela**, Corredor Comunitario.

Suplentes: **Yolanda López**, Corredor Comunitario; **Christian Torres**, Corredor Comunitario.

Otro personal de las dependencias: **Belén León-López**, Distrito de Control de la Contaminación del Aire; **Israel Hernandez**, Distrito de Control de la Contaminación del Aire; **Adriana Carrillo**, Distrito de Control de la Contaminación del Aire; **Abigail Arballo**, Distrito de Control de la Contaminación del Aire; **Andrea Juarez**, Junta de Recursos del Aire de California; **Fernando Amador**, Junta de Recursos del Aire de California; **Katherine Chan**, Ramboll; **Alek Van Houghton**, Ramboll; **Kaitlyn Elkind**; Ramboll; **Richard Cordero**, Westmorland Union Elementary School District; **Isabel Solis**, Los Amigos de La Comunidad.

I. Comentarios Iniciales

Israel Hernández le dio la bienvenida a todos. Mencionó que alcanzaron el quórum.

Carlos Díaz de León mencionó las instrucciones para habilitar los servicios de traducción.

Israel Hernández mencionó las pautas de consentimiento de grabación. Recordó a los miembros que mencionaran sus nombres antes de comentar.

Eric Reyes dijo que el proyecto de purificadores de aire para el hogar era una buena idea. Preguntó cuántos tenían disponibles.

Israel Hernández comentó que están analizando las necesidades de la comunidad. He mencionado que están en el proceso de recibir solicitudes. Dijo que han recibido 65 solicitudes hasta ese momento.

Eric Reyes preguntó qué áreas eran elegibles para presentar solicitudes.

Israel Hernández dijo que las costas occidentales y el lado oriental del Mar Salton eran las áreas elegibles. Pidió a los miembros que difundieran la información.

Sergio Cabañas se disculpó por no participar en la reunión anterior. He agradecido a todos los miembros activos por participar mensualmente en las discusiones.

II. Comentarios Públicos

Maria dijo que es residente de Brawley y que recibió una carta de APCD donde informaban a la comunidad que se iba a instalar un generador de T-Mobile. Comentó que no todos los afectados recibieron dicha carta, lo cual dijo ser importante porque se trata de la salud de la comunidad. Mencionó que le dieron seguimiento al tema con las oficinas de APCD. Dijo que le preocupaban las emisiones del generador cuando era prendido. Comentó que el permiso 42301.6 le preocupa ya que este habla sobre fuentes emisoras de emisiones peligrosas dentro de mil pies. Comentó que al cruzar la calle se encuentra una escuela y el parque Gonzales. Dijo que no estaba de acuerdo con la instalación de este generador. Mencionó que juntaron firmas de vecinos que no estaban de acuerdo.

Israel Hernández agradeció a **María** por su comentario. Le preguntó si podía compartir la carta con las firmas para que pudieran compartirla con su división de permisos.

Eric Reyes preguntó si podían compartir las fechas del aviso.

Israel Hernández comentó que la última fecha para enviar comentarios para el aviso público era el 7 de octubre.

Una participante comentó que la carta que compartieron no contaba con alguna fecha indicada. Insinuó que pudo haber sido con intenciones de que la comunidad no supiera. Dijo que les dieron un plazo de 30 días. Mencionó que hay varias escuelas en la cercanía de la ubicación del generador.

Israel Hernandez dijo que se aceptarán comentarios hasta el 7 de octubre. Mencionó que este tiempo era para que los miembros de la comunidad pudieran hacer sus comentarios acerca del generador.

Isabel Solis comentó que era la presidenta de Los Amigos de La Comunidad. Mencionó que una representante del distrito escolar les hizo mención del generador. Comentó que al día siguiente irían a la junta directiva del distrito escolar para investigar si el distrito tenía conocimiento del generador. Dijo que quieren pedir una extensión para poder entregarle la carta a más miembros de la comunidad.

III. Aprobación de Minutas

Eric Reyes propuso aprobar las minutas de la reunión del 19 de agosto.

Sergio Valenzuela secundó la moción.

La moción fue aprobada.

IV. Presentaciones

Resultados de la Encuesta CERP 2024, Katherine Chan & Alek Van Houghton; Ramboll.

Héctor Cervantes preguntó cómo se utilizaría el presupuesto de 400.000 dólares.

Alek Van Houghton mencionó que asumieron que cubriría dos proyectos de 200.000 dólares. Comentó que podrían buscar ejemplos del South-End en relación con las áreas y las reducciones de emisiones.

Héctor Cervantes dijo que 400.000 dólares no parecían mucho para un proyecto de pavimentación.

Alek Van Houghton mencionó que el borrador del presupuesto total para el financiamiento de incentivos del CAP era de alrededor de 3,8 millones.

Katherine Chan comentó que el borrador del presupuesto era solo para el año 1.

Israel Hernández dijo que las cifras se replicaron del CERP del South-End. Comentó que esperan que la financiación futura llegue al North-End. Mencionó que el presupuesto de 400.000 dólares era una cantidad mínima. Comentó que el estacionamiento de la escuela Heber era de alrededor de 170.000 dólares y el estacionamiento del suroeste era de alrededor de 190.000 dólares.

Christian Froelich preguntó si los proyectos de pavimentación incluían caminos y aceras.

Israel Hernández confirmó que incluía ambos.

Eric Reyes preguntó si los solicitantes debían saber que los proyectos debían recibir mantenimiento durante 10 años.

Israel Hernández mencionó que pasan por un período de contrato para asegurarse de que están obligados a mantener el proyecto durante 10 años.

Christian Froelich preguntó si los 10 años deberían ser un mínimo.

Alek Van Houghton mencionó que eso se dictaría en las Directrices de incentivos de CAP.

Mario López sugirió agregar aceras en Westmorland cerca de la escuela.

Belén León-López comentó que los requisitos para los proyectos son un máximo de 10 años. Mencionó que así era como determinaban la relación costo-beneficio de los proyectos.

Richard Cordero preguntó quién lideraría la subvención para aceras para la propuesta de Mario López.

Israel Hernández comentó que la ciudad de Westmorland tendría jurisdicción sobre las calles de la ciudad, por lo que ellos deberían de solicitar la subvención.

Christian Torres preguntó si las directrices especifican algo sobre fondos de contrapartida.

Israel Hernández confirmó que podrían igualar los fondos para proyectos como estos.

Alek Van Houghton comentó que los ejemplos del South-End incluían fondos de contrapartida.

Katherine Chan preguntó si había interés en aumentar la cantidad que podrían incorporar.

Christian Froelich mencionó que deberían considerar aumentar el presupuesto para proyectos de pavimentación.

Katherine Chan dijo que podrían aumentarlo si el comité lo deseaba.

Christian Froelich mencionó que el 28 de agosto la comisión estatal de energía asignó 500 millones de dólares para los autobuses escolares. Comentó que deberían trabajar con ellos en esos proyectos porque no conocía ningún otro programa que pudiera cubrir la pavimentación. Dijo que deberían invertir más en la pavimentación en sus comunidades.

Alek Van Houghton comentó que hablarían de los autobuses más adelante en la presentación. Dijo que también sugieren buscar estrategias para los autobuses a través de otros fondos y enfocar las estrategias del CERP en el apoyo a la infraestructura.

Israel Hernández mencionó que era un buen momento para sugerir cambios en el presupuesto.

Christian Froelich sugirió aumentar el financiamiento para pavimentación a 800 mil.

Israel Hernández dijo que el CSC estaba trabajando en un plan de 5 años. Comentó que si el comité estaba de acuerdo con esa cantidad, podrían cambiarla.

Belén León-López recordó al comité que el CERP es un documento vivo. Mencionó que siempre podrían volver y revisar el CERP el año siguiente.

Alek Van Houghton mencionó que tendrán en cuenta cambiar el monto del proyecto de pavimentación a 800 mil.

Richard Cordero sugirió dejarlo en un mínimo de 400 mil. Comentó que sería difícil para los distritos escolares de North-End desarrollar suficiente área pavimentable para cumplir con el presupuesto de 800 mil para la presentación de la subvención.

Israel Hernández aclaró que 800 mil no sería la cantidad mínima requerida. Explicó que sería el presupuesto del comité asignado a proyectos de pavimentación.

Eric Reyes dijo que no le importaba dejarlo en 400 mil.

Sergio Cabañas sugirió que cada proyecto debería evaluarse individualmente.

Sergio Valenzuela sugirió ofrecer bolsas de grava a los patios con mucha tierra.

Katherine Chan mencionó que revisarán las Pautas de Incentivos del CAP para ver si podían incluirlo.

Israel Hernández comentó que tienen la opción de identificar proyectos comunitarios. Dijo que ese era el propósito del comité.

Mario López preguntó si iban a exigir a los solicitantes que mantuvieran los árboles plantados. Preguntó qué sucedería si hubiera escasez de agua.

Israel Hernández comentó que el período de mantenimiento de 5 años está en el contrato y los solicitantes deben cumplirlo.

Christian Froelich mencionó que había un entusiasmo en la comunidad de Calipatria por pavimentar las aceras de un parque que se estaba construyendo en el área. Comentó que la ciudad acordó con IID tener un parque verde.

Eric Reyes dijo que incentivar la reducción de las emisiones de polvo en Calipatria y Nyland sería beneficioso.

Richard Cordero pidió al comité que reconsiderara la financiación de las subvenciones para autobuses escolares eléctricos al 100% o permitir la cofinanciación.

Alek Van Houghton mencionó que lo considerarían.

Israel Hernández preguntó si el CSC quería investigar eso.

Sergio Valenzuela le preguntó a **Richard Cordero** si la infraestructura era parte de los fondos que recibirían.

Richard Cordero comentó que solicitaron otra subvención para pagar el 100% de la infraestructura. Dijo que el autobús los está retrasando en este momento.

Christian Torres sugirió que podrían incluir una revisión periódica de otros fondos.

Isabel Solís preguntó si esta subvención cubriría los costos de mantenimiento de los autobuses.

Israel Hernández comentó que no cubre los costos de mantenimiento.

Sergio Valenzuela preguntó si habría alrededor de 100 hogares que recibirían los filtros de aire.

Alek Van Houghton dijo que eso era correcto.

Sergio Valenzuela sugirió aumentar la cantidad de hogares.

Israel Hernández mencionó que deben tener en cuenta que también trabajarán con las estrategias de nivel 2. Dijo que han hecho proyectos con filtros antes y que rondan los 500 dólares. Mencionó que probablemente podrían hacer más de 100 casas.

Sergio Valenzuela sugirió aumentar la cantidad a 150.

Alek Van Houghton dijo que lo considerarían.

Héctor Cervantes mencionó que no se siente cómodo hablando de presupuestos cuando no saben el costo de cada filtro.

Belén León-López mencionó que por eso hacen presupuestos mínimos.

Mario López comentó que necesitan hacer su parte e involucrarse en los contratos con los posibles proveedores.

Héctor Cervantes preguntó si brindarían el servicio solo después de confirmar que el interes de los maestros.

Alek Van Houghton confirmó que era correcto.

Héctor Cervantes preguntó si no prestarían el servicio si no hubiera profesores interesados.

Israel Hernández comentó que el Proyecto Ace en el South-End pudo llevarse a cabo gracias a la ayuda de los profesores de la preparatoria Southwest.

Héctor Cervantes mencionó que las personas mayores no siempre están interesadas en los problemas relacionados con la calidad del aire.

Israel Hernández dijo que el proyecto necesitaba el interés de los profesores para poder llevarlo a cabo.

Belén León-López comentó que la razón de ello era que el proyecto necesitaba tener un plan de estudios en las escuelas, que tenía que ser aceptado por las escuelas. Dijo que presionarían para que las escuelas tuvieran los proyectos.

Sergio Valenzuela preguntó si también habían considerado hacerlo como un programa extraescolar.

Belén León-López mencionó que la escuela tiene que permitirles estar en sus instalaciones.

Eric Reyes preguntó cuál era el motivo para no seguir las alternativas de quema agrícola como se propuso originalmente.

Belén León-López mencionó que algunas de las políticas se cambiaron a través de las recomendaciones del South-End. Dijo que podrían compartir los cambios de política con el comité. Comentó que las estrategias de nivel 2 requieren más tiempo para planificarse.

Christian Froelich dijo que la divulgación ayudaría mucho a la promoción del transporte público.

Eric Reyes aceptó eliminar las estrategias educativas adicionales para que puedan centrarse en las que ya tienen. Dijo que necesitan centrarse especialmente en la divulgación comunitaria.

Héctor Cervantes aceptó eliminarlas también.

Christian Froelich sugirió realizar un evento público incentivado sobre todos los asuntos relacionados con la calidad del aire.

Alek Van Houghton dijo que lo tendrán en cuenta.

Christian Froelich comentó que sería útil utilizar un lenguaje atractivo para invitar al público.

Actualización de los Elementos Técnicos del CAMP, Kaitlyn Elkind; Ramboll.

Sergio Valenzuela sugirió un sistema de notificación para las escuelas que tienen monitores en el campus.

Eric Reyes preguntó qué estaba haciendo South-End al respecto.

Christian Torres mencionó que los distritos escolares de South-End usan el sistema de alerta CCV con su programa de banderas. Le preguntó a **Sergio Valenzuela** si los monitores podrían implementar notificaciones inmediatas.

Sergio Valenzuela dijo que podrían implementar eso en los monitores en los que están trabajando. Dijo que podrían agregar el servicio a través de QuantAQ.

Israel Hernández estuvo de acuerdo en agregar un sistema de notificación en las escuelas.

Sergio Cabañas le preguntó a **Sergio Valenzuela** con qué rapidez se podrían enviar las notificaciones.

Sergio Valenzuela mencionó que no estaba seguro, pero que lo investigaría.

Héctor Cervantes preguntó cómo un miembro normal de la comunidad podría ver las notificaciones.

Kaitlyn Elkind dijo que el sistema de nube QuantAQ puede enviar correos electrónicos. Mencionó que SCS Engineers podrían investigarlo.

V. Discusión / Artículos de Información

No hubo discusión ni elementos informativos.

VI. Actualizaciones de las Agencias

Israel Hernández comentó que quieren tener el CERP terminado a más tardar en diciembre. Dijo que se pondrían en contacto con Ramboll para ver si sería necesario tener una reunión especial para poder cumplir con ese

objetivo. Comentó que la próxima reunión sería el 21 de octubre, que también incluiría un taller. Dijo que CARB ha confirmado que incluirán una presentación del inventario de emisiones para los asistentes. Mencionó que el CSC de South-End tendría una mesa asignada en el taller.

VII. Temas de la Agenda y Fecha para la Próxima Reunión.

Héctor Cervantes sugirió presentar un cronograma de las acciones pendientes y las fechas límite.

Israel Hernández dijo que se reuniría con Ramboll para revisar esa sugerencia.

Christian Torres sugirió recibir un cronograma estimado de los entregables y también sugirió que el comité debería tener suficiente tiempo para revisar el CERP y el CAMP.

Alek Van Houghton dijo que están trabajando en un cronograma para eso.

Belén León-López pidió a los miembros que difundieran la información sobre su taller. Dijo que el público también estaba invitado.

Israel Hernández comentó que el taller se llevaría a cabo en la biblioteca de la escuela secundaria Calipatria. Dijo que compartirían el volante con todos.

VIII. Observaciones Finales / Clausura

Sergio Cabañas mencionó que el comité se beneficiaría de una mayor participación del público si comenzaran a realizar más actividades de difusión y promoción en persona.

Christian Froelich dijo que harían todo lo posible para promover la reunión.

Israel Hernández agradeció a todos por asistir.

Se levanta la sesión.

4. Presentations:
A. AB 617 North-End Community Emissions Inventory (CARB)

CALIFORNIA
AIR RESOURCES BOARD

North-End Community
AB 617 Community Emissions Inventory

North-End Community Steering Committee Meeting
October 21, 2024

Adrian Cayabyab, Abhishek Dhiman
Air Quality Planning and Science Division

Emissions Inventories - Foundation of Air Quality Programs

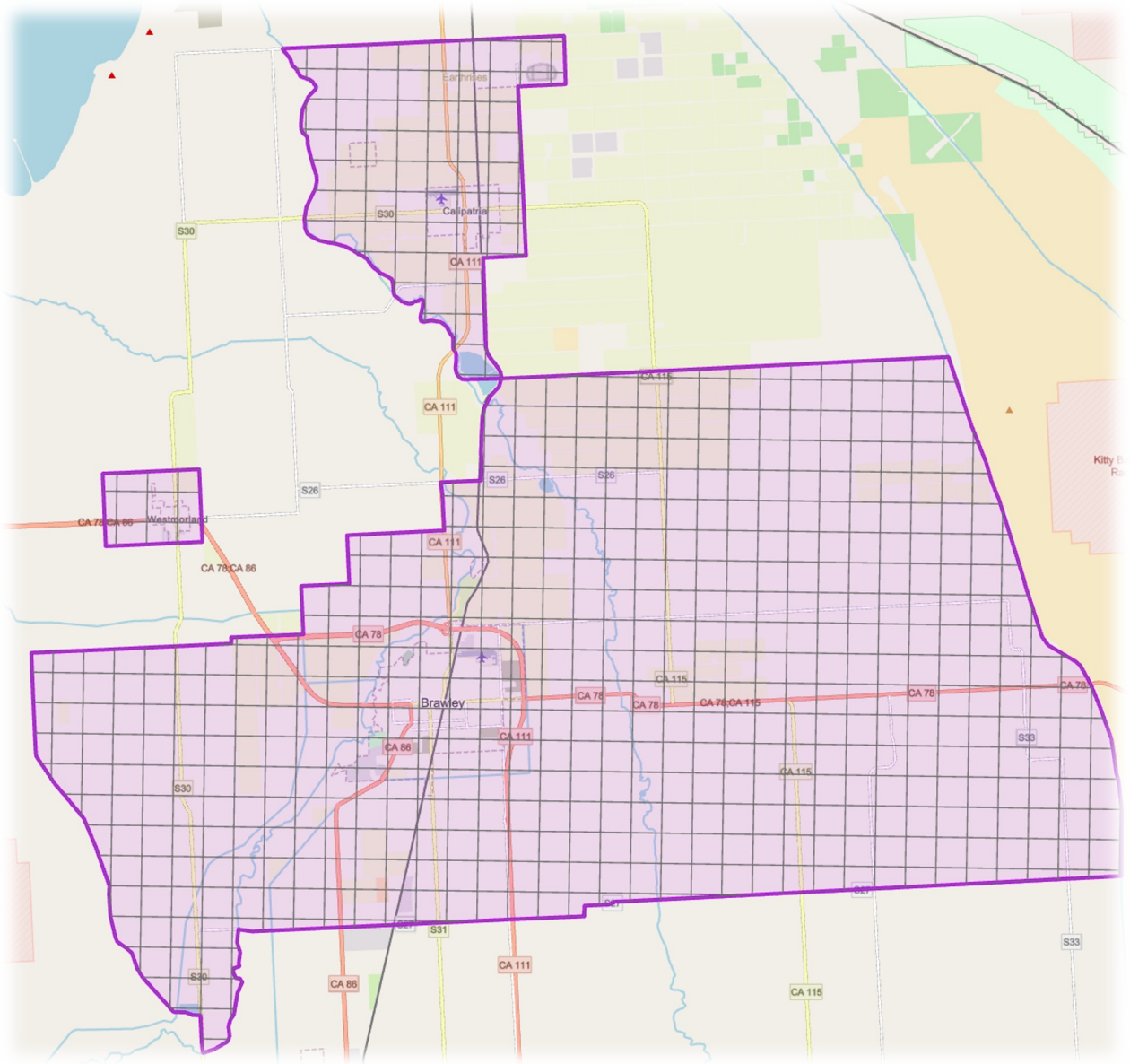
CARB's Community Air Protection Program (CAPP) Blueprint calls for the use of emission inventories in community emissions reduction programs (CERP) to:

- Identify emission sources
- Establish baseline emissions
- Set emission targets and reduction measures
- Track emission reductions

CAPP Blueprint
https://ww2.arb.ca.gov/blueprint-20
https://ww2.arb.ca.gov/capp-blueprint

Community Emissions Inventory Boundary

Includes emissions from sources within the 1x1-kilometer (km) square grid boundary

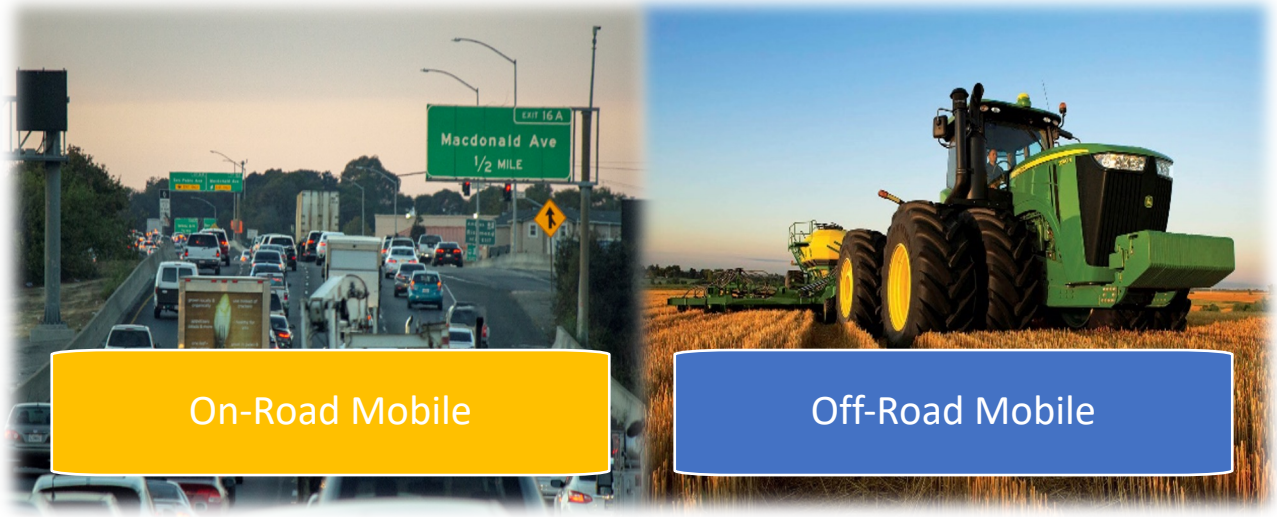


Community Boundary

1-km Grid Community Boundary

What is an Emissions Inventory?

- Accounting of emissions from sources of air pollution
- Developed with best data available and updated over time to reflect sound science and robust new data
- Emission sources are broadly classified into four major categories



Sources of Emissions

Stationary Sources: Fixed sources of air pollution such as power plants, gas stations, manufacturing facilities, and autobody shops

District

Areawide Sources: Are spread over a wide geographic area such as consumer products, paint clean up and thinning solvents, and fugitive dust

CARB/District

On-Road Mobile Sources: Any air pollution emitted by motor vehicles on roadways including passenger cars, trucks, and motorcycles

CARB

Off-Road Mobile Sources: Include small off-road engines and equipment, farm/ construction equipment, off-road recreational vehicles, airplanes, and trains

CARB

Air Pollutants

Criteria Pollutants

- Six criteria air pollutants for which U.S. EPA has established National Ambient Air Quality Standards
- Ozone, particulate matter (PM10 and PM2.5), nitrogen dioxide, sulfur dioxide, carbon monoxide, lead
- Volatile organic compounds (VOCs) and ammonia are considered precursor pollutants

Toxic Air Contaminants (TACs or Air Toxics)

- May cause or contribute to an increase in mortality or an increase in serious illness, and may pose a present or potential hazard to humans
- Air toxics have no state or national ambient air quality standards
- CARB has formally identified over 1,400 pollutants that are subject to reporting as air toxics, including:
  - Benzene, toluene, formaldehyde, polycyclic aromatic hydrocarbons, toxic VOCs, metals are examples of combustion by products and non-combustion processes
  - Diesel particulate matter (DPM) is an example of diesel engine emissions

EPA: Environmental Protection Agency

Emissions Inventory Years for the CERP

Base Year (2022)

Presents an accounting of emissions in a recent year and forms the basis for all future year projections

Establishes emission levels against which progress in emission reductions will be measured

Forecasted (2030/2035)

5th & 10th year after the CERP is adopted by the District Governing Board

Projection of the base year inventory that reflects expected growth trends, and emission reductions due to already adopted control measures

2022 Emissions Inventory for the North-End Community

Source Category	NOx		ROG		$PM_{2.5}$		DPM	
Stationary	86	21%	682	47%	86	8%	0.3	3%
Areawide	25	6%	615	43%	1005	91%	0.0	0%
Off-Road Mobile	182	45%	80	6%	11	1%	7.3	87%
On-Road Mobile	116	28%	68	5%	3	0%	0.8	10%
Total* (tons/year)	409	100%	1,445	100%	1,105	100%	8	100%

NOx: Nitrogen Oxides
ROG: Reactive Organic Gases
PM2.5: Particulate Matter 2.5 Microns or smaller
DPM: Diesel Particulate Matter

The community-scale emissions inventory includes emissions for all criteria pollutants and air toxics. Only a subset is summarized here.

Stationary Sources

- Stationary source emissions are comprised of stationary point and stationary aggregate emissions
  - District oversees stationary point source emissions and submits facility emissions to CARB's Emissions Inventory Development and Reporting System (CEIDARS)
  - CARB supports the District to estimate emissions from many small facilities that are not inventoried individually, but are instead estimated as a group (e.g., dry cleaners, printing shops)
- CARB provides public access to facility emissions through the Facility Search Tool and CARB Pollution Mapping Tool

(https://www.arb.ca.gov/app/emsinv/facinfo/facinfo.php)

(https://ww3.arb.ca.gov/ei/tools/pollution_map/)

Emissions Estimation Method
Stationary Aggregate, Areawide and Off-Road Mobile Sources

Emissions (County)

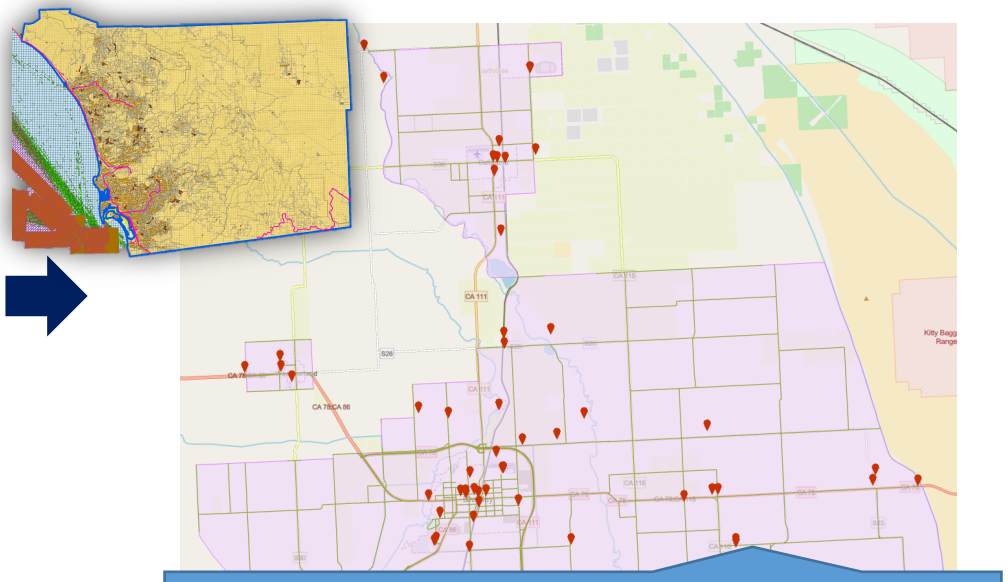
Activity Data

- e.g., survey data for off-road equipment engines population and annual average use hours

Emission Factor

- e.g., US EPA, CARB

Spatial Surrogates

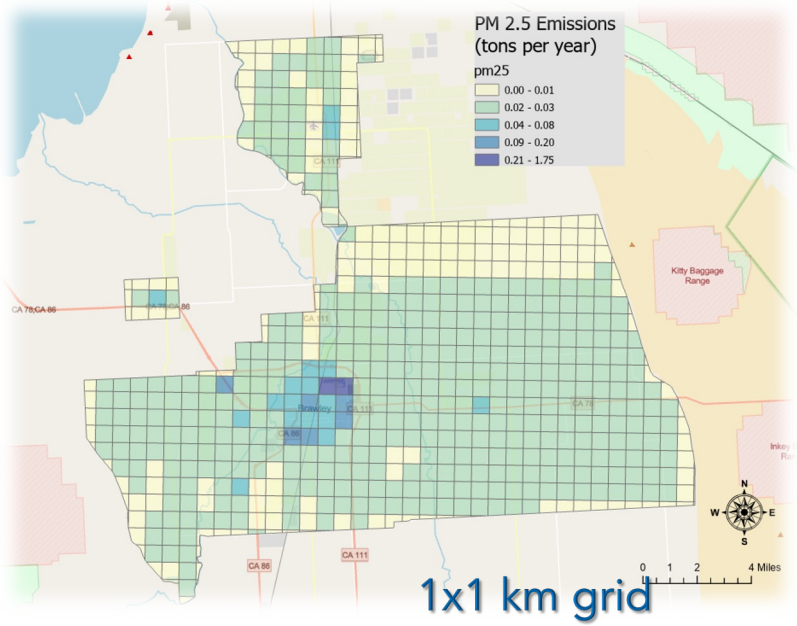


e.g., location of building & road construction, residential and commercial areas

Emissions (Community)

Off-Road Equipment Sources

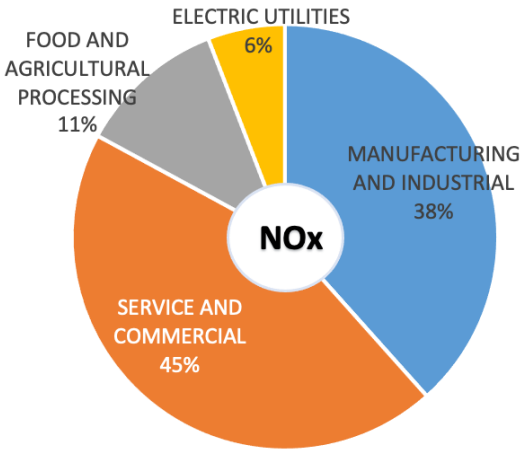
PM2.5 Emissions

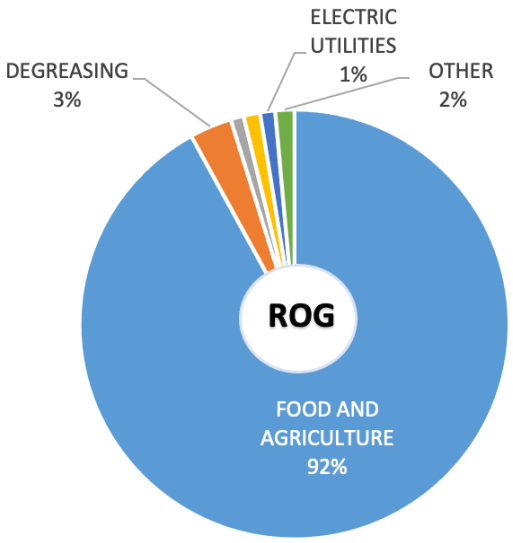


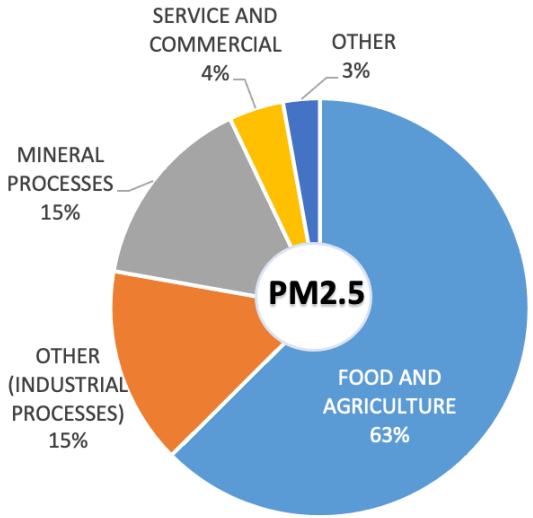
1x1 km grid

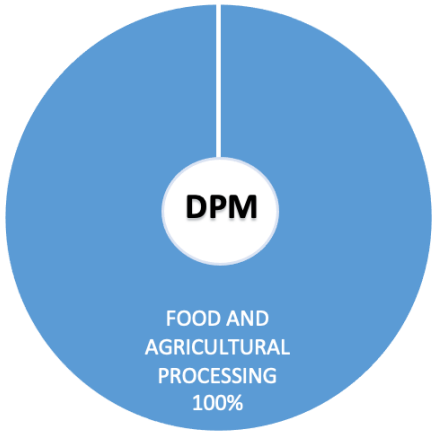
- County-level emissions are distributed to 1km x 1km grids using fraction of spatial surrogate data in each grid = weighted emissions
- Emissions are distributed by spatial surrogates that best represent location of emissions

2022 Stationary Source Emissions for North-End

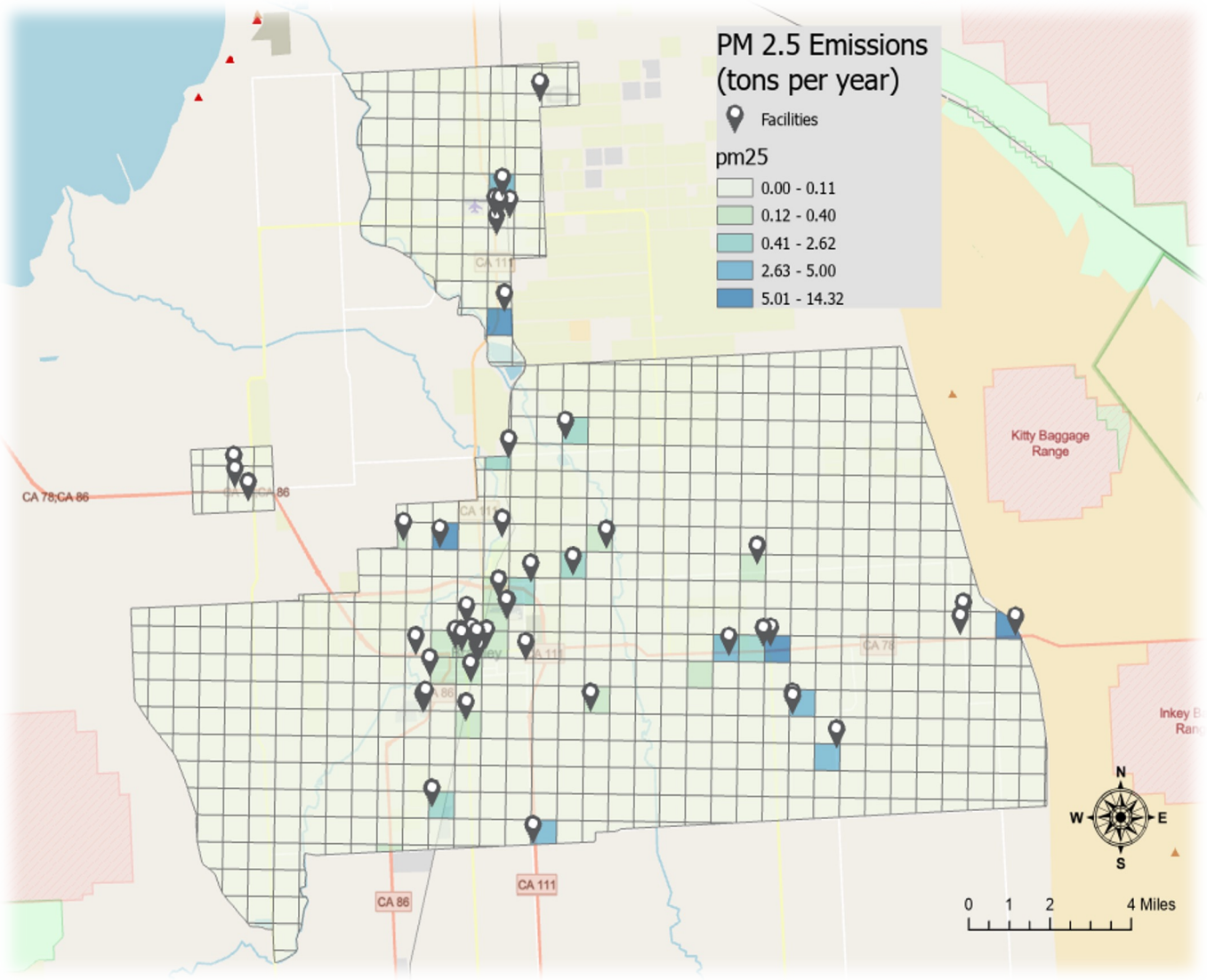








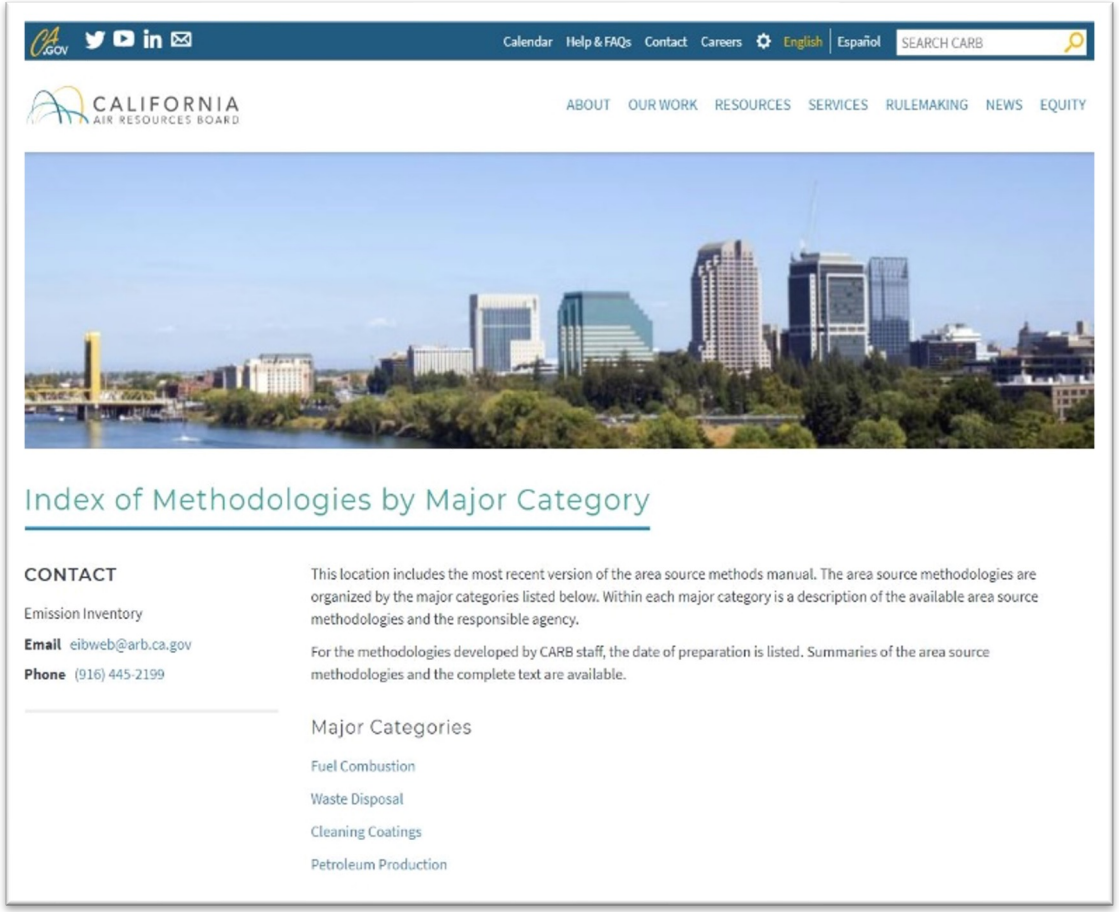
NOx: Nitrogen Oxides
ROG: Reactive Organic Gases
DPM: Diesel Particulate Matter
PM2.5: Particulate Matter 2.5 Microns or Smaller



Stationary Source: 1-K Gridded PM 2.5 Emissions (tons/year)

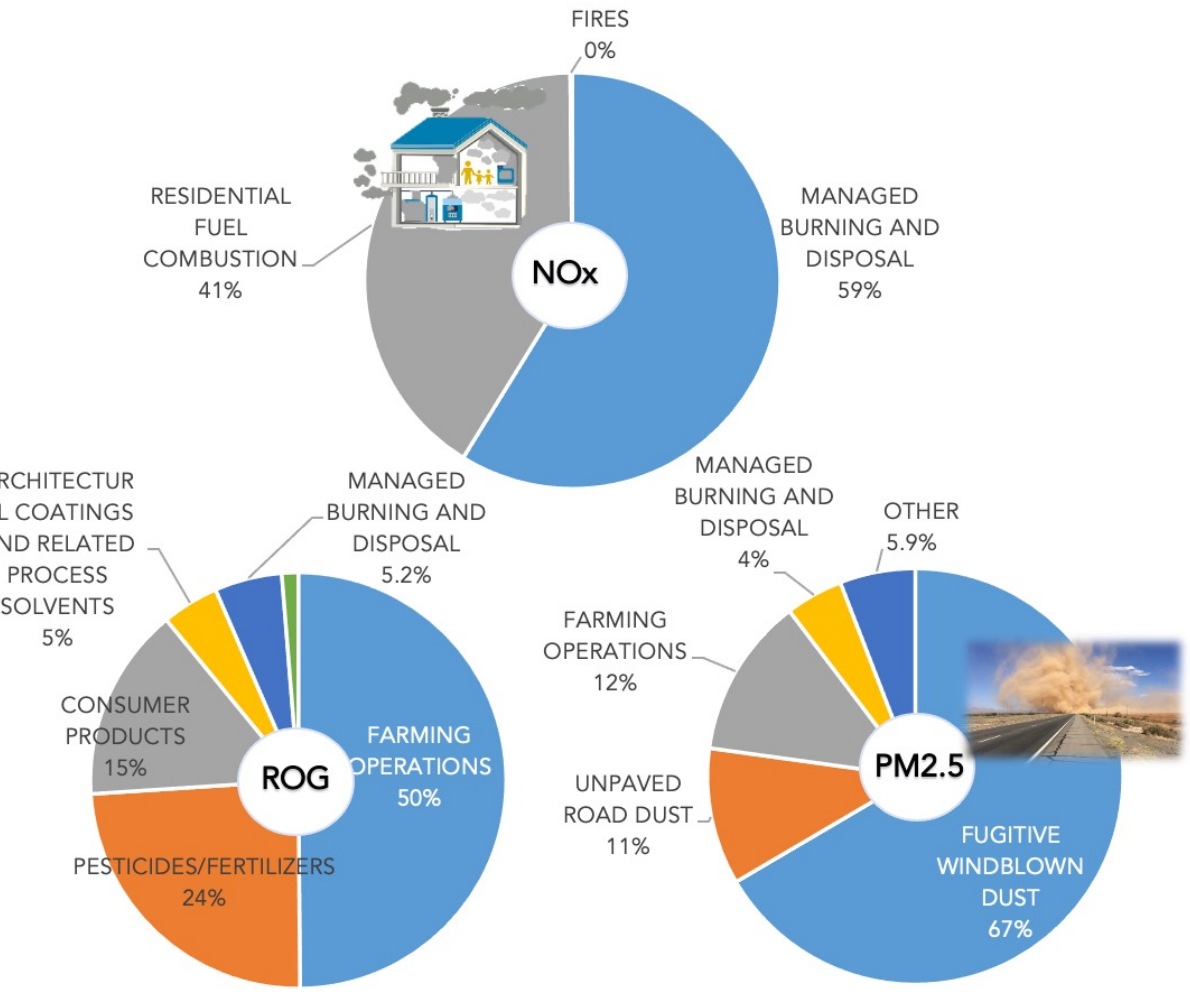
Areawide Sources

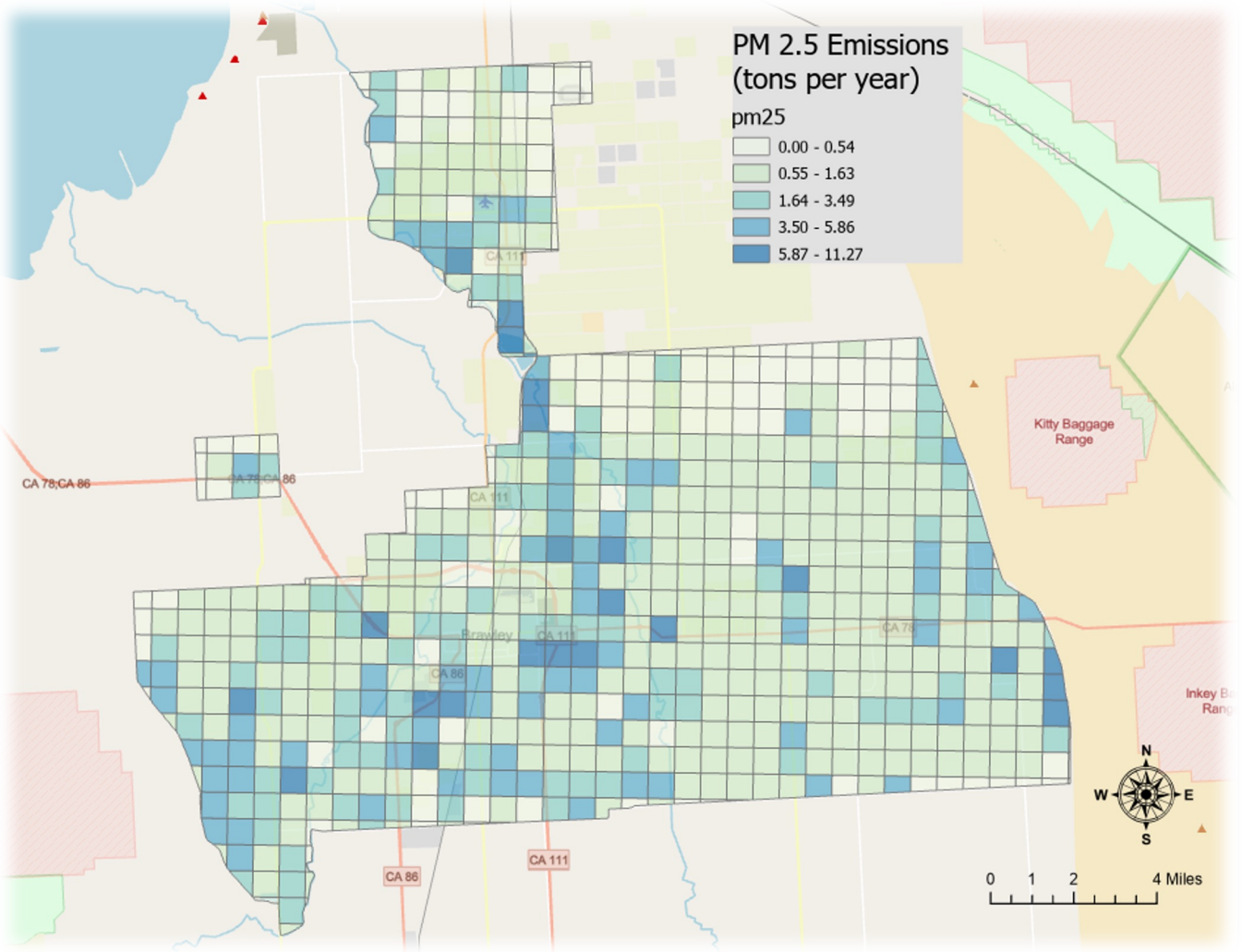
- CARB and District calculate areawide source emissions using approved emission estimation methodologies for each category
- Areawide sources include, for example, consumer products, fugitive dust, paint cleaning/thinning solvents
- Emissions are calculated at the county level using activity data and emission factors
- CARB is updating several area source methodologies to reflect current science and data, including fugitive dust



CARB Index of Methodologies by Major Category
(https://ww2.arb.ca.gov/index-methodologies-major-category)

2022 Areawide Source Emissions for North-End



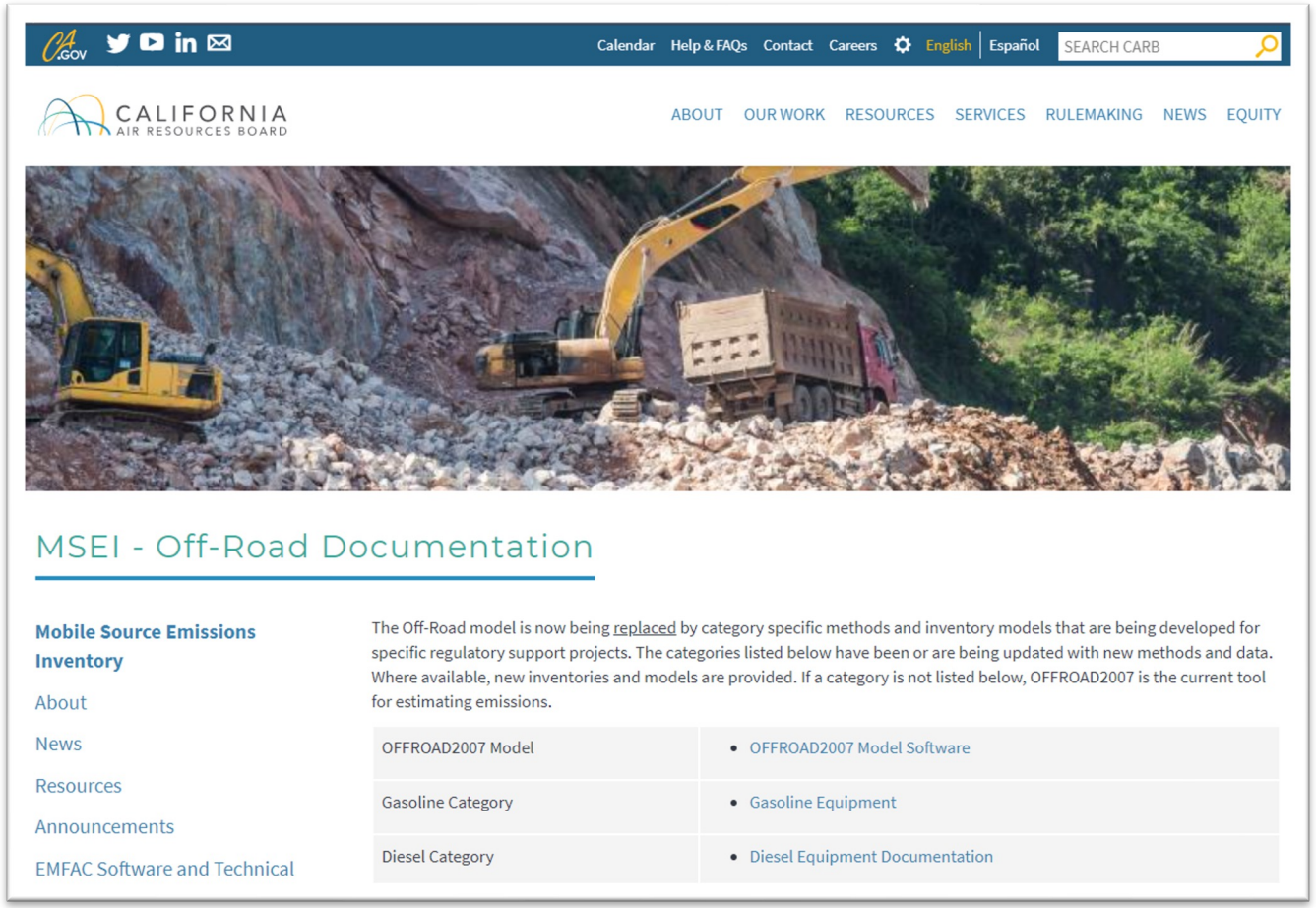


NOx: Nitrogen Oxides
ROG: Reactive Organic Gases
PM2.5: Particulate Matter 2.5 Microns or Smaller

Areawide Sources: 1-K Gridded PM2.5 Emissions (tons/year)

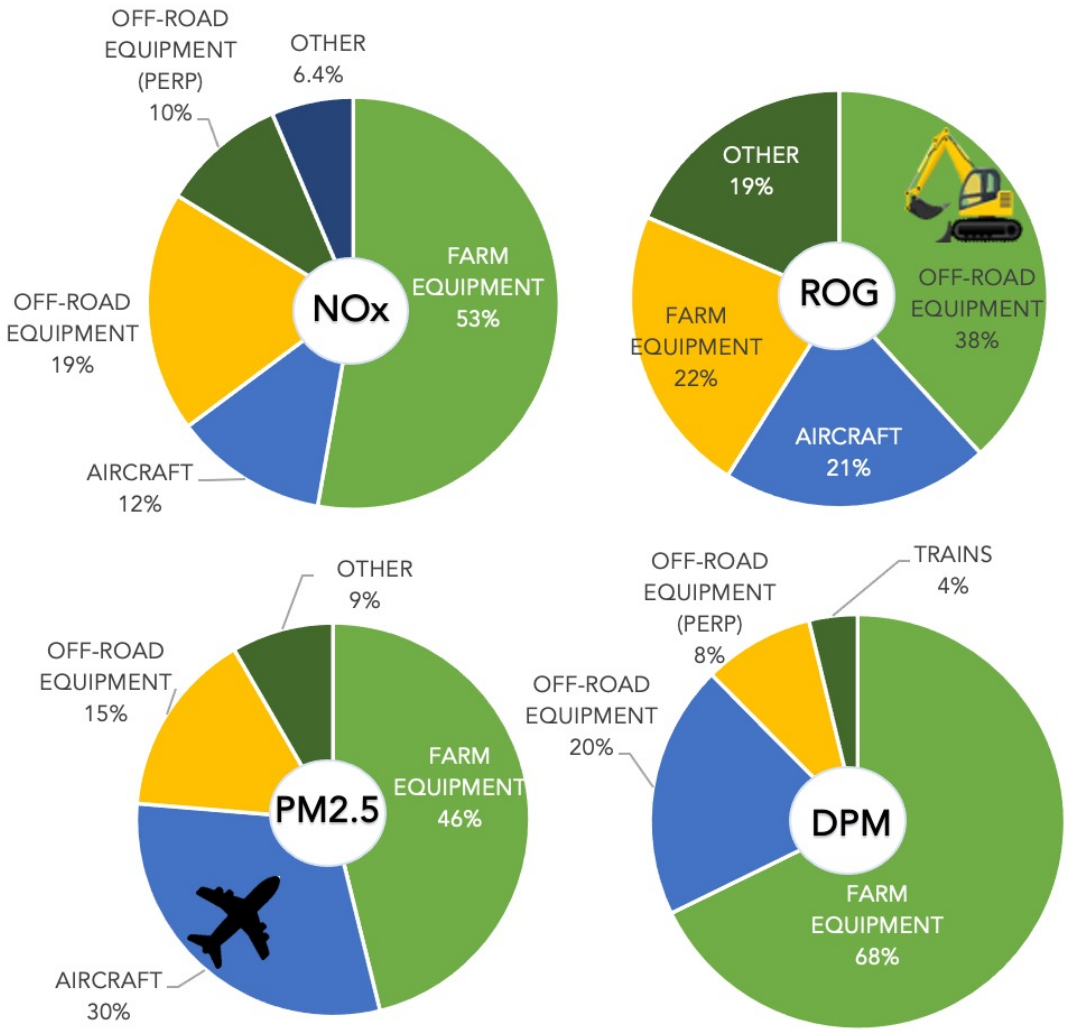
Off-Road Mobile Sources

- CARB calculates emissions at the county level for off-road mobile sources using activity data and emissions factors
- Activity data is collected from reported information, survey results, purchased data

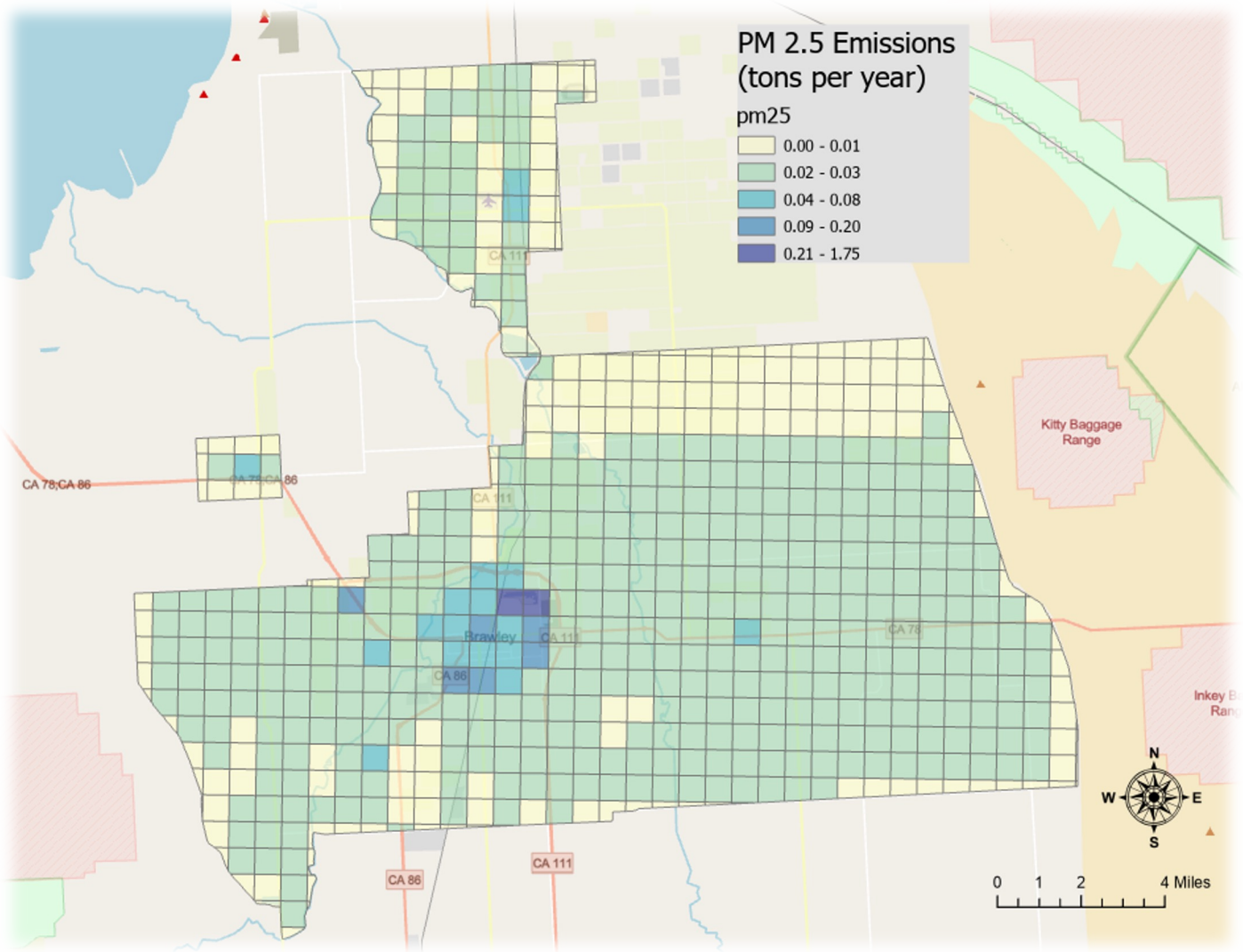


CARB Mobile Source Emissions Inventory - Off-Road Documentation (https://ww2.arb.ca.gov/our-work/programs/mobile-source-emissions-inventory/msei-road-documentation-0)

2022 Off-Road Mobile Source Emissions for North-End



NOx: Nitrogen Oxides
ROG: Reactive Organic Gases
DPM: Diesel Particulate Matter
PM2.5: Particulate Matter 2.5 Microns or Smaller



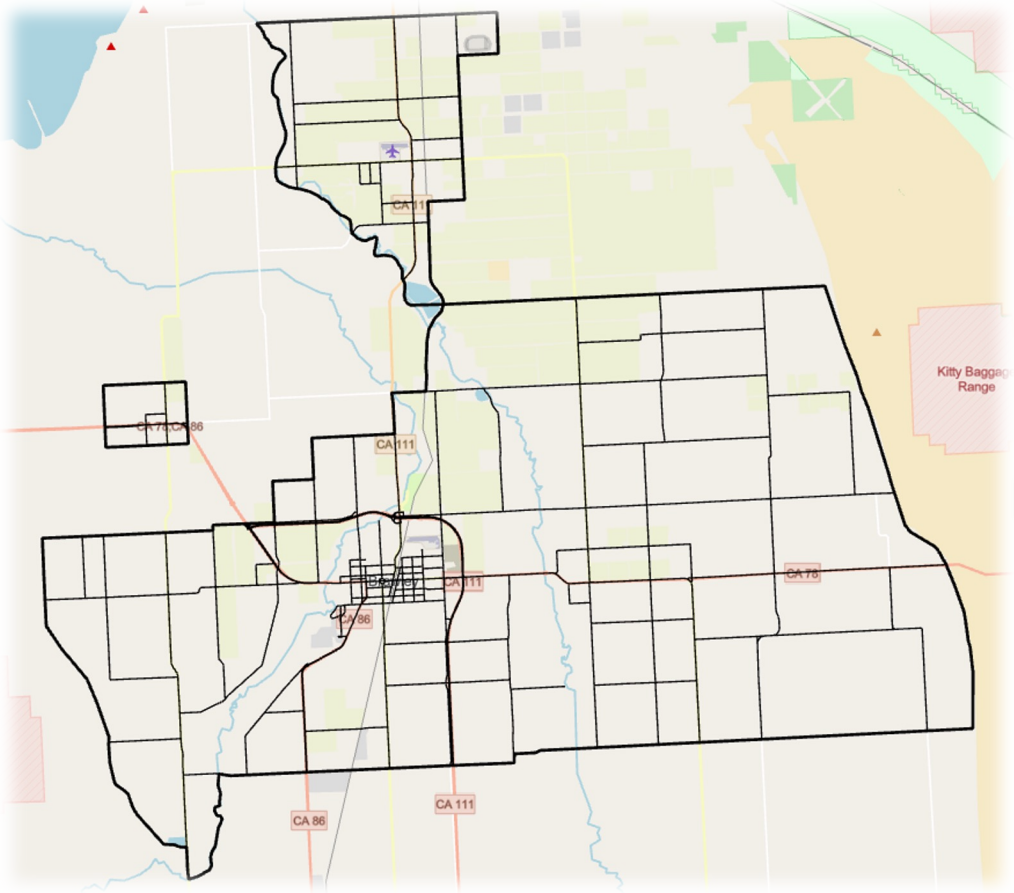
Off-Road Mobile Source: 1-K Gridded PM2.5 Emissions (tons/year)

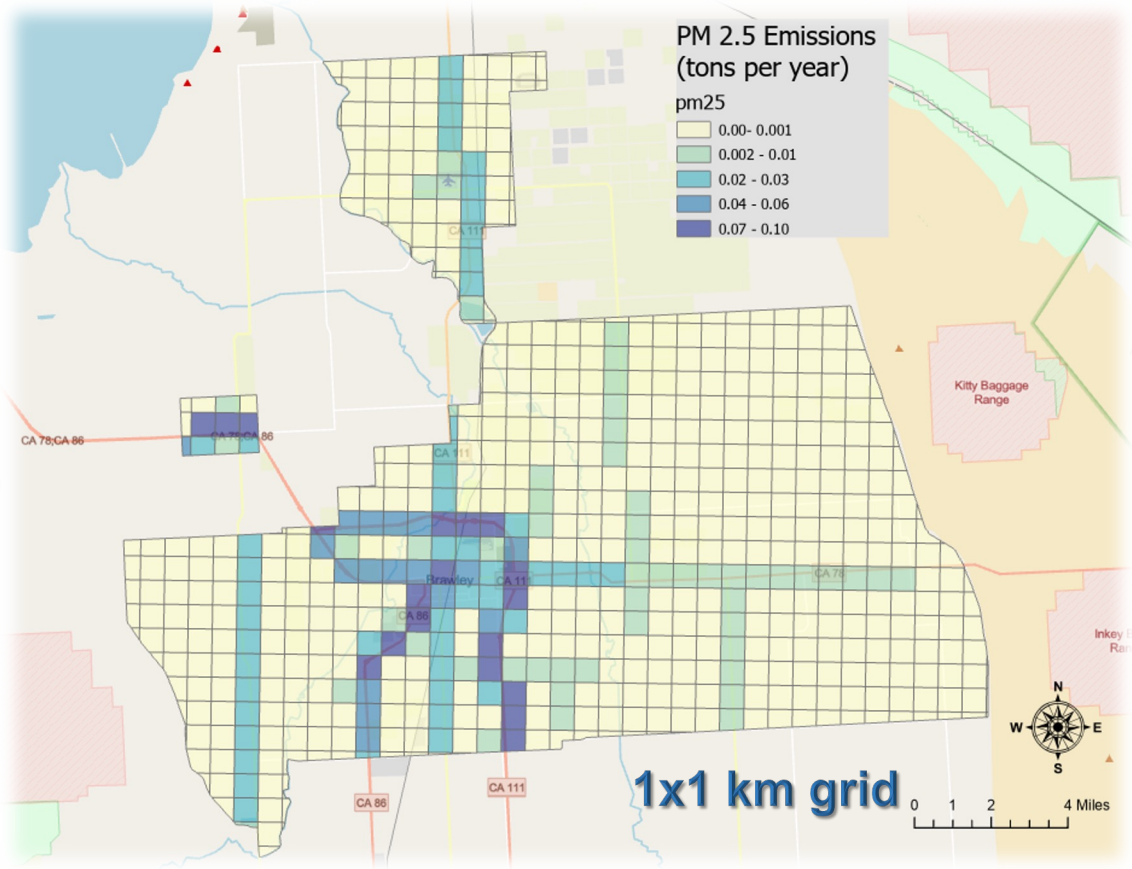
On-Road Mobile Sources

- CARB calculates on-road emissions at the road-link level using vehicle activity data and emission factors
- Vehicle activity at the road-link level is obtained from the regional Metropolitan Planning Organization (MPO)
- Emission factors are obtained from EMFAC2021* and depend on speed, temperature, and relative humidity

CARB Emission Factor Model (EMFAC)
(https://arb.ca.gov/emfac/)

On-Road Mobile Sources Emissions Estimation Method



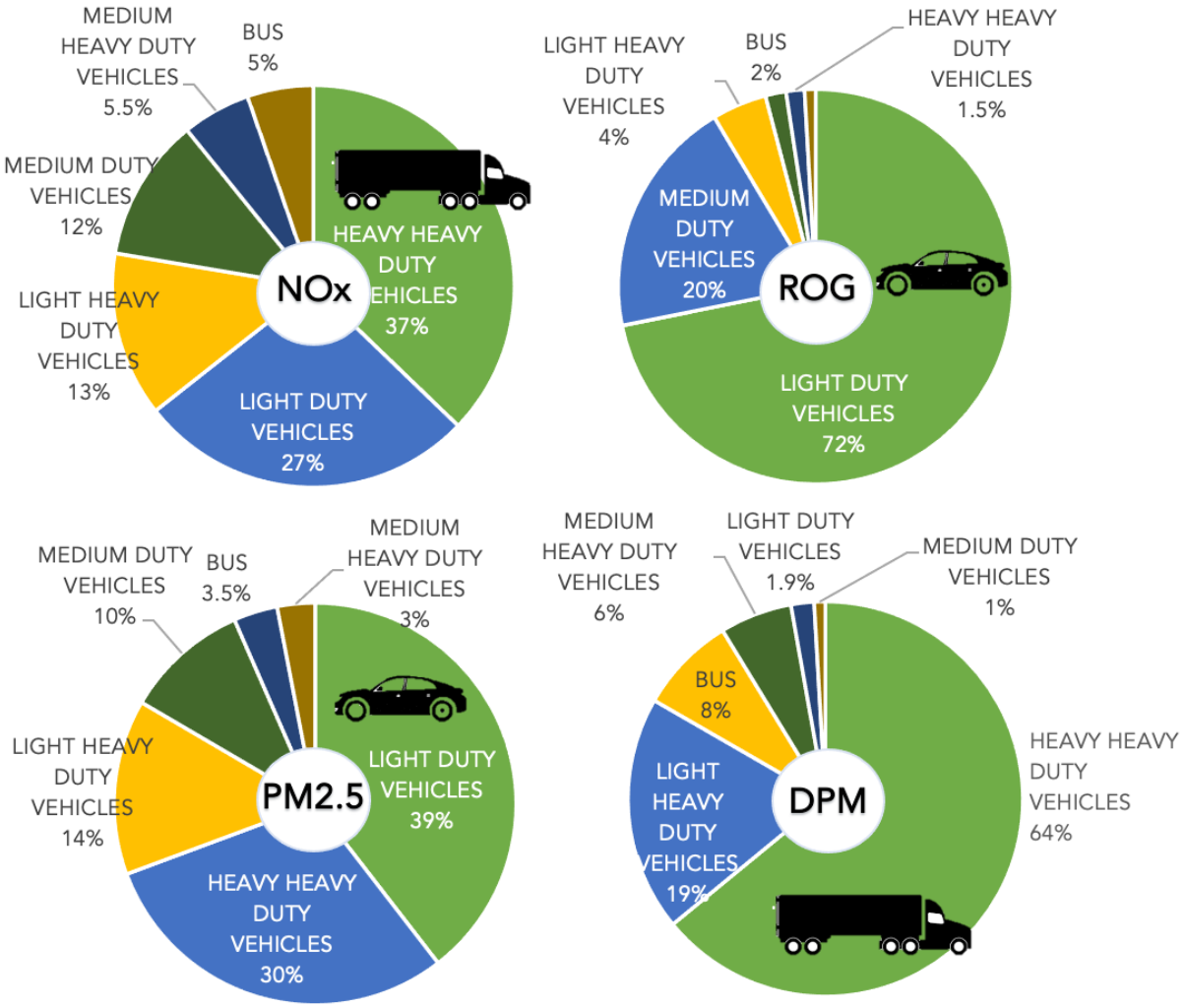


Metropolitan Planning Organization (MPO) Link-Level Activity Data

Estimate Vehicle Miles Traveled (VMT) based on vehicle activity in the community

Apply emission factors to VMT to calculate emissions

2022 On-Road Mobile Source Emissions for North-End



NOx: Nitrogen Oxides
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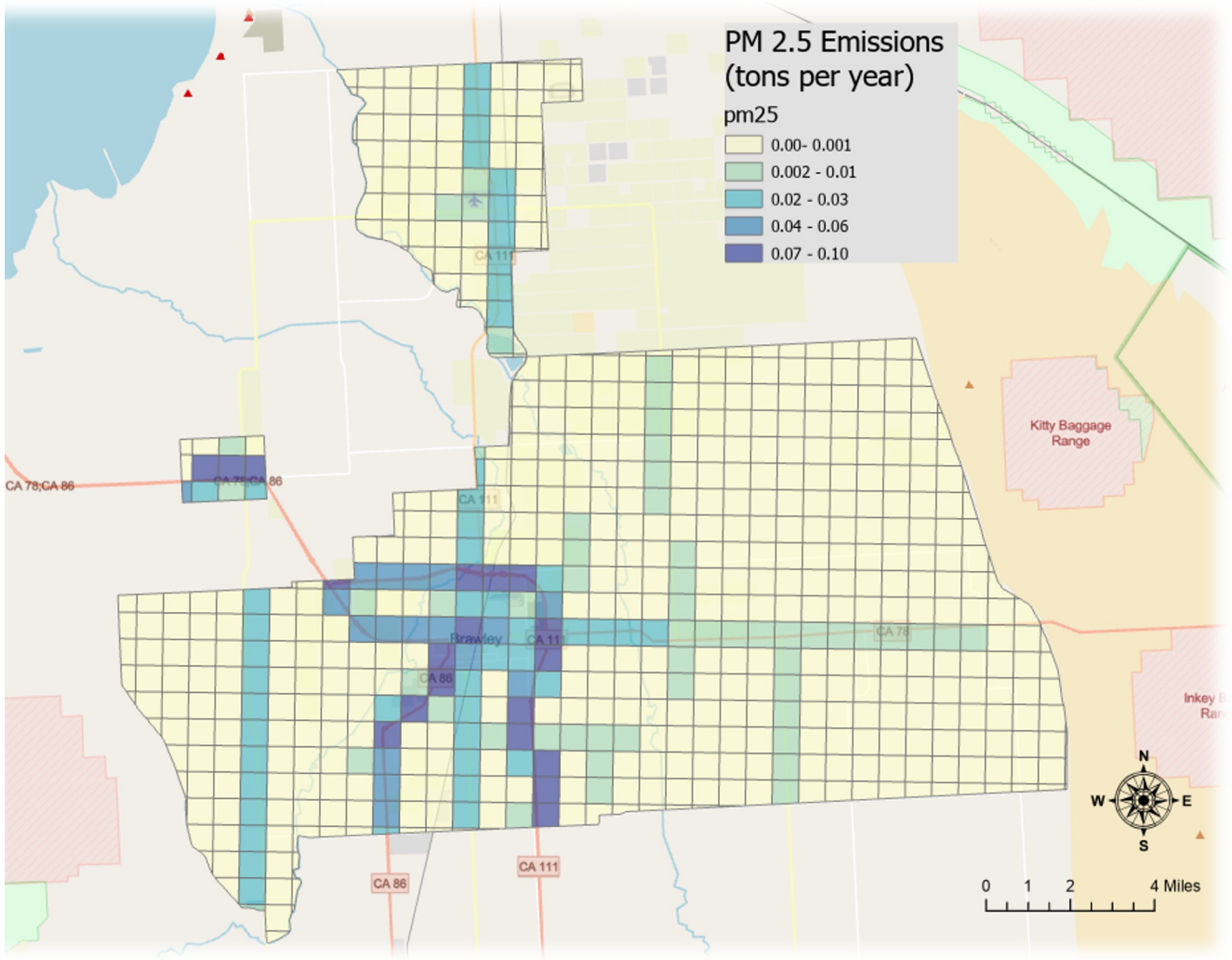
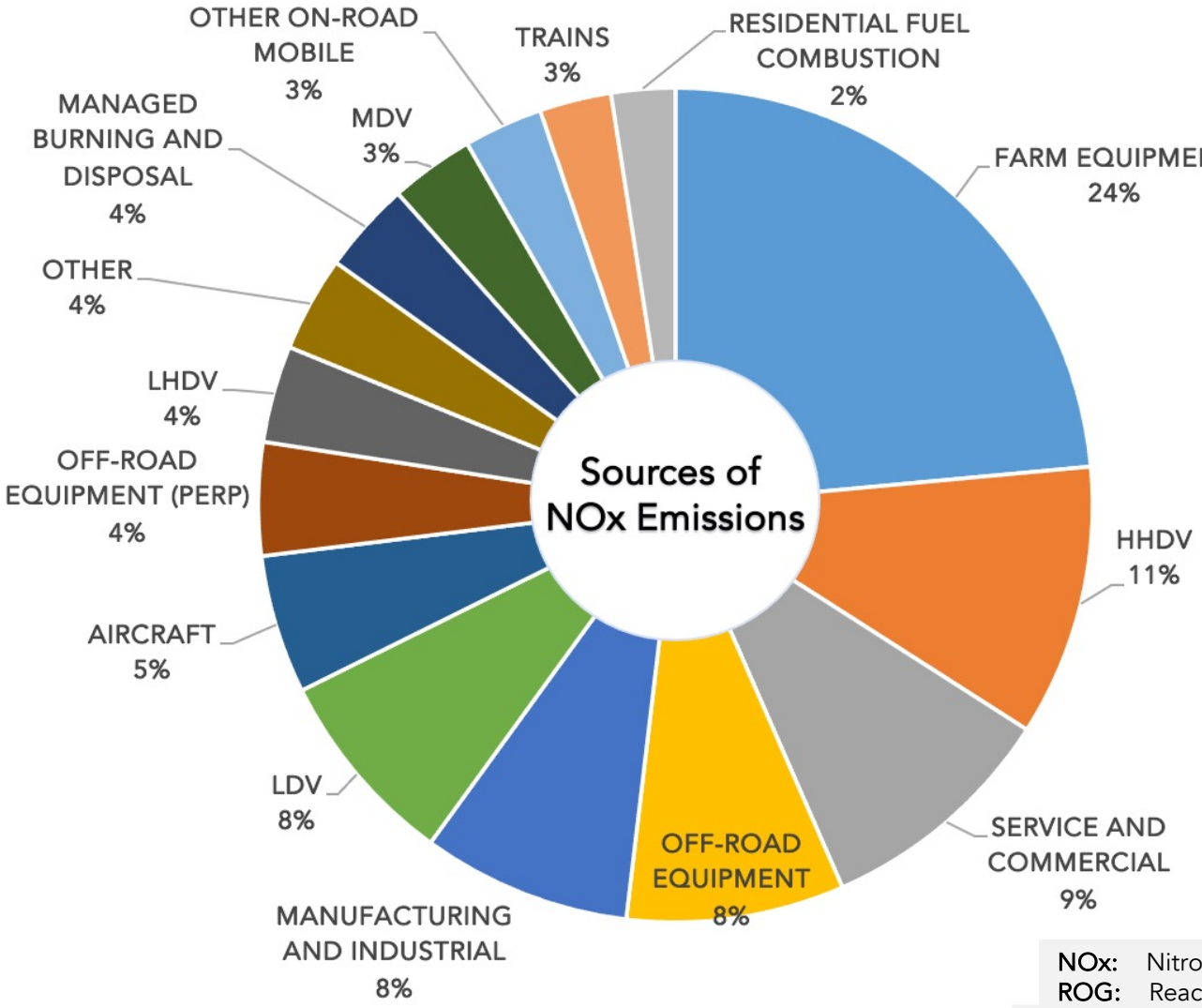
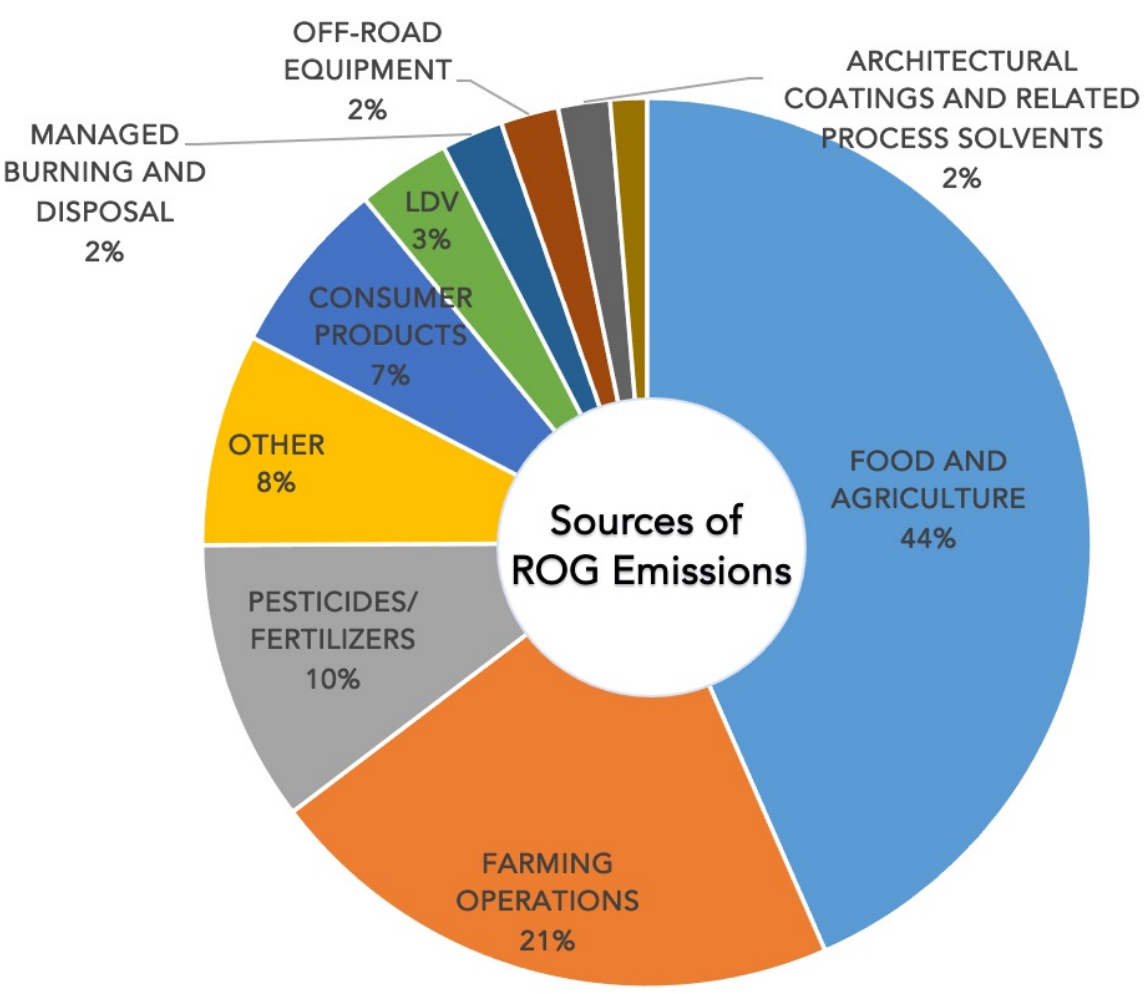
DPM: Diesel Particulate
PM2.5: Particulate Matter 2.5 Microns or Smaller



On-Road Mobile Source: 1-K Gridded PM2.5 Emissions (tons/year)

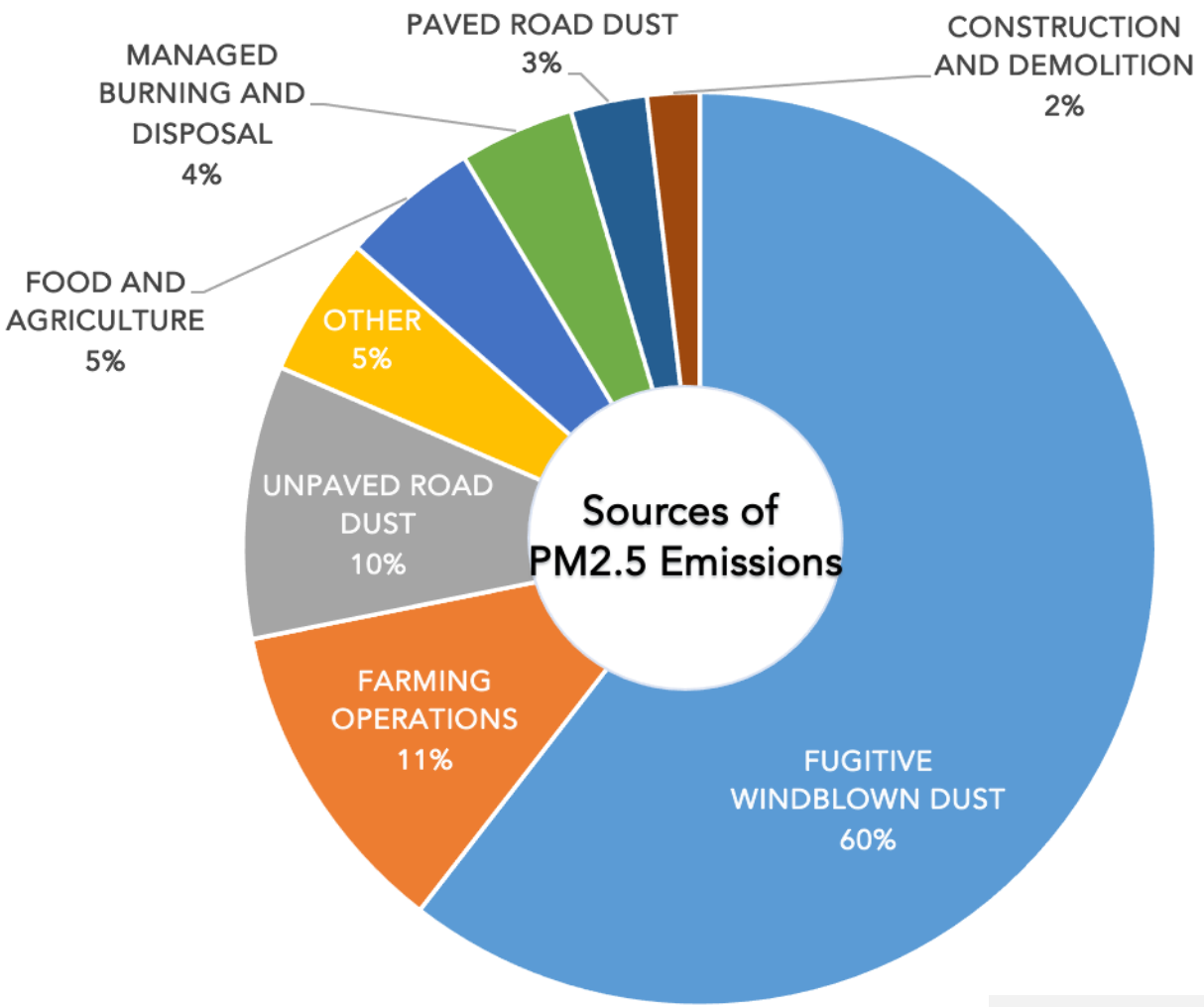
2022 Emissions Inventory for North-End

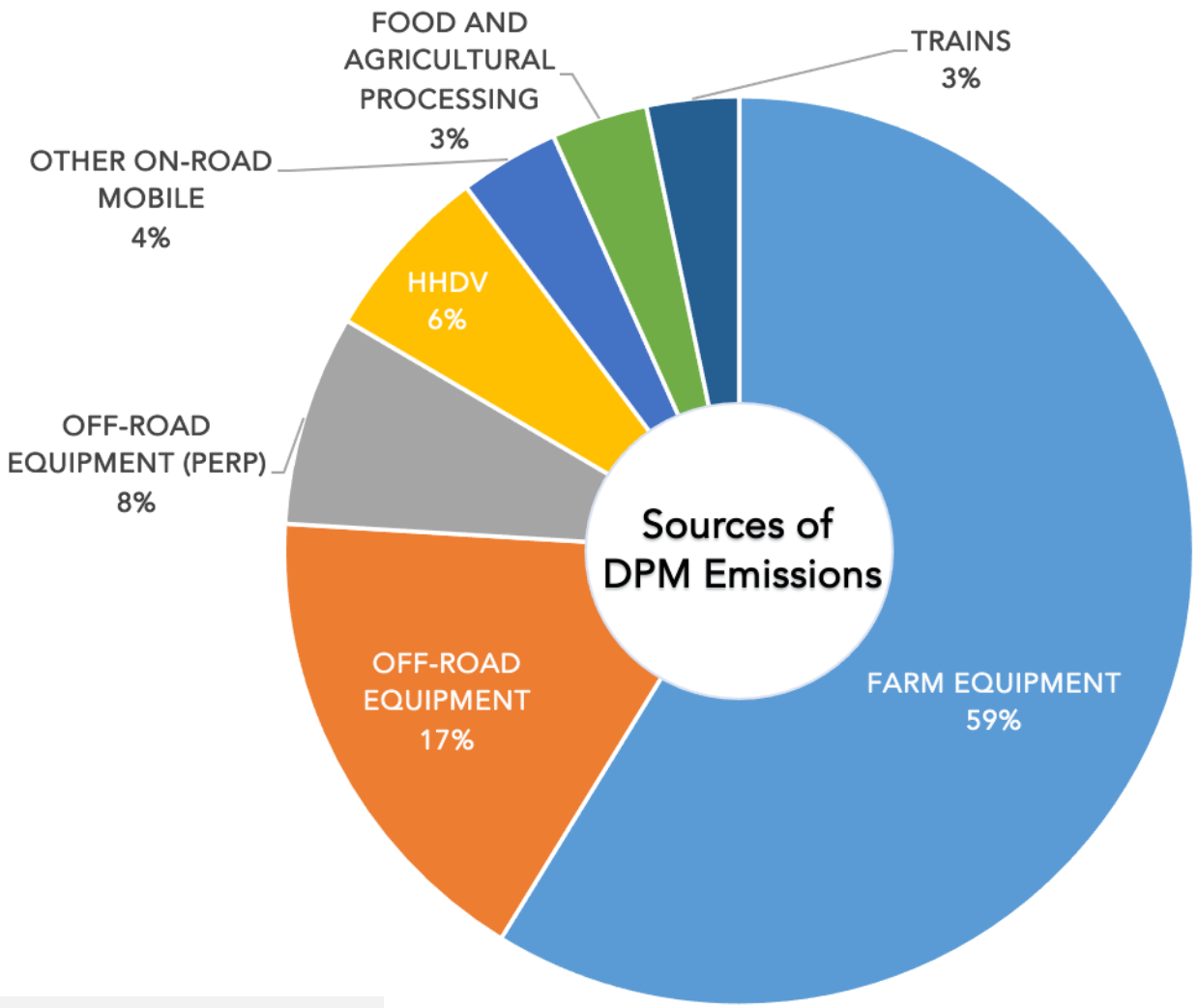




NOx: Nitrogen Oxides
ROG: Reactive Organic Gases
HHDV: Heavy Heavy Duty Vehicles
LDV: Light Duty Vehicles
LHDV: Light Heavy Duty Vehicles
MDV: Medium Duty Vehicles

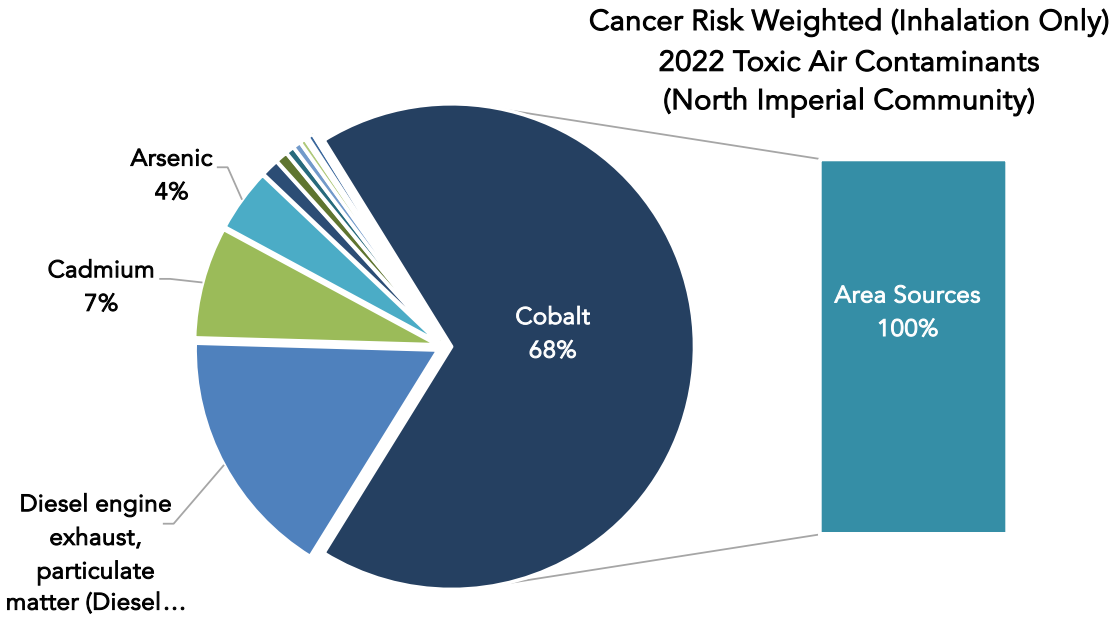
2022 Emission Inventory for North-End (continued)

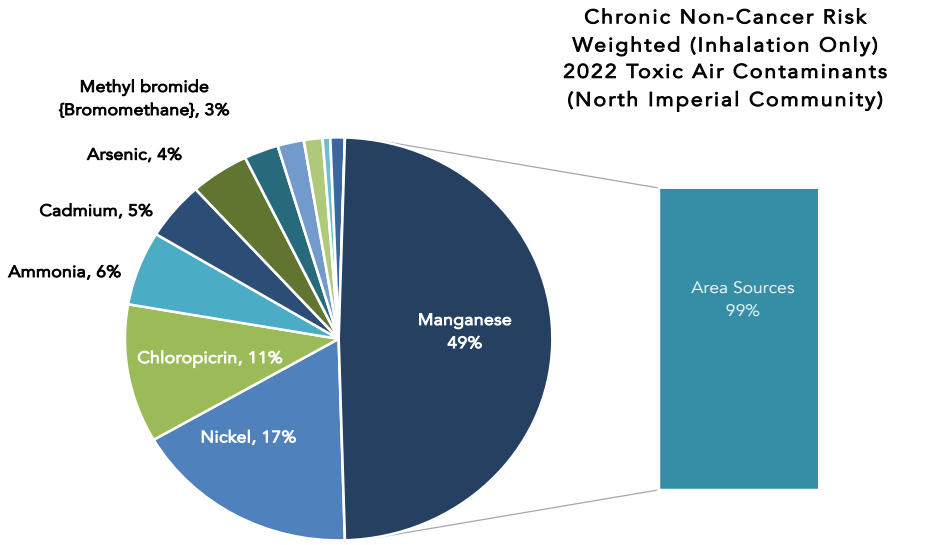


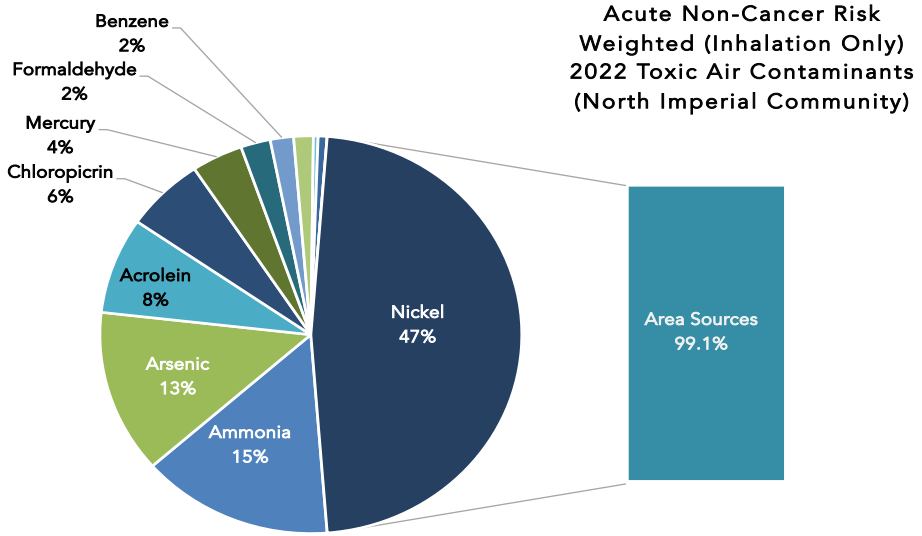


PM2.5: Particulate Matter 2.5 Microns or Smaller
DPM: Diesel Particulate Matter
HHDV: Heavy Heavy Duty Vehicles

2022 Air Toxics Emissions Inventory for North-End
Toxicity Weighted Emissions (TWEs)





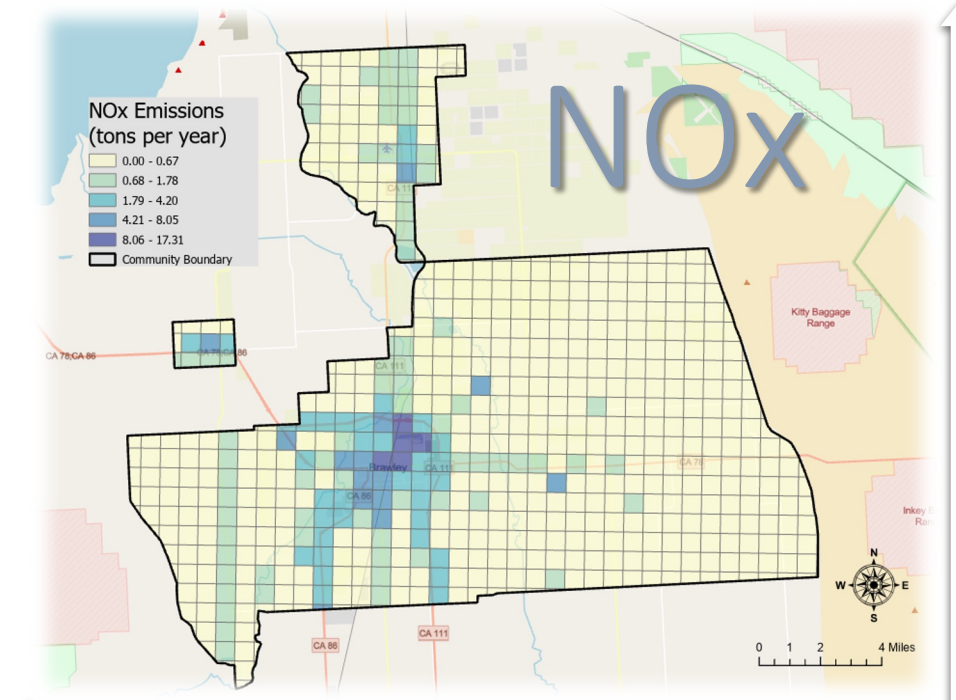


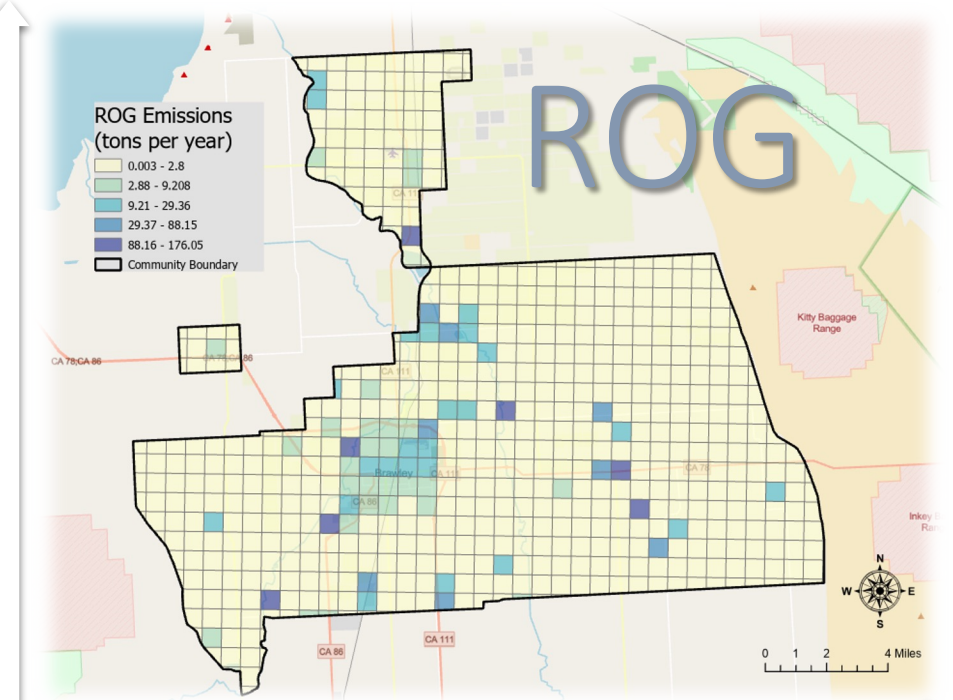
- Cobalt, Manganese, and Nickel from area sources are all attributed to fugitive windblown dust from unpaved roads and non-pasture agricultural lands
- For inventory estimates, all of these are estimated from estimated total particulate matter emissions using speciation profiles

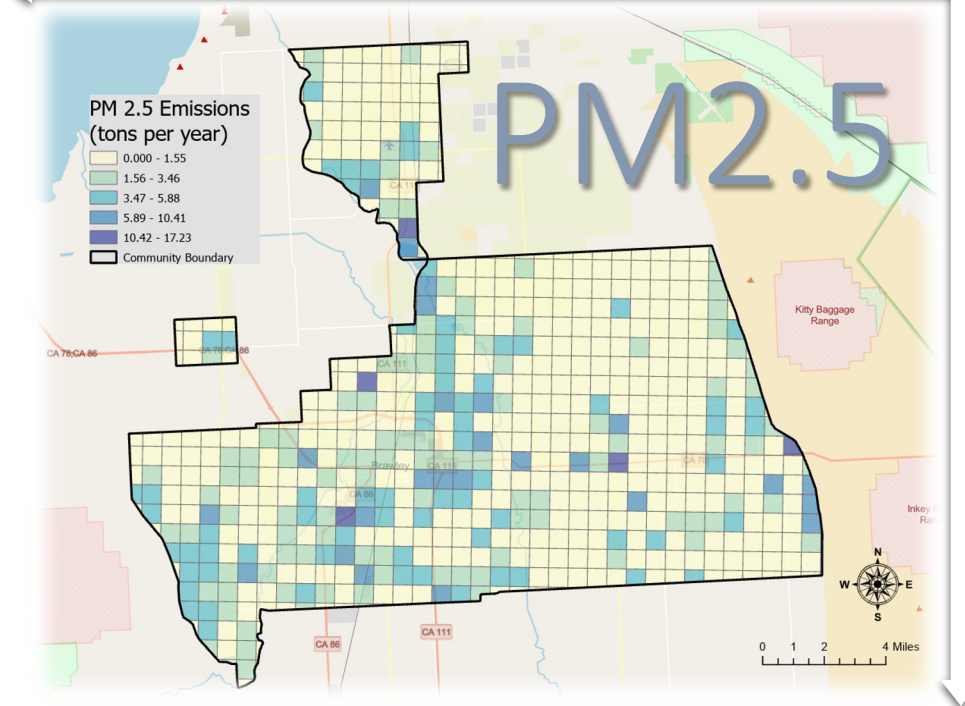
TWEs are adjusted emissions for air toxics that have OEHHA approved health values. TWEs are not risks, but weighted emissions useful to compare relative toxicity of air toxics.

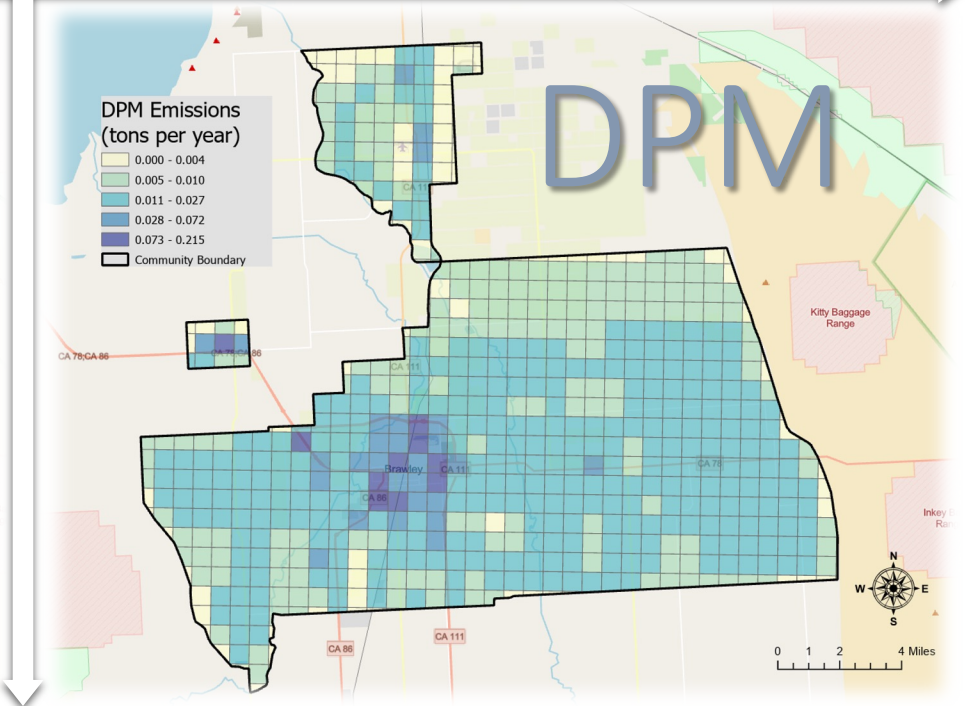
OEHHA: Office of Environmental Health Hazard Assessment

Total 2022 Community Emissions



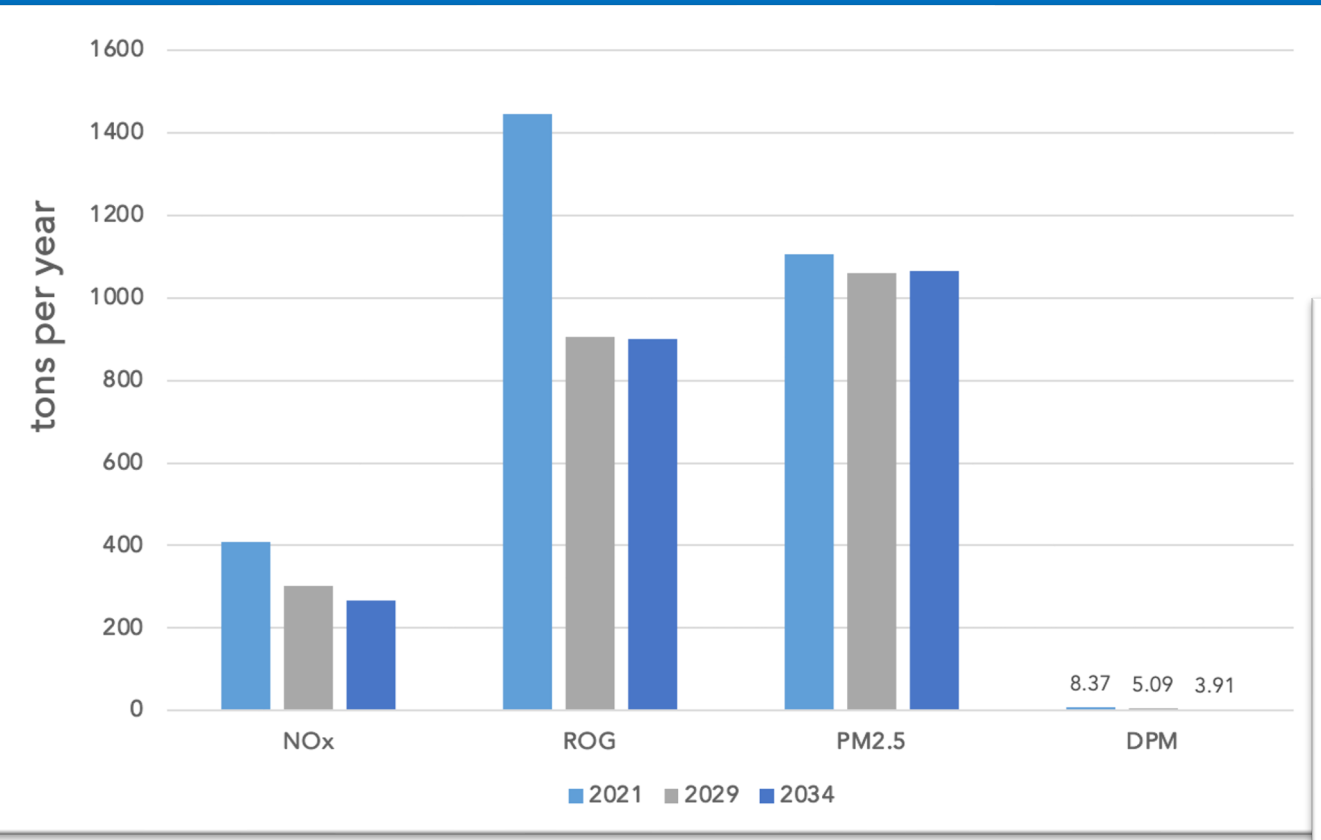






NOx: Nitrogen Oxides
ROG: Reactive Organic Gases
PM2.5: Particulate Matter 2.5 Microns or Smaller
DPM: Diesel Particulate Matter

Emissions Trends for North-End



NOx: Nitrogen Oxides
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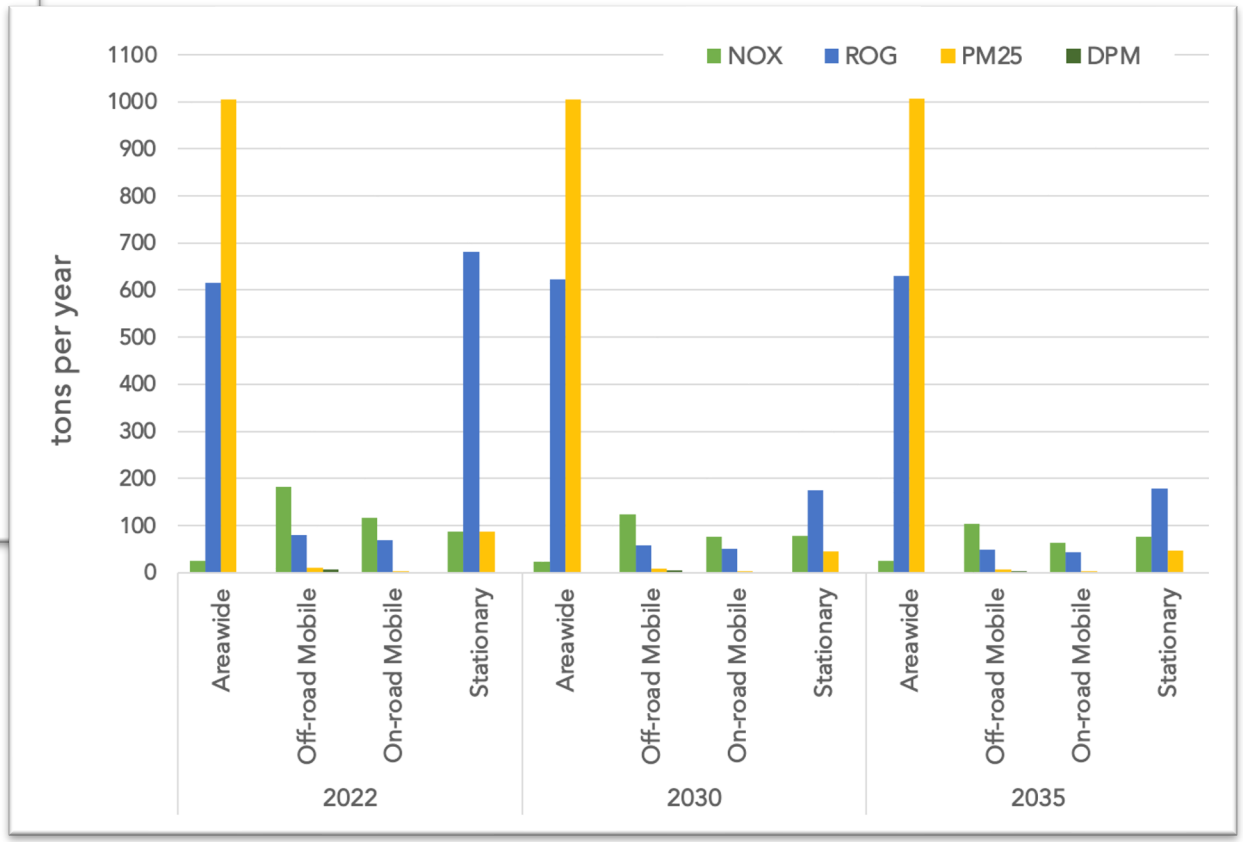
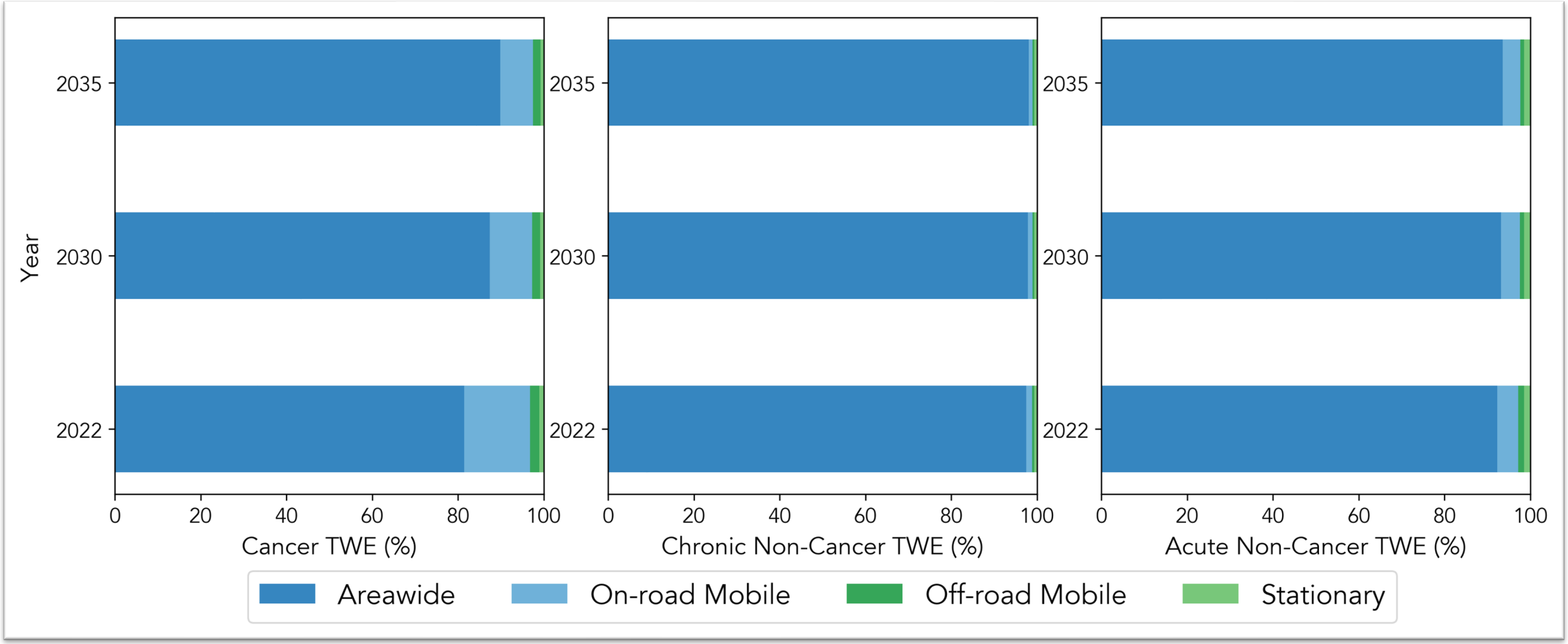
DPM: Diesel Particulate
PM2.5: Particulate Matter 2.5 Microns or Smaller



- North-End emission trends reflect currently adopted CARB and District rules
- CARB has several mobile source regulations under rulemaking that will further decrease emissions in the community

Toxicity Weighted Emissions (TWE) Trends for North-End



Summary

Air District and CARB have developed a baseline emissions inventory for the Community:

- provides information on the current level of emissions
- how emissions change in the future in a "business as usual" scenario
- provides a benchmark to determine emissions reductions from actions included in CERP

- Fugitive windblown dust contributes over half of PM2.5 emissions
- Off-road mobile sources are the largest source of DPM emssions in the community
  - DPM is expected to decrease in future years from several already adopted CARB regulations, and proposed CARB regulations will further reduce these emissions
- CARB is udpating several emissions estimation methodologies for area sources (e.g., fugitive dust) to reflect current data and science, and will provide updated emissions during implementation

CARB Staff Contacts

Adrian Cayabyab
Community Emissions Inventory Lead
adrian.cayabyab@arb.ca.gov

Abhishek Dhiman
Community Emissions Inventory Supporting Lead
abhishek.dhiman@arb.ca.gov

Charanya Varadarajan
Manager, Area Source Improvement and Community Inventory Development Section
charanya.varadarajan@arb.ca.gov

Air Quality Planning and Science Division
California Air Resources Board

4. Presentations:
B. Sensor Update and Draft Data Report
(SCS Engineers)

AB 617 North-End

Update: Sensor Locations, QuantAQ Map, & Draft Data Report

October 21st, 2024
Sergio Valenzuela
José Landeros

SCS ENGINEERS

CSC Determined Priority Sites

Brawley, Westmorland, Calipatria

SCS ENGINEERS

CSC Determined Priority Sites

Brawley

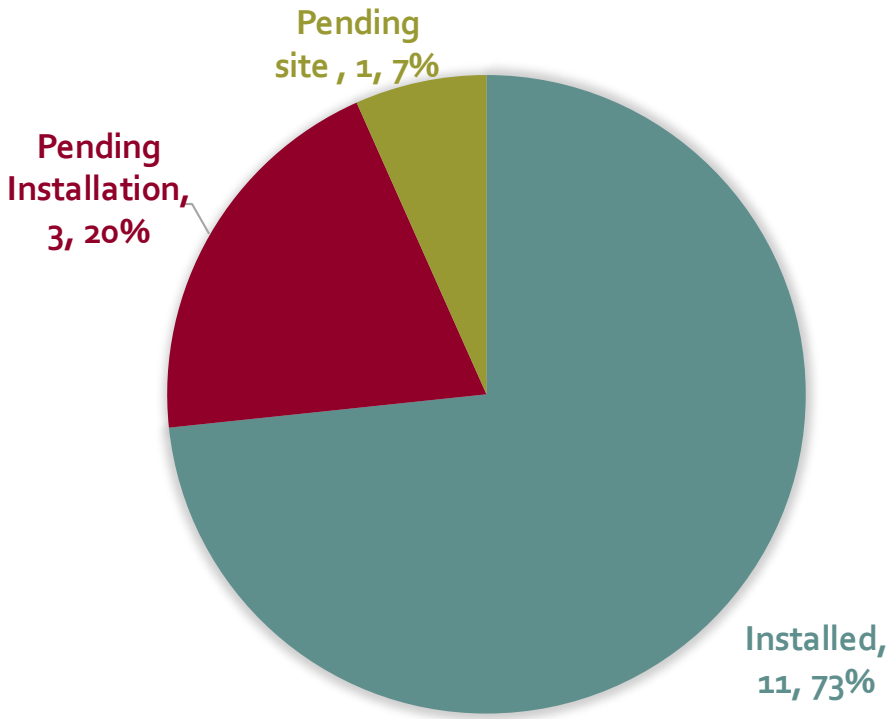
- Magnolia Union Elementary School (Installed)
- Brawley Fire Department Station 2 (Pending Installation)
- Padilla-Pace Elementary School (Pending Installation)
- Residence Calle del Sol (Installed)
- San Diego State University – Brawley Extension (Installed)
- ??? (Pending site)

Westmorland

- Elementary School (Installed)
- Residence E 1st Street (Installed)
- Residence 7th Street (Installed)
- C Street (Installed)

Calipatria

- Hernandez Park (Installed)
- Water Treatment Plant (Installed)
- Airport (Installed)
- E Date Street (Installed)
- Caltrans yard (Pending Installation)



Recent QuantAQ Installations

Pending Installations

Brawley: Location Selection Pending.

Brawley: Padilla-Pace Elementary – Pending further discussion.

Brawley: Fire Department Station 2 – Pending approval.

Calipatria: Caltrans Yard – Pending further discussion.

Overview

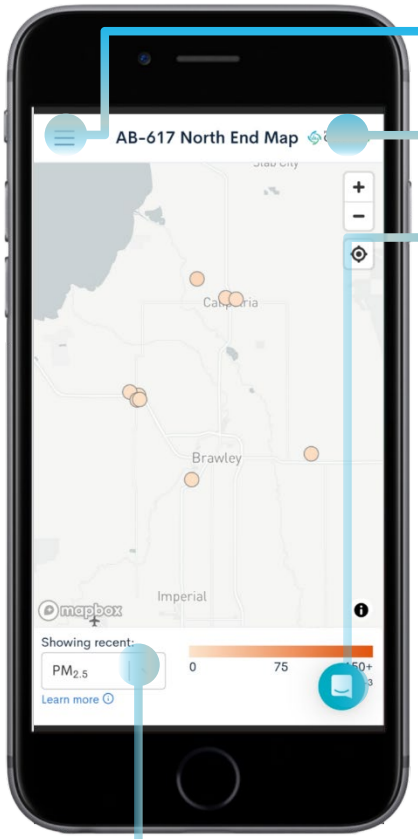
- 1 sites not identified/confirmed:
  - Brawley – Pending site
- 3 sites pending confirmation/approval:
  - Brawley – BFD2, Padilla-Pace
  - Calipatria - Caltrans Yards
- 11 sites installed:
  - Westmorland – 7th Street, 1st street, Baseball Field, Center & Main
  - Calipatria – Airport, Water Treatment Plant, Hernandez Park, E Date Street
  - Brawley – Magnolia Elementary, Calle del Sol, SDSU

QuantAQ NE Map

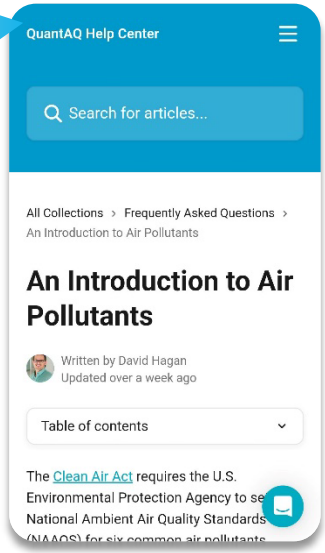
https://app.quant-aq.com/s/PBYEFY2YSN8Z362BMINI

SCS ENGINEERS

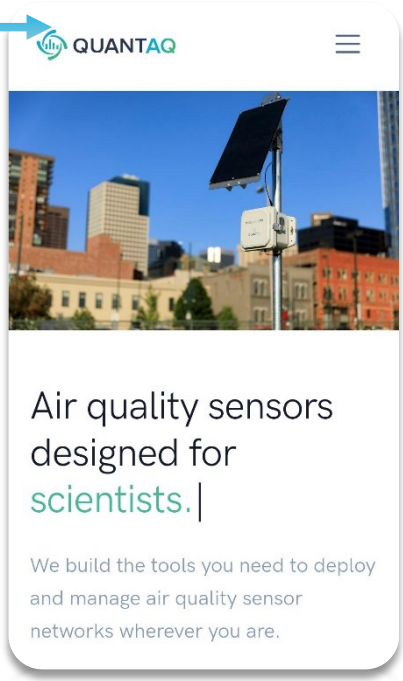
AB-617 North End Map Homepage



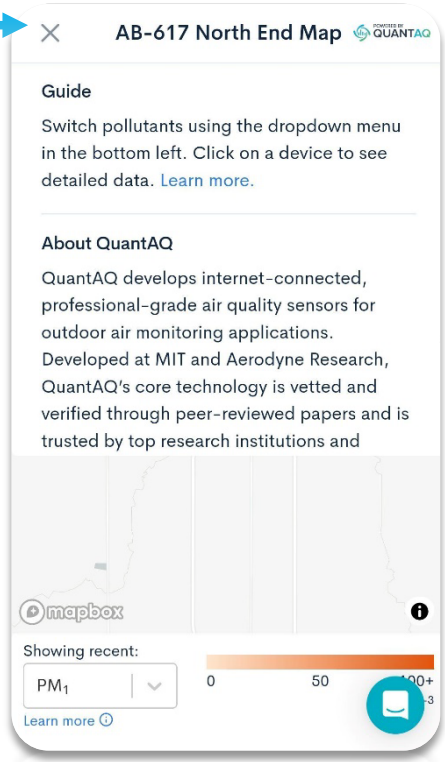
Toggle between PM1, PM2.5, & PM10



Additional links to air quality information.

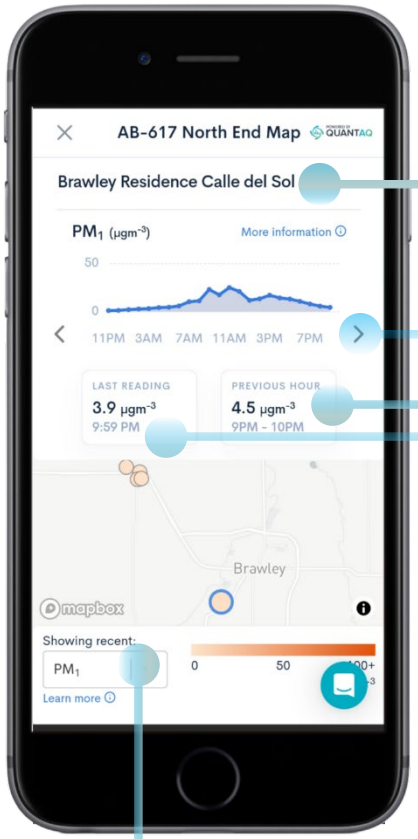


Links to QuantAQ homepage.



Opens Guide/About

AB-617 North End Map Homepage



Designated site name.

Toggle graphs between PM concentrations.

PM average for previous hour.

Most recent concentration.

Toggle between PM1, PM2.5, & PM10

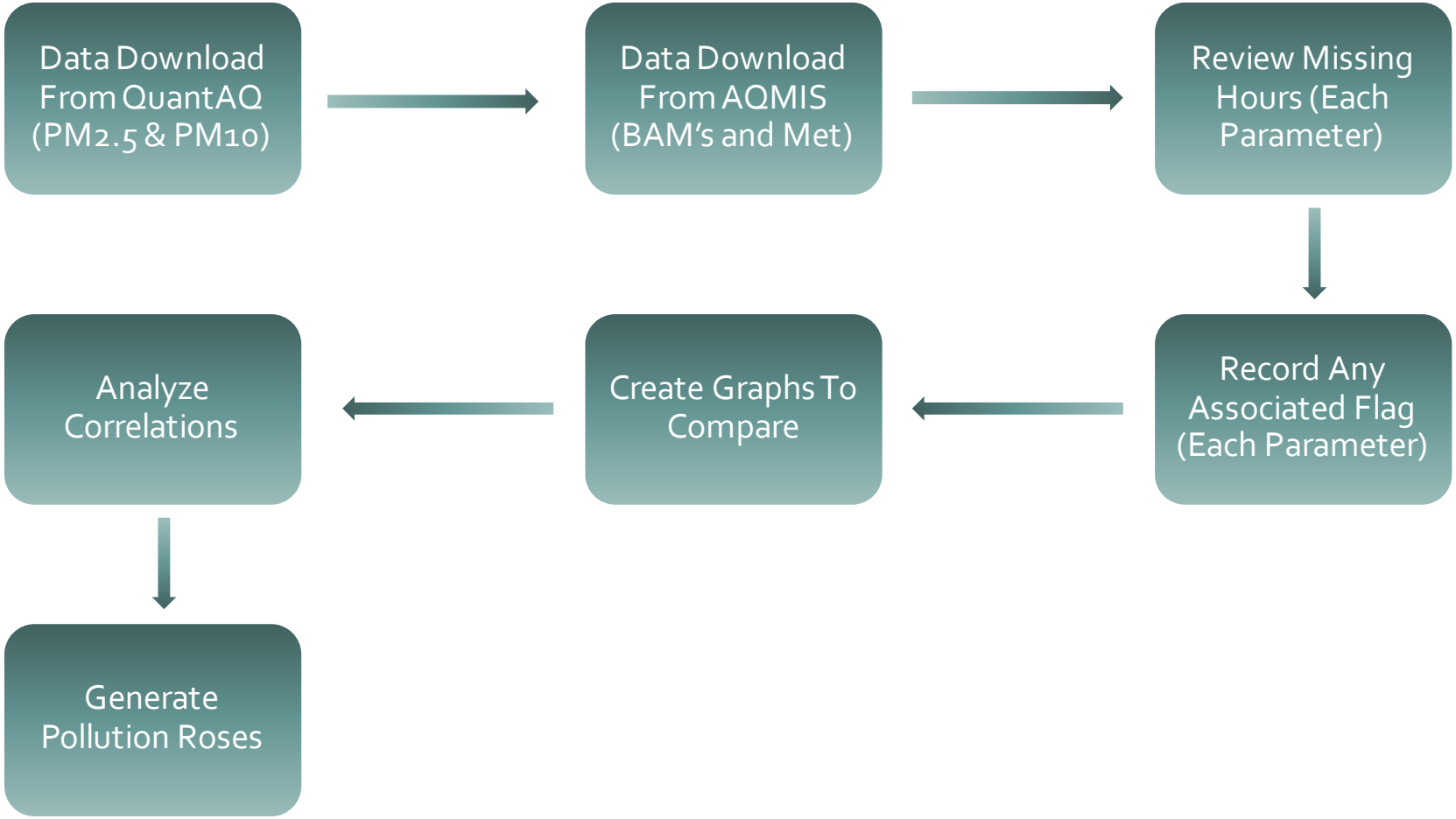
After selecting the site of interest, this screen will provide an intuitive platform for accessing data.

Draft Data Report

PM2.5 & PM10 (August 2024)

SCS ENGINEERS

Overview Of Data Analysis To Create A Report



Overview Of Data Analysis To Create A Report: Monthly Report (PM 2.5 Raw)

Sensor: 1309 **Site Name:** Westmorland Residency 7th Street **Parameter:** PM 2.5 **MM/YYYY:** August-24 **Units:** µg/M³

	Hours																											83.33%		Standard
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS		25	AQI	Fed
1	9.1	7.9	8.1	8.7	7.3	7.3	7.6	5.9	6.4	6.8	6.4	5.5	5.5	5.8	6.0	6.1	6.5	7.2	10.5	9.5	6.8	5.8	6.3	6.9	10.5	7.1	24	100%	7.08	1	35
2	7.3	6.9	8.7	11.1	12.0	13.9	14.8	12.7	10.1	8.0	7.3	8.5	7.7	8.8	8.5	7.8	7.6	8.4	9.2	9.8	9.9	8.1	7.9	6.8	14.8	9.2	24	100%	9.24	2	35
3	8.0	8.6	8.2	7.7	7.6	9.0	9.4	8.5	8.6	8.6	8.0	8.3	6.2	6.2	6.0	6.3	6.3	6.9	6.7	8.3	6.6	5.9	6.2	5.4	9.4	7.4	24	100%	7.40	1	35
4	4.6	5.8	6.1	6.7	7.5	7.5	6.2	6.2	6.7	6.7	6.1	5.1	6.0	6.9	7.2	7.3	6.3	5.9	4.5	4.9	4.9	6.7	7.6	10.1	10.1	6.4	24	100%	6.40	1	35
5	7.7	5.8	5.4	5.2	7.0	8.3	7.9	8.2	10.0	8.6	9.1	8.9	7.4	7.9	7.7	10.0	8.6	8.5	8.0	6.9	6.4	7.6	9.1	9.6	10.0	7.9	24	100%	7.91	1	35
6	8.8	8.7	10.8	9.1	8.5	7.7	8.0	8.2	8.8	10.9	12.2	12.8	18.9	14.0	11.5	19.2	26.4	19.4	9.3	7.4	6.4	5.9	6.9	8.7	26.4	11.2	24	100%	11.19	2	35
7	8.0	7.2	8.0	12.8	16.8	9.9	8.8	7.4	7.8	9.5	9.4	8.6	8.1	8.2	7.5	7.6	7.3	7.1	8.6	9.9	8.9	8.9	8.4	8.9	16.8	8.9	24	100%	8.89	1	35
8	10.3	11.1	8.8	8.3	7.6	7.8	9.2	9.7	9.8	8.5	8.9	8.9	8.1	6.2	5.0	6.1	7.1	7.3	7.8	8.1	7.7	6.9	7.9	8.3	11.1	8.1	24	100%	8.14	1	35
9	8.0	6.0	6.4	6.8	6.8	7.9	8.1	5.4	5.2	4.4	4.7	4.0	3.8	3.8	3.7	3.9	3.5	4.0	4.8	8.5	6.4	6.5	7.3	7.9	8.5	5.7	24	100%	5.75	1	35
10	9.3	9.0	8.0	7.6	8.8	8.9	10.0	8.5	7.3	6.7	4.5	4.4	3.9	4.0	4.3	4.1	5.5	7.1	5.6	4.8	3.9	3.8	4.2	4.5	10.0	6.2	24	100%	6.20	1	35
11	4.3	4.7	6.4	4.9	4.8	5.0	5.1	7.4	10.1	10.4	8.7	7.4	6.7	5.8	5.2	103.6	9.4	3.6	2.2	2.2	2.8	3.9	4.9	8.0	103.6	9.9	24	100%	9.89	2	35
12	10.3	9.3	8.2	9.6	10.6	11.9	13.9	13.8	10.9	9.9	8.3	7.4	6.9	6.5	6.0	5.8	5.7	7.4	6.4	5.9	5.7	3.8	4.3	4.4	13.9	8.0	24	100%	8.03	1	35
13	5.7	5.9	5.5	6.2	7.0	7.0	10.4	9.0	6.6	5.8	3.9	3.3	3.1	2.9	2.9	2.5	2.8	4.9	4.5	2.5	2.8	2.6	2.2	2.2	10.4	4.7	24	100%	4.66	1	35
14	2.1	2.5	3.6	2.5	2.6	4.8	7.9	4.3	1.3	1.1	1.1	1.3	1.2	4.5	1.4	1.5	1.5	1.6	3.0	3.4	4.1	5.2	4.0	5.0	7.9	3.0	24	100%	2.99	1	35
15	5.3	4.6	5.3	5.4	6.0	6.2	8.3	5.0	3.5	1.7	1.4	1.7	5.6	8.2	6.6	5.3	6.5	8.9	9.1	9.6	5.9	5.5	6.0	5.5	9.6	5.7	24	100%	5.71	1	35
16	8.0	15.2	15.5	9.0	5.1	6.2	11.5	8.5	10.9	8.0	7.1	7.6	6.7	5.7	4.8	3.9	3.1	2.1	4.5	6.5	6.7	6.9	5.9	6.1	15.5	7.3	24	100%	7.31	1	35
17	6.5	6.4	6.2	6.2	6.2	6.8	6.1	5.2	4.7	5.8	5.2	4.5	6.0	6.6	5.2										6.8	5.8	15	63%			35
18																									0.0	#DIV/0!	0	0%			35
19																									0.0	#DIV/0!	0	0%			35
20								5.9	5.7	6.8	11.8	15.1	11.3	7.8	6.8	7.2	7.6	6.2	6.2	6.2	8.2	7.8	5.8	5.2	15.1	7.7	17	71%			35
21	4.8	4.9	4.9	4.7	4.8	5.9	6.0	5.5	5.7	5.7	5.1	4.7	5.3	5.5	4.7	4.5	4.2	3.5	3.2	4.6	4.2	4.5	4.3	3.2	6.0	4.8	24	100%	4.76	1	35
22	3.1	4.8	5.3	5.4	3.8	4.8	3.5	3.7	3.1	2.9	2.4	2.1	1.9	2.0	2.4	2.8	3.7	16.8	15.5	5.2	3.1	5.6	2.8	17.0	17.0	5.1	24	100%	5.15	1	35
23	6.2	1.0	0.6	1.0	1.4	2.6	3.3	1.6	0.9	0.9	0.8	1.0	1.4	3.4	3.8	4.7	4.2	8.7	14.7	20.4	7.4	5.9	3.5	2.4	20.4	4.2	24	100%	4.24	1	35
24	1.9	2.5	3.1	1.7	2.3	3.9	4.2	1.7	1.6	1.6	2.6	2.7	3.2	3.8	4.1	8.9	11.8	10.9	10.1	14.2	13.2	10.7	9.3	5.9	14.2	5.7	24	100%	5.66	1	35
25	3.7	3.0	2.7	2.6	3.2	3.9	4.0	3.1	5.1	4.0	3.2	3.3	3.1	3.1	2.8	2.4	2.7	3.6	2.4	2.1	3.4	2.7	1.9	3.0	5.1	3.1	24	100%	3.13	1	35
26	2.6	2.4	3.6	3.7	4.2	4.2	6.2	8.3	7.4	6.4	5.9	4.5	3.9	3.7	3.7	3.3	4.0	6.4	6.5	4.3	5.7	6.5	3.8	3.9	8.3	4.8	24	100%	4.78	1	35
27	5.8	6.0	5.5	6.5	6.5	6.5	7.5	6.1	6.3	5.9	4.6	3.6	4.1	4.4	3.9	4.2	4.3	5.0	5.4	5.5	5.8	5.1	6.0	6.3	7.5	5.5	24	100%	5.46	1	35
28	6.8	8.0	7.1	5.2	6.4	11.1	9.9	8.3	6.7	5.3	4.6	4.8	5.7	5.9	6.4	5.8	5.7	13.3	7.3	5.2	6.4	5.4	2.6	3.1	13.3	6.6	24	100%	6.55	1	35
29	3.9	3.7	4.0	4.4	5.3	8.3	10.0	8.7	6.1	5.1	4.1	4.0	3.5	3.3	3.3	3.6	3.8	4.8	5.0	4.3	5.2	7.3			10.0	5.1	22	92%	5.09	1	35
30																									0.0	#DIV/0!	0	0%			35
31								7.0	8.6	10.1	5.1	5.0	6.8	5.1	4.3				5.2	6.4	7.8	6.0	6.8	7.5	10.1	6.5	14	58%			35
Max	10.3	15.2	15.5	12.8	16.8	13.9	14.8	13.8	10.9	10.9	12.2	15.1	18.9	14.0	11.5	103.6	26.4	19.4	15.5	20.4	13.2	10.7	9.3	17.0	644						
Ave	6.2	6.2	6.4	6.3	6.5	7.2	8.0	6.9	6.6	6.1	5.8	5.7	5.7	5.7	5.2	9.6	6.4	7.3	7.0	6.9	6.1	6.0	5.6	6.3	86.56%						
Count	26	26	26	26	26	26	26	28	28	28	28	28	28	28	28	26	26	26	27	27	27	27	26	26	31						

1	22	71.0%
2	3	9.7%
3	0	0.0%
4	0	0.0%
5	0	0.0%
6	0	0.0%
No Data	6.0	19.4%
	31	100.0%

Overview Of Data Analysis To Create A Report: Monthly Report (PM 10 Raw)

Sensor: 1309 **Site Name:** Westmorland Residency 7th Street **Parameter:** PM 10 **MM/YYYY:** August-24 **Units:** µg/M³

	Hours																										83.33%		Standard	
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS		25	AQI	Fed	Cal
1	26.6	23.9	31.0	33.2	39.7	51.1	49.8	30.2	29.8	30.7	24.8	17.0	19.1	16.0	16.7	15.9	22.4	21.9	85.7	32.1	21.2	11.6	10.3	14.7	85.7	28.1	24	100%	28.14	1	150	50
2	34.5	20.6	35.5	36.8	36.2	46.6	50.2	47.2	38.6	24.1	18.5	17.0	16.3	17.6	20.9	15.9	16.2	17.0	18.3	25.3	34.6	21.0	14.4	12.8	50.2	26.5	24	100%	26.51	1	150	50
3	17.5	18.4	15.6	26.9	19.1	23.4	54.5	23.2	21.3	24.7	25.1	15.8	18.7	13.6	11.0	13.8	10.0	16.9	14.8	38.4	16.7	13.5	13.5	15.6	54.5	20.1	24	100%	20.07	1	150	50
4	9.1	10.7	13.7	14.6	19.4	16.2	17.7	17.7	15.2	17.6	9.6	6.4	8.7	13.3	11.2	13.2	13.7	11.4	24.1	30.9	19.4	25.7	24.6	28.0	30.9	16.3	24	100%	16.33	1	150	50
5	28.8	18.5	15.7	15.2	21.5	54.9	41.9	36.3	48.4	28.0	39.3	28.9	22.8	32.1	28.6	21.5	24.9	22.6	21.0	28.9	26.8	25.8	30.1	34.1	54.9	29.0	24	100%	29.03	1	150	50
6	25.1	22.7	24.1	22.8	21.4	26.7	43.2	35.7	35.8	42.6	59.7	45.3	48.9	38.9	32.5	254.0	462.1	226.2	76.9	45.6	33.6	30.9	38.1	39.6	462.1	72.2	24	100%	72.18	2	150	50
7	26.4	22.3	29.1	95.1	129.9	48.5	33.2	23.1	23.3	26.5	21.1	17.9	22.6	31.5	26.8	21.8	16.2	19.1	33.0	31.9	22.0	22.7	21.5	21.9	129.9	32.8	24	100%	32.80	1	150	50
8	35.2	23.5	24.6	26.6	17.2	26.5	25.4	25.9	29.9	25.0	25.1	31.2	22.2	17.7	15.1	16.6	17.4	13.6	17.8	26.4	24.1	34.0	19.6	21.6	35.2	23.4	24	100%	23.42	1	150	50
9	26.3	16.7	18.4	16.7	19.0	36.0	52.2	24.8	26.0	27.4	18.6	16.2	19.1	13.2	12.2	8.1	8.8	11.4	12.9	33.3	24.5	35.5	53.5	39.7	53.5	23.8	24	100%	23.78	1	150	50
10	59.9	61.3	36.7	35.4	44.2	40.8	59.0	44.9	23.2	24.4	13.7	12.6	14.1	10.9	14.5	11.9	58.0	120.4	18.0	29.7	19.3	17.5	15.4	15.5	120.4	33.4	24	100%	33.39	1	150	50
11	12.3	13.7	13.2	11.5	13.3	17.0	26.1	58.0	73.4	79.5	77.1	44.2	31.8	29.8	20.4	1893.9	128.5	34.9	14.3	8.0	11.9	12.8	18.2	21.7	1893.9	111.1	24	100%	111.05	2	150	50
12	23.9	20.9	21.3	25.7	26.9	36.0	40.0	61.8	43.1	39.5	31.8	29.0	24.0	20.1	14.5	16.2	19.8	25.7	24.2	47.0	32.8	16.1	26.0	25.3	61.8	28.8	24	100%	28.82	1	150	50
13	22.0	18.5	19.7	18.2	25.6	36.4	34.4	34.4	25.3	20.7	9.7	10.3	10.0	6.7	5.9	10.5	17.5	47.9	44.4	11.3	17.4	13.5	15.2	18.7	47.9	20.6	24	100%	20.59	1	150	50
14	9.2	19.6	43.0	19.4	15.9	39.7	101.5	67.0	11.1	11.5	11.2	7.9	11.9	84.9	15.9	17.4	10.4	5.3	14.6	9.6	16.9	17.0	11.7	12.1	101.5	24.4	24	100%	24.36	1	150	50
15	11.0	15.3	17.1	16.9	27.0	42.8	67.3	32.4	19.5	9.9	7.5	7.5	20.8	19.8	18.6	17.6	18.2	21.6	23.5	56.5	36.2	22.5	32.5	24.7	67.3	24.4	24	100%	24.44	1	150	50
16	25.0	32.1	30.5	20.9	35.4	47.6	157.3	29.4	36.5	30.8	24.4	33.2	27.8	41.4	19.8	22.8	40.2	18.5	31.4	26.0	25.4	31.1	20.4	24.8	157.3	34.7	24	100%	34.68	1	150	50
17	24.4	22.0	20.7	18.0	19.6	24.9	29.3	29.7	15.3	21.2	21.2	9.5	16.0	12.4	12.8										29.7	19.8	15	63%			150	50
18																									0.0	#DIV/0!	0	0%			150	50
19																									0.0	#DIV/0!	0	0%			150	50
20								31.0	21.5	34.9	78.0	81.0	55.4	23.8	26.6	25.0	38.8	55.5	42.5	32.9	42.0	30.8	24.5	18.6	81.0	39.0	17	71%			150	50
21	17.8	17.6	19.6	17.3	17.3	37.6	49.9	28.0	29.1	20.4	16.5	15.5	17.3	44.9	38.3	25.1	23.9	34.7	22.1	28.1	24.1	24.6	21.8	21.1	49.9	25.5	24	100%	25.52	1	150	50
22	17.1	17.8	20.2	23.4	14.8	31.6	31.6	32.9	13.9	14.3	13.4	14.5	14.2	16.0	16.6	15.0	15.4	293.4	232.2	48.0	13.9	67.8	40.2	315.1	315.1	55.6	24	100%	55.55	2	150	50
23	101.5	8.4	3.9	6.4	7.7	22.4	45.1	16.5	5.4	3.1	5.9	12.1	12.7	22.2	31.0	26.5	33.7	108.8	190.5	330.0	104.4	65.8	30.1	20.7	330.0	50.6	24	100%	50.61	1	150	50
24	8.7	7.5	7.9	5.4	6.6	29.5	25.6	10.5	19.7	13.0	11.1	14.1	15.5	19.7	19.6	46.0	50.4	65.2	33.1	37.2	40.3	113.6	91.0	27.8	113.6	30.0	24	100%	29.95	1	150	50
25	15.1	12.4	4.9	5.3	6.5	11.1	14.6	8.2	15.4	12.3	7.5	5.3	5.7	5.9	5.7	4.1	5.5	8.9	6.5	4.6	7.7	8.8	7.0	6.7	15.4	8.1	24	100%	8.14	1	150	50
26	6.2	5.4	6.6	7.8	9.1	20.2	30.6	30.4	22.2	23.0	17.1	16.4	14.9	11.4	10.1	11.4	18.1	40.3	20.5	17.0	58.6	67.0	24.2	14.2	67.0	20.9	24	100%	20.94	1	150	50
27	20.0	17.8	18.2	17.2	15.0	19.7	33.9	33.2	28.5	16.5	12.7	14.5	19.8	27.7	13.5	12.5	14.9	14.3	20.5	25.0	13.8	10.4	12.6	11.5	33.9	18.5	24	100%	18.48	1	150	50
28	13.9	19.4	16.5	8.3	24.6	68.2	56.4	50.7	24.5	18.9	11.5	10.3	14.7	14.3	18.3	18.2	19.4	226.2	53.2	19.7	18.1	15.0	6.8	6.1	226.2	31.4	24	100%	31.38	1	150	50
29	15.5	7.5	7.6	14.1	18.3	41.1	54.4	43.8	20.2	17.5	19.1	14.6	12.2	15.2	10.7	11.5	9.9	16.5	16.5	23.2	25.2	34.1			54.4	20.4	22	92%	20.40	1	150	50
30																									0.0	#DIV/0!	0	0%			150	50
31								33.4	22.7	17.3	15.0	8.7	12.9	10.6	9.6				15.9	18.7	34.2	24.5	27.1	24.8	34.2	19.7	14	58%			150	50
Max	101.5	61.3	43.0	95.1	129.9	68.2	157.3	67.0	73.4	79.5	78.0	81.0	55.4	84.9	38.3	1893.9	462.1	293.4	232.2	330.0	104.4	113.6	91.0	315.1	644							
Ave	24.3	19.0	19.8	21.5	25.0	34.5	47.1	33.6	26.5	24.4	23.4	20.3	19.9	23.0	18.1	98.7	42.9	57.6	42.8	40.3	28.1	30.3	24.9	32.5	86.56%							
Count	26	26	26	26	26	26	26	28	28	28	28	28	28	28	28	26	26	26	27	27	27	27	26	26	31							

1	22	71.0%
2	3	9.7%
3	0	0.0%
4	0	0.0%
5	0	0.0%
6	0	0.0%
No Data	6.0	19.4%
	31	100.0%

Overview Of Data Analysis To Create A Report: Monthly Report (PM 2.5 Flags)

Sensor: 1309 **Site Name:** Westmorland Residency 7th Street **Parameter:** PM 2.5 **MM/YYYY:** August-24 **Units:** µg/M³

	Hours																												83.33%		Standard
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS		25	AQI	Fed
1	9.1	7.9	8.1	8.7	7.3	7.3	7.6	5.9	6.4	6.8	6.4	5.5	5.5	5.8	6.0	6.1	6.5	7.2	10.5	9.5	6.8	5.8	6.3	6.9	10.5	7.1	24	100%	7.08	1	35
2	7.3	6.9	8.7	11.1	12.0	13.9	14.8	12.7	10.1	8.0	7.3	8.5	7.7	8.8	8.5	7.8	7.6	8.4	9.2	9.8	9.9	8.1	7.9	6.8	14.8	9.2	24	100%	9.24	2	35
3	8.0	8.6	8.2	7.7	7.6	9.0	9.4	8.5	8.6	8.6	8.0	8.3	6.2	6.2	6.0	6.3	6.3	6.9	6.7	8.3	6.6	5.9	6.2	5.4	9.4	7.4	24	100%	7.40	1	35
4	4.6	5.8	6.1	6.7	7.5	7.5	6.2	6.2	6.7	6.7	6.1	5.1	6.0	6.9	7.2	7.3	6.3	5.9	4.5	4.9	4.9	6.7	7.6	10.1	10.1	6.4	24	100%	6.40	1	35
5	7.7	5.8	5.4	5.2	7.0	8.3	7.9	8.2	10.0	8.6	9.1	8.9	7.4	7.9	7.7	10.0	8.6	8.5	8.0	6.9	6.4	7.6	9.1	9.6	10.0	7.9	24	100%	7.91	1	35
6	8.8	8.7	10.8	9.1	8.5	7.7	8.0	8.2	8.8	10.9	12.2	12.8	18.9	14.0	11.5	19.2	26.4	19.4	9.3	7.4	6.4	5.9	6.9	8.7	26.4	11.2	24	100%	11.19	2	35
7	8.0	7.2	8.0	12.8	16.8	9.9	8.8	7.4	7.8	9.5	9.4	8.6	8.1	8.2	7.5	7.6	7.3	7.1	8.6	9.9	8.9	8.9	8.4	8.9	16.8	8.9	24	100%	8.89	1	35
8	10.3	11.1	8.8	8.3	7.6	7.8	9.2	9.7	9.8	8.5	8.9	8.9	8.1	6.2	5.0	6.1	7.1	7.3	7.8	8.1	7.7	6.9	7.9	8.3	11.1	8.1	24	100%	8.14	1	35
9	8.0	6.0	6.4	6.8	6.8	7.9	8.1	5.4	5.2	4.4	4.7	4.0	3.8	3.8	3.7	3.9	3.5	4.0	4.8	8.5	6.4	6.5	7.3	7.9	8.5	5.7	24	100%	5.75	1	35
10	9.3	9.0	8.0	7.6	8.8	8.9	10.0	8.5	7.3	6.7	4.5	4.4	3.9	4.0	4.3	4.1	5.5	7.1	5.6	4.8	3.9	3.8	4.2	4.5	10.0	6.2	24	100%	6.20	1	35
11	4.3	4.7	6.4	4.9	4.8	5.0	5.1	7.4	10.1	10.4	8.7	7.4	6.7	5.8	5.2	103.6	9.4	3.6	2.2	2.2	2.8	3.9	4.9	8.0	103.6	9.9	24	100%	9.89	2	35
12	10.3	9.3	8.2	9.6	10.6	11.9	13.9	13.8	10.9	9.9	8.3	7.4	6.9	6.5	6.0	5.8	5.7	7.4	6.4	5.9	5.7	3.8	4.3	4.4	13.9	8.0	24	100%	8.03	1	35
13	5.7	5.9	5.5	6.2	7.0	7.0	10.4	9.0	6.6	5.8	3.9	3.3	3.1	2.9	2.9	2.5	2.8	4.9	4.5	2.5	2.8	2.6	2.2	2.2	10.4	4.7	24	100%	4.66	1	35
14	2.1	2.5	3.6	2.5	2.6	4.8	7.9	4.3	1.3	1.1	1.1	1.3	1.2	4.5	1.4	1.5	1.5	1.6	3.0	3.4	4.1	5.2	4.0	5.0	7.9	3.0	24	100%	2.99	1	35
15	5.3	4.6	5.3	5.4	6.0	6.2	8.3	5.0	3.5	1.7	1.4	1.7	5.6	8.2	6.6	5.3	6.5	8.9	9.1	9.6	5.9	5.5	6.0	5.5	9.6	5.7	24	100%	5.71	1	35
16	8.0	15.2	15.5	9.0	5.1	6.2	11.5	8.5	10.9	8.0	7.1	7.6	6.7	5.7	4.8	3.9	3.1	2.1	4.5	6.5	6.7	6.9	5.9	6.1	15.5	7.3	24	100%	7.31	1	35
17	6.5	6.4	6.2	6.2	6.2	6.8	6.1	5.2	4.7	5.8	5.2	4.5	6.0	6.6	5.2	>	>	>	>	>	>	>	>	>	6.8	5.8	15	63%			35
18	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.0	#DIV/0!	0	0%			35
19	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.0	#DIV/0!	0	0%			35
20	>	>	>	>	>	>	>	5.9	5.7	6.8	11.8	15.1	11.3	7.8	6.8	7.2	7.6	6.2	6.2	6.2	8.2	7.8	5.8	5.2	15.1	7.7	17	71%			35
21	4.8	4.9	4.9	4.7	4.8	5.9	6.0	5.5	5.7	5.7	5.1	4.7	5.3	5.5	4.7	4.5	4.2	3.5	3.2	4.6	4.2	4.5	4.3	3.2	6.0	4.8	24	100%	4.76	1	35
22	3.1	4.8	5.3	5.4	3.8	4.8	3.5	3.7	3.1	2.9	2.4	2.1	1.9	2.0	2.4	2.8	3.7	16.8	15.5	5.2	3.1	5.6	2.8	17.0	17.0	5.1	24	100%	5.15	1	35
23	6.2	1.0	0.6	1.0	1.4	2.6	3.3	1.6	0.9	0.9	0.8	1.0	1.4	3.4	3.8	4.7	4.2	8.7	14.7	20.4	7.4	5.9	3.5	2.4	20.4	4.2	24	100%	4.24	1	35
24	1.9	2.5	3.1	1.7	2.3	3.9	4.2	1.7	1.6	1.6	2.6	2.7	3.2	3.8	4.1	8.9	11.8	10.9	10.1	14.2	13.2	10.7	9.3	5.9	14.2	5.7	24	100%	5.66	1	35
25	3.7	3.0	2.7	2.6	3.2	3.9	4.0	3.1	5.1	4.0	3.2	3.3	3.1	3.1	2.8	2.4	2.7	3.6	2.4	2.1	3.4	2.7	1.9	3.0	5.1	3.1	24	100%	3.13	1	35
26	2.6	2.4	3.6	3.7	4.2	4.2	6.2	8.3	7.4	6.4	5.9	4.5	3.9	3.7	3.7	3.3	4.0	6.4	6.5	4.3	5.7	6.5	3.8	3.9	8.3	4.8	24	100%	4.78	1	35
27	5.8	6.0	5.5	6.5	6.5	6.5	7.5	6.1	6.3	5.9	4.6	3.6	4.1	4.4	3.9	4.2	4.3	5.0	5.4	5.5	5.8	5.1	6.0	6.3	7.5	5.5	24	100%	5.46	1	35
28	6.8	8.0	7.1	5.2	6.4	11.1	9.9	8.3	6.7	5.3	4.6	4.8	5.7	5.9	6.4	5.8	5.7	13.3	7.3	5.2	6.4	5.4	2.6	3.1	13.3	6.6	24	100%	6.55	1	35
29	3.9	3.7	4.0	4.4	5.3	8.3	10.0	8.7	6.1	5.1	4.1	4.0	3.5	3.3	3.3	3.6	3.8	4.8	5.0	4.3	5.2	7.3	>	>	10.0	5.1	22	92%	5.09	1	35
30	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.0	#DIV/0!	0	0%			35
31	>	>	>	>	>	>	>	7.0	8.6	10.1	5.1	5.0	6.8	5.1	4.3	B	B	B	5.2	6.4	7.8	6.0	6.8	7.5	10.1	6.5	14	58%			35
Max	10.3	15.2	15.5	12.8	16.8	13.9	14.8	13.8	10.9	10.9	12.2	15.1	18.9	14.0	11.5	103.6	26.4	19.4	15.5	20.4	13.2	10.7	9.3	17.0	**644**						
Ave	6.2	6.2	6.4	6.3	6.5	7.2	8.0	6.9	6.6	6.1	5.8	5.7	5.7	5.7	5.2	9.6	6.4	7.3	7.0	6.9	6.1	6.0	5.6	6.3	**86.56%**						
Count	26	26	26	26	26	26	26	28	28	28	28	28	28	28	28	26	26	26	27	27	27	27	26	26	31						

1	22	71.0%
2	3	9.7%
3	0	0.0%
4	0	0.0%
5	0	0.0%
6	0	0.0%
No Data	6.0	19.4%
	31	100.0%

Overview Of Data Analysis To Create A Report: Monthly Report (PM 10 Flags)

Sensor: 1309 **Site Name:** Westmorland Residency 7th Street **Parameter:** PM 10 **MM/YYYY:** August-24 **Units:** µg/M³

	Hours																										83.33%		Standard	
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS		25	AQI	Fed	Cal
1	26.6	23.9	31.0	33.2	39.7	51.1	49.8	30.2	29.8	30.7	24.8	17.0	19.1	16.0	16.7	15.9	22.4	21.9	85.7	32.1	21.2	11.6	10.3	14.7	85.7	28.1	24	100%	28.14	1	150	50
2	34.5	20.6	35.5	36.8	36.2	46.6	50.2	47.2	38.6	24.1	18.5	17.0	16.3	17.6	20.9	15.9	16.2	17.0	18.3	25.3	34.6	21.0	14.4	12.8	50.2	26.5	24	100%	26.51	1	150	50
3	17.5	18.4	15.6	26.9	19.1	23.4	54.5	23.2	21.3	24.7	25.1	15.8	18.7	13.6	11.0	13.8	10.0	16.9	14.8	38.4	16.7	13.5	13.5	15.6	54.5	20.1	24	100%	20.07	1	150	50
4	9.1	10.7	13.7	14.6	19.4	16.2	17.7	17.7	15.2	17.6	9.6	6.4	8.7	13.3	11.2	13.2	13.7	11.4	24.1	30.9	19.4	25.7	24.6	28.0	30.9	16.3	24	100%	16.33	1	150	50
5	28.8	18.5	15.7	15.2	21.5	54.9	41.9	36.3	48.4	28.0	39.3	28.9	22.8	32.1	28.6	21.5	24.9	22.6	21.0	28.9	26.8	25.8	30.1	34.1	54.9	29.0	24	100%	29.03	1	150	50
6	25.1	22.7	24.1	22.8	21.4	26.7	43.2	35.7	35.8	42.6	59.7	45.3	48.9	38.9	32.5	254.0	462.1	226.2	76.9	45.6	33.6	30.9	38.1	39.6	462.1	72.2	24	100%	72.18	2	150	50
7	26.4	22.3	29.1	95.1	129.9	48.5	33.2	23.1	23.3	26.5	21.1	17.9	22.6	31.5	26.8	21.8	16.2	19.1	33.0	31.9	22.0	22.7	21.5	21.9	129.9	32.8	24	100%	32.80	1	150	50
8	35.2	23.5	24.6	26.6	17.2	26.5	25.4	25.9	29.9	25.0	25.1	31.2	22.2	17.7	15.1	16.6	17.4	13.6	17.8	26.4	24.1	34.0	19.6	21.6	35.2	23.4	24	100%	23.42	1	150	50
9	26.3	16.7	18.4	16.7	19.0	36.0	52.2	24.8	26.0	27.4	18.6	16.2	19.1	13.2	12.2	8.1	8.8	11.4	12.9	33.3	24.5	35.5	53.5	39.7	53.5	23.8	24	100%	23.78	1	150	50
10	59.9	61.3	36.7	35.4	44.2	40.8	59.0	44.9	23.2	24.4	13.7	12.6	14.1	10.9	14.5	11.9	58.0	120.4	18.0	29.7	19.3	17.5	15.4	15.5	120.4	33.4	24	100%	33.39	1	150	50
11	12.3	13.7	13.2	11.5	13.3	17.0	26.1	58.0	73.4	79.5	77.1	44.2	31.8	29.8	20.4	1893.9	128.5	34.9	14.3	8.0	11.9	12.8	18.2	21.7	1893.9	111.1	24	100%	111.05	2	150	50
12	23.9	20.9	21.3	25.7	26.9	36.0	40.0	61.8	43.1	39.5	31.8	29.0	24.0	20.1	14.5	16.2	19.8	25.7	24.2	47.0	32.8	16.1	26.0	25.3	61.8	28.8	24	100%	28.82	1	150	50
13	22.0	18.5	19.7	18.2	25.6	36.4	34.4	34.4	25.3	20.7	9.7	10.3	10.0	6.7	5.9	10.5	17.5	47.9	44.4	11.3	17.4	13.5	15.2	18.7	47.9	20.6	24	100%	20.59	1	150	50
14	9.2	19.6	43.0	19.4	15.9	39.7	101.5	67.0	11.1	11.5	11.2	7.9	11.9	84.9	15.9	17.4	10.4	5.3	14.6	9.6	16.9	17.0	11.7	12.1	101.5	24.4	24	100%	24.36	1	150	50
15	11.0	15.3	17.1	16.9	27.0	42.8	67.3	32.4	19.5	9.9	7.5	7.5	20.8	19.8	18.6	17.6	18.2	21.6	23.5	56.5	36.2	22.5	32.5	24.7	67.3	24.4	24	100%	24.44	1	150	50
16	25.0	32.1	30.5	20.9	35.4	47.6	157.3	29.4	36.5	30.8	24.4	33.2	27.8	41.4	19.8	22.8	40.2	18.5	31.4	26.0	25.4	31.1	20.4	24.8	157.3	34.7	24	100%	34.68	1	150	50
17	24.4	22.0	20.7	18.0	19.6	24.9	29.3	29.7	15.3	21.2	21.2	9.5	16.0	12.4	12.8	>	>	>	>	>	>	>	>	>	29.7	19.8	15	63%			150	50
18	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.0	#DIV/0!	0	0%			150	50
19	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.0	#DIV/0!	0	0%			150	50
20	>	>	>	>	>	>	>	31.0	21.5	34.9	78.0	81.0	55.4	23.8	26.6	25.0	38.8	55.5	42.5	32.9	42.0	30.8	24.5	18.6	81.0	39.0	17	71%			150	50
21	17.8	17.6	19.6	17.3	17.3	37.6	49.9	28.0	29.1	20.4	16.5	15.5	17.3	44.9	38.3	25.1	23.9	34.7	22.1	28.1	24.1	24.6	21.8	21.1	49.9	25.5	24	100%	25.52	1	150	50
22	17.1	17.8	20.2	23.4	14.8	31.6	31.6	32.9	13.9	14.3	13.4	14.5	14.2	16.0	16.6	15.0	15.4	293.4	232.2	48.0	13.9	67.8	40.2	315.1	315.1	55.6	24	100%	55.55	2	150	50
23	101.5	8.4	3.9	6.4	7.7	22.4	45.1	16.5	5.4	3.1	5.9	12.1	12.7	22.2	31.0	26.5	33.7	108.8	190.5	330.0	104.4	65.8	30.1	20.7	330.0	50.6	24	100%	50.61	1	150	50
24	8.7	7.5	7.9	5.4	6.6	29.5	25.6	10.5	19.7	13.0	11.1	14.1	15.5	19.7	19.6	46.0	50.4	65.2	33.1	37.2	40.3	113.6	91.0	27.8	113.6	30.0	24	100%	29.95	1	150	50
25	15.1	12.4	4.9	5.3	6.5	11.1	14.6	8.2	15.4	12.3	7.5	5.3	5.7	5.9	5.7	4.1	5.5	8.9	6.5	4.6	7.7	8.8	7.0	6.7	15.4	8.1	24	100%	8.14	1	150	50
26	6.2	5.4	6.6	7.8	9.1	20.2	30.6	30.4	22.2	23.0	17.1	16.4	14.9	11.4	10.1	11.4	18.1	40.3	20.5	17.0	58.6	67.0	24.2	14.2	67.0	20.9	24	100%	20.94	1	150	50
27	20.0	17.8	18.2	17.2	15.0	19.7	33.9	33.2	28.5	16.5	12.7	14.5	19.8	27.7	13.5	12.5	14.9	14.3	20.5	25.0	13.8	10.4	12.6	11.5	33.9	18.5	24	100%	18.48	1	150	50
28	13.9	19.4	16.5	8.3	24.6	68.2	56.4	50.7	24.5	18.9	11.5	10.3	14.7	14.3	18.3	18.2	19.4	226.2	53.2	19.7	18.1	15.0	6.8	6.1	226.2	31.4	24	100%	31.38	1	150	50
29	15.5	7.5	7.6	14.1	18.3	41.1	54.4	43.8	20.2	17.5	19.1	14.6	12.2	15.2	10.7	11.5	9.9	16.5	16.5	23.2	25.2	34.1	>	>	54.4	20.4	22	92%	20.40	1	150	50
30	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.0	#DIV/0!	0	0%			150	50
31	>	>	>	>	>	>	>	33.4	22.7	17.3	15.0	8.7	12.9	10.6	9.6	B	B	B	15.9	18.7	34.2	24.5	27.1	24.8	34.2	19.7	14	58%			150	50
Max	101.5	61.3	43.0	95.1	129.9	68.2	157.3	67.0	73.4	79.5	78.0	81.0	55.4	84.9	38.3	1893.9	462.1	293.4	232.2	330.0	104.4	113.6	91.0	315.1	644							
Ave	24.3	19.0	19.8	21.5	25.0	34.5	47.1	33.6	26.5	24.4	23.4	20.3	19.9	23.0	18.1	98.7	42.9	57.6	42.8	40.3	28.1	30.3	24.9	32.5	86.56%							
Count	26	26	26	26	26	26	26	28	28	28	28	28	28	28	28	26	26	26	27	27	27	27	26	26	31							

1	22	71.0%
2	3	9.7%
3	0	0.0%
4	0	0.0%
5	0	0.0%
6	0	0.0%
No Data	6.0	19.4%
	31	100.0%

Overview Of Data Analysis To Create A Report: Monthly Report (PM 2.5 BAMs)

Sensor: PM2.5 BAM **Site Name:** Brawley ICAPCD **Parameter:** PM 2.5 **MM/YYYY:** August-24 **Units:** µg/M³

	Hours																												86.67%		Standard
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS		26	AQI	Fed
1	6.7	9.2	11.0	14.2	4.7	11.9	7.9	7.3	8.3	9.0	6.0	6.6	7.0	13.2	11.6	9.5	13.0	12.2	10.3	6.5	5.3	4.3	2.6	7.1	14.2	8.6	24	100%	8.56	1	35
2	3.1	10.8	11.2	13.7	13.2	7.3	21.4	17.4	13.5	13.1	6.0	8.3	11.6	10.7	11.9	10.9	10.2	9.6	9.8	7.5	6.9	6.3	3.8	1.1	21.4	10.0	24	100%	9.97	2	35
3	7.2	9.6	4.6	12.1	6.4	10.7	10.8	16.4	11.6	10.5	14.6	9.2	12.7	5.7	3.8	7.9	7.8	11.7	9.2	9.6	10.9	5.5	2.2	4.3	16.4	9.0	24	100%	8.96	1	35
4	2.8	6.7	4.7	4.4	6.7	7.2	6.0	8.3	10.4	5.5	7.6	12.6	6.3	9.4	5.7	7.0	11.1	8.9	8.9	6.2	5.3	10.2	12.4	8.3	12.6	7.6	24	100%	7.61	1	35
5	2.2	6.9	5.2	10.4	6.3	8.4	6.6	12.2	14.2	17.2	7.9	16.3	21.0	17.9	17.3	10.5	13.0	11.7	10.7	7.4	14.0	9.5	10.1	9.5	21.0	11.1	24	100%	11.10	2	35
6	5.9	12.7	8.0	11.8	8.8	9.7	11.9	12.9	20.9	25.8	23.7	22.1	24.5	23.1	23.0	47.2	37.4	20.5	14.4	11.3	6.9	6.3	6.8	6.4	47.2	16.8	24	100%	16.75	2	35
7	7.7	8.5	11.9	17.8	21.9	10.0	6.6	4.9	19.1	7.6	10.4	12.8	14.7	9.4	14.9	11.6	9.0	12.5	8.9	5.8	10.0	7.3	6.5	10.9	21.9	10.9	24	100%	10.86	2	35
8	5.9	8.3	3.8	-0.7	9.9	2.5	11.5	9.6	8.7	10.0	9.9	14.5	13.2	8.2	13.6	10.3	9.6	14.1	9.0	8.2	10.6	9.2	6.9	6.0	14.5	8.9	24	100%	8.87	1	35
9	7.7	3.3	5.7	7.0	6.0	7.5	9.9	7.4	8.3	8.2	10.8	10.4	11.1	8.4	9.1	3.8	8.6	10.3	10.2	5.5	7.0	2.9	6.0	4.1	11.1	7.5	24	100%	7.47	1	35
10	9.4	-2.4	2.9	11.2	6.2	4.5	10.5	13.7	4.6	8.1	11.4	10.8	10.2	14.5	8.6	9.4	9.6	12.4	7.7	1.8	2.2	1.9	3.2	3.5	14.5	7.3	24	100%	7.33	1	35
11	3.6	5.4	10.1	5.0	13.5	11.1	7.7	15.8	11.5	20.2	16.6	5.4	7.6	9.5	11.7	201.5	16.7	-2.0	-0.2	7.1	3.6	2.6	4.3	6.3	201.5	16.4	24	100%	16.44	2	35
12	3.8	6.4	3.2	7.8	9.7	9.1	12.1	18.7	13.5	8.8	10.3	17.7	9.5	12.2	13.5	14.3	13.8	13.1	14.9	6.1	4.4	3.5	2.1	6.3	18.7	9.8	24	100%	9.78	2	35
13	4.7	7.9	5.3	9.5	5.9	3.6	11.9	8.2	7.7	7.0	3.7	10.6	6.6	13.7	11.7	6.7	7.1	7.5	5.3	5.9	-1.2	-0.2	-1.5	-0.2	13.7	6.1	24	100%	6.14	1	35
14	3.8	4.0	1.3	1.1	-2.0	-1.5	4.9	10.9	7.2	5.7	4.0	7.4	6.8	6.3	5.7	6.2	4.0	14.9	7.7	4.1	-1.6	-0.7	0.8	-4.5	14.9	4.0	24	100%	4.02	1	35
15	6.4	2.7	3.7	3.8	4.8	11.0	15.2	15.3	147.4																147.4	23.4	9	38%			35
16																									0.0	#DIV/0!	0	0%			35
17																									0.0	#DIV/0!	0	0%			35
18																									0.0	#DIV/0!	0	0%			35
19											15.9	6.4	6.3	7.0	7.7	9.1	8.3	11.7	5.8	6.2	1.8	2.0	3.7	-3.2	15.9	6.3	14	58%			35
20	-1.5	1.8	-1.0	3.7	3.3	9.6	17.7	14.1	12.0	23.4	50.4	29.2	21.1	17.7	15.8	22.0	20.8	16.2	8.4	6.6	9.4	4.8	0.4	5.3	50.4	13.0	24	100%	12.97	2	35
21	5.5	8.4	3.5	4.9	7.8	6.9	9.4	10.7	6.0	7.2	5.6	6.2	9.9	8.7	8.5	13.0	3.3	2.2	0.5	1.3	6.1	5.7	5.7	2.9	13.0	6.2	24	100%	6.25	1	35
22	5.0	7.1	7.6	2.4	9.3	3.3	13.0	11.0	2.2	-1.9	6.6	0.9	8.3	2.1	6.1	5.8	8.4	8.7	8.3	0.7	0.3	0.0	1.9	15.2	15.2	5.5	24	100%	5.51	1	35
23	19.5	4.6	4.4	5.0	5.3	7.1	7.6	7.9	2.4	-0.7	1.9	4.3	2.3	8.2	6.8	11.2	9.0	27.1	31.1	28.0	19.6	5.1	8.0	3.6	31.1	9.6	24	100%	9.55	2	35
24	5.9	0.3	-2.4	1.5	4.0	1.2	3.0	4.6	6.7	7.0	5.3	4.3	5.6	11.5	11.5	9.3	22.7	17.3	6.1	20.3	12.0	14.8	9.8	9.4	22.7	8.0	24	100%	7.99	1	35
25	3.0	1.2	3.6	1.9	2.7	0.9	4.2	8.0	1.9	5.1	4.4	0.4	-0.2	-1.2	8.2	5.7	5.1	3.2	1.5	1.5	-1.8	-1.2	1.8	0.8	8.2	2.5	24	100%	2.53	1	35
26	4.4	1.2	0.6	1.6	7.8	6.2	12.9	12.3	10.4	11.8	9.6	6.7	6.0	8.3	10.3	3.0	6.8	9.0	2.8	4.8	7.4	-0.6	2.9	9.1	12.9	6.5	24	100%	6.47	1	35
27	6.9	6.4	9.6	8.4	4.6	9.4	11.5	9.2	9.3	9.2	6.9	8.5	7.0	7.3	8.4	8.4	6.2	6.9	7.4	4.2	3.4	0.4	3.5	-0.1	11.5	6.8	24	100%	6.79	1	35
28	6.8	7.7	5.7	8.9	6.4	6.6	15.4	21.9	11.0	9.6	7.4	2.4	6.9	6.4	-15.0	7.0	8.6	-4.0	6.6	6.7	7.2	3.4	2.2	4.5	21.9	6.3	24	100%	6.26	1	35
29	2.1	1.9	4.3	2.6	4.8	8.8	9.5	11.7	6.9	11.0	5.0	6.9	4.0	10.8	7.6	9.3	7.1	5.8	5.3	5.7	2.1	4.4	3.1	1.7	11.7	5.9	24	100%	5.93	1	35
30	8.3	4.8	5.0	0.7	4.2	4.6	4.9	8.4	10.0	7.6	8.9	2.5	4.7	6.0	11.0	7.2	6.5	5.8	3.1	5.0	1.4	3.1	0.3	1.3	11.0	5.2	24	100%	5.22	1	35
31	2.8	3.2	4.7	4.2	1.6	4.2	5.9	2.6	9.9	5.3	14.3	3.2	8.2	10.3	13.0	4.5	6.3	5.3	6.3	2.4	4.2	3.2	5.8	5.5	14.3	5.7	24	100%	5.70	1	35
Max	19.5	12.7	11.9	17.8	21.9	11.9	21.4	21.9	147.4	25.8	50.4	29.2	24.5	23.1	23.0	201.5	37.4	27.1	31.1	28.0	19.6	14.8	12.4	15.2	647				1	18	58.1%
Ave	5.5	5.6	5.1	6.8	7.1	6.9	10.4	11.6	15.0	9.9	10.5	9.6	9.6	10.0	9.5	18.4	11.1	10.5	8.4	7.2	6.1	4.3	4.4	4.7	86.96%				2	8	25.8%
Count	27	27	27	27	27	27	27	27	27	26	27	27	27	27	27	27	27	27	27	27	27	27	27	27	31				3	0	0.0%
																													4	0	0.0%
																													5	0	0.0%
																													6	0	0.0%
																													No Data	5.0	16.1%
																														31	100.0%

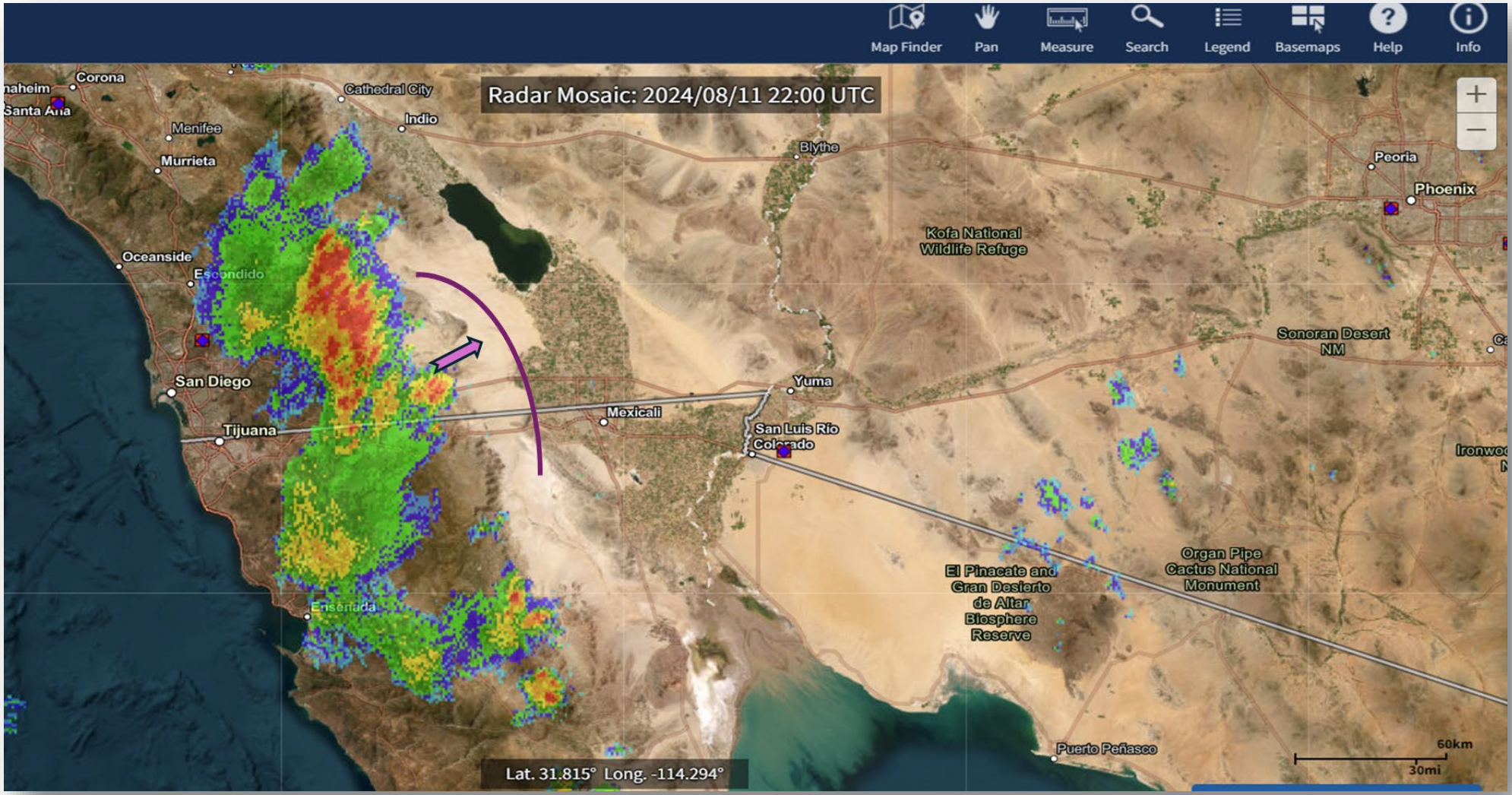
Overview Of Data Analysis To Create A Report: Monthly Report (PM 10 BAMs)

Sensor: 3143 **Site Name:** Westmorland ICAPCD **Parameter:** PM10 BAM **MM/YYYY:** August-24 **Units:** µg/M³

	Hours																												83.33%		Standard	
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS		25	AQI	Fed	Cal
1	34.4	33.5	40.9	41.1	61.8	76.9	114.2	74.8	44.6	63.8	48.6	30.1	30.1	31.2	31.6	31.2	31.0	35.6	134.2	54.2	26.7	15.9	10.0	19.9	134.2	46.5	24	100%	46.51	1	150	50
2	32.4	24.0	38.3	46.0	42.6	50.1	68.7	60.2	57.9	34.1	25.7	35.7	30.2	34.8	62.3	27.2	30.2	27.7	41.8	42.9	44.7	37.0	21.7	20.8	68.7	39.0	24	100%	39.04	1	150	50
3	23.2	17.1	20.0	21.6	14.4	64.1	86.4	54.1	33.5	46.9	26.1	43.5	46.4	15.6	14.8	17.7	23.4	14.4	31.0	80.8	21.9	17.7	10.9	15.3	86.4	31.7	24	100%	31.70	1	150	50
4	6.4	9.2	11.3	15.4	20.9	34.5	17.4	30.9	20.5	24.0	20.5	13.9	9.2	13.0	15.8	22.5	26.6	21.4	43.7	45.7	34.5	47.9	37.1	31.8	47.9	23.9	24	100%	23.92	1	150	50
5	37.0	21.6	16.1	19.9	19.7	50.4	79.2	55.6	59.9	51.6	88.7	69.0	79.4	75.3	51.8	45.7	51.5	42.5	37.3	49.5	39.3	42.0	45.7	46.9	88.7	49.0	24	100%	48.98	1	150	50
6	35.1	25.2	60.0	35.7	32.2	43.4	76.0	51.3	70.1	91.9	99.8	98.3	103.3	78.5	72.1	559.1	734.1	354.2	125.2	74.7	51.8	33.1	68.5	47.0	734.1	125.9	24	100%	125.86	2	150	50
7	22.0	25.7	33.0	130.5	192.0	58.6	36.2	69.5	42.2	47.0	44.1	46.3	55.7	57.1	61.4	37.6	33.1	38.3	58.6	39.9	31.9	39.3	32.2	27.2	192.0	52.5	24	100%	52.48	1	150	50
8	32.8	29.6	27.5	29.9	20.0	35.0	40.5	37.9	46.4	33.0	67.0	43.1	20.8	25.8	22.9	24.1	24.6	32.7	50.8	49.5	31.6	34.4	26.6	28.7	67.0	34.0	24	100%	33.97	1	150	50
9	43.8	22.5	21.6	17.1	25.7	69.6	72.2	51.5	36.5	43.5	38.0	36.2	92.5	41.2	20.5	23.5	18.0	13.0	20.9	34.4	32.2	54.8	104.7	74.5	104.7	42.0	24	100%	42.02	1	150	50
10	88.2	73.6	57.0	46.0	42.9	51.3	108.2	68.7	51.2	39.6	21.9	28.7	23.8	24.1	17.3	38.9	96.6	132.6	21.4	56.5	41.4	24.6	13.5	21.6	132.6	49.6	24	100%	49.57	1	150	50
11	16.4	17.7	19.3	16.5	20.3	24.4	39.6	121.8	116.9	162.7	150.9	85.0	64.9	52.5	40.0	3005.5	127.8	27.8	4.2	11.2	14.8	20.3	16.2	29.6	3005.5	175.3	24	100%	175.26	3	150	50
12	33.8	35.7	29.9	33.8	38.0	47.6	60.5	126.1		69.2	58.8	37.9	44.7	42.0	32.1	25.1	30.7	44.1	33.9	50.7	32.2	25.8	34.2	50.4	126.1	44.2	23	96%	44.23	1	150	50
13	32.1	29.8	13.3	14.7	44.3	35.1	41.7	84.0	77.4	39.9	18.7	15.4	18.0	16.7	14.1	20.2	35.3	91.6	51.5	14.5	9.5	9.8	10.9	26.6	91.6	31.9	24	100%	31.88	1	150	50
14	14.1	29.0	58.6	15.1	53.9	175.1	214.6	42.2	15.9	20.0	10.7	10.0	23.5	13.3	19.7	20.8	17.1	15.1	26.4	15.1	15.9	26.6	18.2	25.2	214.6	37.3	24	100%	37.34	1	150	50
15	8.6	18.7	22.8	23.2	44.3	76.8	120.4	62.1	50.5	73.1															120.4	50.1	10	42%			150	50
16																									0.0	#DIV/0!	0	0%			150	50
17																									0.0	#DIV/0!	0	0%			150	50
18																									0.0	#DIV/0!	0	0%			150	50
19												44.3	44.1	176.1	207.9	26.9	23.1	27.7	34.5	125.2	30.6	17.7	14.4	11.0	207.9	60.3	13	54%			150	50
20	7.8	11.5	7.2	14.5	35.4	46.9	83.0	63.5	169.3	181.6	280.5	291.0	103.5	91.0	65.6	63.5	104.3	127.1	73.9	59.2	63.2	49.6	38.8	27.8	291.0	85.8	24	100%	85.82	2	150	50
21	22.8	17.4	16.1	12.9	14.8	38.2	74.7	40.6	73.1	53.4	35.7	43.1	61.1	138.1	125.6	61.7	42.9	79.4	37.7	39.6	45.7	53.3	33.3	30.7	138.1	49.7	24	100%	49.66	1	150	50
22	29.2	20.9	29.6	27.7	20.2	34.5	32.1	43.2		29.8	25.8	21.1	17.6	34.2	32.2	34.4	28.1	309.2	290.0	37.0	15.6	122.0	73.7	457.8	457.8	76.8	23	96%	76.78	2	150	50
23	158.1	14.2	9.8	12.5	23.4	49.8	65.2	33.9	10.4	7.8	11.6	15.8	22.6	29.0	31.5	39.1	45.8	219.6	215.5	873.9	143.3	105.8	32.2	38.6	873.9	92.1	24	100%	92.06	2	150	50
24	9.6	6.3	3.5	6.9	5.8	49.8	51.0	22.5	21.1	37.0	17.9	32.5	36.7	57.4	48.1	82.0	85.6	161.9	83.8	112.2	68.7	123.9	98.8	34.7	161.9	52.4	24	100%	52.40	1	150	50
25	17.6	8.6	8.3	5.5	5.4	14.2	12.7	16.1	42.3	20.9	10.0	8.4	7.8	13.9	10.0	6.9	6.1	14.8	25.5	14.8	12.4	18.5	8.9	11.5	42.3	13.4	24	100%	13.38	1	150	50
26	8.6	9.5	15.6	17.3	24.9	34.7	61.1	45.2	111.0	37.4	34.1	41.5	28.1	19.1	15.3	19.7	33.3	34.8	41.5	46.7	79.7	71.6	49.5	24.3	111.0	37.7	24	100%	37.69	1	150	50
27	25.1	29.8	25.2	28.9	22.2	53.6	86.7	59.5	56.0	32.8	22.3	26.0	40.0	40.2	37.7	33.9	26.9	28.0	36.5	41.1	22.0	19.0	26.0	24.6	86.7	35.2	24	100%	35.17	1	150	50
28	21.4	19.0	11.3	10.7	92.7	107.9	113.0	101.4	54.5		37.4	33.5	33.9	35.9	62.3	40.5	61.5	403.5	131.1	36.2	30.2	26.1	6.1	7.5	403.5	64.2	23	96%	64.24	2	150	50
29	13.2	12.2	17.1	13.9	26.6	50.5	160.9	57.7	25.4	45.0	39.7	20.5	29.3	41.5	51.3	20.8	21.1	37.4	61.7	56.2	46.6	62.0	47.0	52.4	160.9	42.1	24	100%	42.08	1	150	50
30	36.5	42.8	36.5	31.0	36.8	69.6	68.4	58.8	31.5	58.2	49.8	36.5	38.2	26.3	56.6	32.8	21.6	26.3	34.8	30.2	48.1	50.2	51.9	50.1	69.6	42.6	24	100%	42.65	1	150	50
31	21.6	19.7	21.1	20.5	22.3	55.0	46.4	46.0	32.2	36.8	23.1	11.9	21.9	10.1	16.5	12.1	12.4	14.4	56.8	37.0	54.7	31.9	24.1	26.7	56.8	28.1	24	100%	28.13	1	150	50
Max	158.1	73.6	60.0	130.5	192.0	175.1	214.6	126.1	169.3	181.6	280.5	291.0	103.5	176.1	207.9	3005.5	734.1	403.5	290.0	873.9	143.3	123.9	104.7	457.8	**644**							
Ave	30.9	22.5	24.5	26.3	37.8	54.9	76.6	59.0	55.9	53.6	51.4	46.8	42.7	47.9	46.6	173.1	70.3	93.4	68.5	82.5	39.5	43.9	35.2	47.5	**86.56%**							
Count	27	27	27	27	27	27	27	27	25	26	26	27	27	27	27	27	27	27	27	27	27	27	27	27	31							

1	20	64.5%
2	5	16.1%
3	1	3.2%
4	0	0.0%
5	0	0.0%
6	0	0.0%
No Data	5.0	16.1%
	31	100.0%

Overview Of Data Analysis To Create A Report: Monthly Report (Special Event)



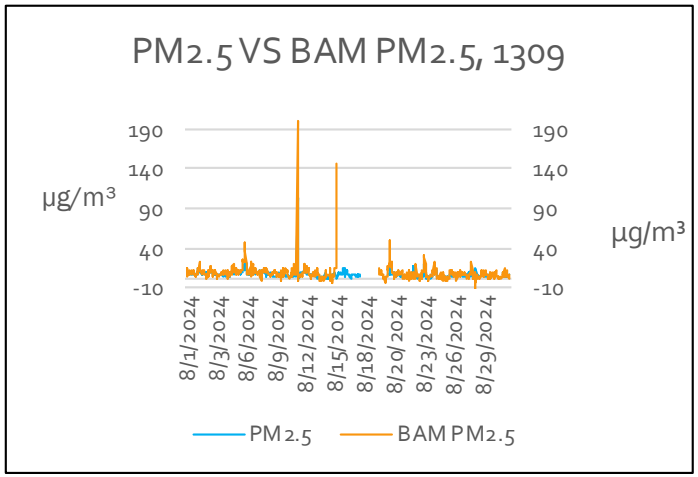
Overview Of Data Analysis To Create A Report: Monthly Report (WD)

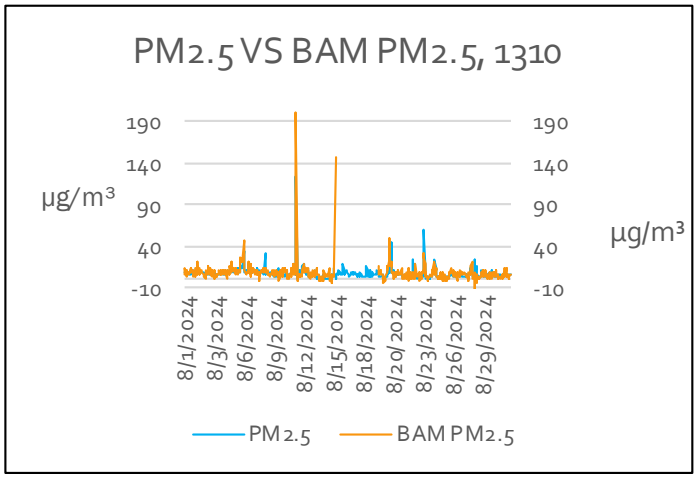
	Sensor:	WD		Site Name:	Westmorland ICAPCD					Parameter:	Wind Direction				MM/YYYY:	August-24					Units:	Degrees						
	Hours																											
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS	
1	113.0	121.0	139.0	150.0	162.0	191.0	102.0	104.0	128.0	152.0	138.0	151.0	169.0	183.0	184.0	181.0	165.0	161.0	218.0	164.0	201.0	222.0	CALM	101.0	222.0	156.5	23	96%
2	136.0	148.0	157.0	163.0	158.0	183.0	164.0	164.0	155.0	169.0	168.0	158.0	154.0	143.0	170.0	167.0	170.0	173.0	125.0	128.0	CALM	250.0	298.0	296.0	298.0	173.8	23	96%
3	310.0	259.0	270.0	287.0	296.0	CALM	267.0	322.0	328.0	346.0	345.0	CALM	175.0	156.0	170.0	194.0	96.0	70.0	178.0	295.0	280.0	288.0	295.0	298.0	346.0	251.1	22	92%
4	298.0	272.0	283.0	337.0	CALM	256.0	304.0	319.0	333.0	340.0	CALM	166.0	148.0	148.0	149.0	151.0	156.0	153.0	156.0	167.0	150.0	153.0	129.0	124.0	340.0	213.3	22	92%
5	150.0	143.0	151.0	179.0	196.0	54.0	101.0	102.0	102.0	151.0	139.0	147.0	144.0	132.0	148.0	143.0	152.0	143.0	134.0	139.0	146.0	146.0	151.0	128.0	196.0	138.4	24	100%
6	136.0	142.0	174.0	154.0	142.0	142.0	149.0	174.0	132.0	85.0	109.0	52.0	64.0	114.0	153.0	156.0	162.0	154.0	144.0	139.0	141.0	146.0	145.0	141.0	174.0	135.4	24	100%
7	122.0	130.0	151.0	174.0	118.0	137.0	147.0	104.0	137.0	59.0	68.0	136.0	142.0	126.0	162.0	168.0	186.0	211.0	228.0	228.0	222.0	183.0	182.0	193.0	228.0	154.8	24	100%
8	227.0	CALM	100.0	121.0	141.0	158.0	170.0	199.0	251.0	200.0	213.0	324.0	192.0	179.0	186.0	200.0	187.0	155.0	122.0	207.0	182.0	201.0	204.0	167.0	324.0	186.3	23	96%
9	86.0	108.0	126.0	148.0	223.0	20.0	136.0	177.0	186.0	209.0	CALM	144.0	165.0	153.0	178.0	189.0	172.0	152.0	148.0	135.0	CALM	123.0	104.0	142.0	223.0	146.5	22	92%
10	134.0	CALM	54.0	CALM	CALM	171.0	195.0	160.0	168.0	176.0	159.0	150.0	158.0	161.0	169.0	152.0	144.0	171.0	171.0	144.0	140.0	141.0	139.0	140.0	195.0	152.2	21	88%
11	126.0	124.0	126.0	128.0	134.0	130.0	135.0	145.0	144.0	145.0	146.0	140.0	144.0	142.0	155.0	252.0	236.0	194.0	182.0	159.0	145.0	161.0	167.0	172.0	252.0	155.5	24	100%
12	135.0	95.0	99.0	144.0	199.0	170.0	194.0	177.0	167.0	181.0	172.0	193.0	189.0	190.0	190.0	185.0	211.0	201.0	258.0	280.0	273.0	241.0	257.0	238.0	280.0	193.3	24	100%
13	202.0	214.0	195.0	246.0	134.0	172.0	196.0	155.0	150.0	159.0	193.0	212.0	150.0	159.0	215.0	295.0	298.0	298.0	291.0	280.0	275.0	276.0	284.0	280.0	298.0	222.0	24	100%
14	207.0	202.0	214.0	210.0	194.0	172.0	160.0	218.0	221.0	322.0	235.0	CALM	161.0	63.0	75.0	80.0	64.0	73.0	299.0	296.0	287.0	283.0	284.0	289.0	322.0	200.4	23	96%
15	324.0	292.0	249.0	232.0	211.0	CALM	120.0	166.0	162.0	177.0	221.0	166.0	165.0	115.0	135.0	128.0	132.0	138.0	100.0	117.0	160.0	180.0	88.0	101.0	324.0	168.7	23	96%
16	121.0	122.0	180.0	148.0	135.0	106.0	126.0	CALM	36.0	101.0	92.0	155.0	166.0	140.0	138.0	140.0	139.0	145.0	153.0	149.0	156.0	160.0	154.0	169.0	180.0	136.1	23	96%
17	125.0	122.0	135.0	157.0	171.0	163.0	141.0	150.0	146.0	135.0	78.0	53.0	155.0	248.0	226.0	196.0	214.0	256.0	255.0	258.0	287.0	269.0	335.0	300.0	335.0	190.6	24	100%
18	80.0	127.0	154.0	164.0	82.0	80.0	79.0	124.0	146.0	147.0	151.0	169.0	164.0	160.0	154.0	159.0	150.0	145.0	154.0	158.0	178.0	173.0	118.0	117.0	178.0	138.9	24	100%
19	122.0	133.0	208.0	195.0	172.0	155.0	154.0	172.0	158.0	150.0	168.0	50.0	45.0	70.0	100.0	157.0	147.0	119.0	143.0	175.0	251.0	295.0	280.0	184.0	295.0	158.5	24	100%
20	230.0	273.0	301.0	336.0	141.0	167.0	167.0	155.0	134.0	131.0	141.0	134.0	134.0	136.0	145.0	149.0	163.0	165.0	156.0	143.0	133.0	149.0	148.0	138.0	336.0	169.5	24	100%
21	133.0	135.0	139.0	128.0	131.0	123.0	123.0	145.0	162.0	139.0	132.0	149.0	147.0	135.0	144.0	147.0	160.0	148.0	145.0	154.0	162.0	173.0	161.0	164.0	173.0	145.0	24	100%
22	153.0	117.0	128.0	142.0	184.0	170.0	340.0	300.0	CALM	25.0	102.0	150.0	164.0	159.0	132.0	157.0	169.0	224.0	277.0	276.0	241.0	300.0	306.0	296.0	340.0	196.2	23	96%
23	273.0	272.0	285.0	306.0	CALM	280.0	300.0	300.0	317.0	327.0	227.0	212.0	200.0	180.0	183.0	245.0	267.0	256.0	270.0	258.0	273.0	263.0	281.0	290.0	327.0	263.7	23	96%
24	284.0	282.0	268.0	297.0	327.0	122.0	114.0	11.0	310.0	321.0	53.0	78.0	122.0	152.0	162.0	280.0	267.0	254.0	260.0	271.0	284.0	280.0	290.0	281.0	327.0	223.8	24	100%
25	283.0	299.0	318.0	305.0	324.0	CALM	104.0	341.0	325.0	315.0	319.0	3.0	352.0	337.0	336.0	334.0	335.0	340.0	5.0	297.0	287.0	286.0	282.0	312.0	352.0	280.0	23	96%
26	311.0	305.0	226.0	CALM	210.0	269.0	292.0	312.0	324.0	357.0	69.0	CALM	211.0	174.0	136.0	195.0	322.0	314.0	311.0	238.0	79.0	CALM	294.0	298.0	357.0	249.9	21	88%
27	314.0	307.0	298.0	296.0	293.0	CALM	CALM	346.0	335.0	354.0	8.0	26.0	CALM	CALM	188.0	163.0	CALM	54.0	71.0	248.0	287.0	302.0	356.0	CALM	356.0	235.9	18	75%
28	274.0	177.0	225.0	305.0	94.0	156.0	152.0	142.0	141.0	131.0	171.0	172.0	172.0	155.0	136.0	196.0	181.0	164.0	140.0	272.0	CALM	7.0	293.0	302.0	305.0	180.8	23	96%
29	309.0	296.0	CALM	140.0	160.0	164.0	191.0	171.0	CALM	CALM	294.0	CALM	87.0	CALM	64.0	221.0	226.0	270.0	CALM	120.0	161.0	181.0	126.0	101.0	309.0	182.3	18	75%
30	148.0	155.0	146.0	149.0	197.0	229.0	4.0	332.0	32.0	73.0	101.0	108.0	131.0	160.0	156.0	142.0	147.0	149.0	152.0	157.0	162.0	174.0	150.0	79.0	332.0	143.0	24	100%
31	118.0	121.0	120.0	220.0	193.0	86.0	101.0	112.0	121.0	123.0	162.0	163.0	161.0	156.0	183.0	CALM	203.0	202.0	219.0	201.0	144.0	CALM	113.0	206.0	220.0	155.8	22	92%
Max	324.0	307.0	318.0	337.0	327.0	280.0	340.0	346.0	335.0	357.0	345.0	324.0	352.0	337.0	336.0	334.0	335.0	340.0	311.0	297.0	287.0	302.0	356.0	312.0	**708**			
Ave	197.2	193.2	191.2	207.1	182.0	156.4	172.3	191.3	196.2	196.6	159.7	139.6	158.5	155.9	161.5	185.5	188.3	182.8	181.9	203.3	207.0	208.3	219.7	205.8	**95.16%**			
Count	31	29	30	29	28	27	30	30	29	30	29	27	30	29	31	30	30	31	30	31	28	29	30	30	31			

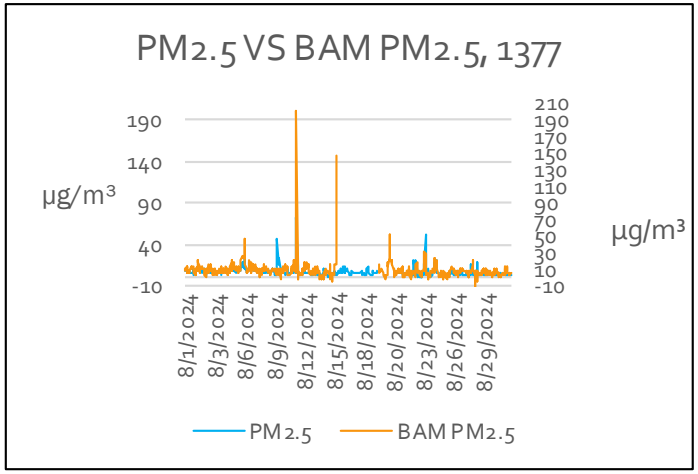
Overview Of Data Analysis To Create A Report: Monthly Report (WS)

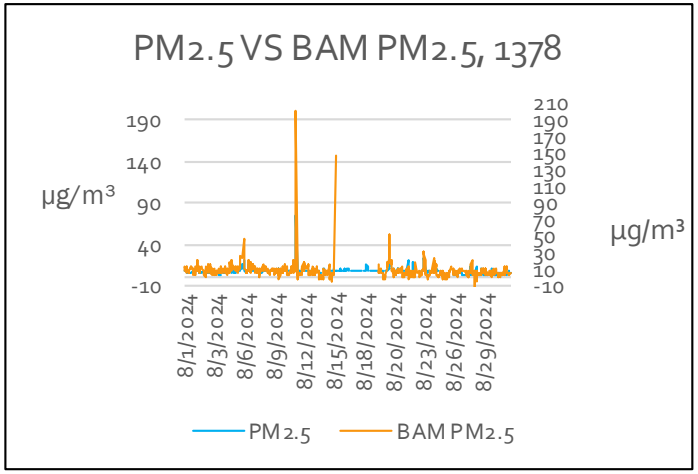
	Sensor: WS				Site Name: Westmorland ICAPCD						Parameter: Wind Speed					MM/YYYY: August-24						Units: mps						
	Hours																											
Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	RDS	
1	3.2	4.5	3.6	1.6	3.0	1.6	2.8	3.2	2.3	2.1	2.4	2.6	2.6	2.5	2.3	2.3	2.0	1.9	1.5	0.9	1.7	1.3	0.0	1.7	4.5	2.2	24	100%
2	2.1	1.8	1.6	1.6	1.3	1.0	0.9	2.9	3.0	2.5	1.7	1.4	1.9	1.4	1.6	1.8	1.7	1.0	0.6	0.7	0.0	0.8	1.4	1.8	3.0	1.5	24	100%
3	1.5	0.5	0.8	1.6	1.5	CALM	1.1	3.1	3.5	2.6	1.5	CALM	1.3	1.0	1.0	0.9	1.3	1.1	0.8	3.9	2.7	3.1	3.7	3.2	3.9	1.9	22	92%
4	3.0	1.2	1.5	1.0	CALM	0.7	1.7	2.7	3.4	2.5	CALM	1.1	1.5	1.9	2.4	2.3	2.7	3.0	3.6	2.5	2.6	2.2	1.7	1.7	3.6	2.1	22	92%
5	3.4	3.7	3.2	2.4	1.1	1.3	1.3	1.2	1.2	2.5	3.9	3.2	3.0	3.1	3.7	3.8	2.8	2.3	2.0	2.3	2.8	3.0	2.4	2.6	3.9	2.6	24	100%
6	2.5	2.0	1.2	1.4	1.5	3.8	3.1	2.4	1.4	1.9	1.2	0.8	1.0	0.7	1.7	3.8	6.0	5.4	4.9	5.4	5.7	5.5	5.1	4.3	6.0	3.0	24	100%
7	4.1	5.1	5.1	3.7	3.7	3.3	2.8	3.0	2.2	1.3	0.9	0.9	2.1	4.1	3.0	2.3	2.3	2.5	3.2	2.8	1.9	2.3	2.1	1.8	5.1	2.8	24	100%
8	1.3	CALM	1.8	1.4	1.6	1.7	1.6	1.3	1.1	1.1	0.9	1.4	0.8	1.2	2.0	2.1	1.2	1.5	1.6	1.9	2.1	3.4	1.6	0.7	3.4	1.5	23	96%
9	1.7	1.7	2.2	1.2	0.6	0.6	0.8	1.7	0.7	1.7	CALM	1.5	2.0	1.1	1.5	1.4	1.3	0.9	0.8	0.6	CALM	0.7	1.0	1.1	2.2	1.2	22	92%
10	0.9	CALM	0.7	CALM	CALM	1.7	1.3	2.5	2.5	1.9	2.2	2.9	2.9	2.5	2.5	3.4	5.1	4.3	2.7	4.5	3.8	3.3	3.8	3.8	5.1	2.8	21	88%
11	4.0	4.0	4.0	4.3	3.7	3.7	4.6	5.8	6.2	6.0	5.8	5.1	3.9	2.6	3.3	3.9	2.7	3.8	1.8	2.1	2.1	1.8	1.8	1.5	6.2	3.7	24	100%
12	0.9	0.9	1.4	0.7	1.0	1.5	1.5	2.3	1.7	1.3	2.0	1.7	2.1	1.7	1.2	1.7	2.4	2.5	1.8	2.6	2.5	1.7	1.4	1.4	2.6	1.7	24	100%
13	1.6	1.1	1.4	0.5	1.2	2.2	1.5	2.6	2.1	2.1	0.8	1.1	1.6	1.9	0.9	2.3	4.2	5.1	3.9	3.3	3.0	3.1	2.6	2.8	5.1	2.2	24	100%
14	1.1	1.9	1.2	1.5	1.7	0.9	0.8	1.9	1.2	1.3	0.8	CALM	0.9	0.7	1.1	2.4	2.4	1.6	2.1	3.1	3.6	3.3	2.5	1.7	3.6	1.7	23	96%
15	1.3	1.9	1.3	1.4	1.9	CALM	0.8	1.4	1.8	2.1	1.0	1.1	1.3	2.1	2.0	1.7	1.2	1.7	1.3	1.3	1.7	1.6	1.0	2.6	2.6	1.5	23	96%
16	1.8	1.5	1.3	2.0	3.0	2.8	1.3	CALM	0.8	2.2	1.7	2.3	2.1	3.8	3.6	2.1	4.9	4.0	2.9	3.1	2.7	2.3	2.1	1.8	4.9	2.4	23	96%
17	1.9	2.6	2.5	1.7	1.8	1.7	1.8	2.9	2.3	2.0	1.4	1.3	0.7	1.0	1.7	1.3	2.1	1.9	2.0	2.1	2.2	1.1	0.7	1.6	2.9	1.8	24	100%
18	0.7	0.9	1.1	1.3	1.3	1.8	1.9	3.8	4.0	4.1	3.8	3.0	2.5	3.0	2.4	2.9	3.0	3.1	2.7	2.2	2.1	1.7	1.7	2.2	4.1	2.4	24	100%
19	2.2	1.9	0.8	1.1	1.4	1.3	1.5	1.4	1.4	1.1	1.2	0.6	1.5	1.9	1.8	0.7	0.8	0.9	1.2	0.9	1.4	1.3	1.3	1.2	2.2	1.3	24	100%
20	1.0	1.3	1.7	0.8	0.5	2.3	2.2	3.5	3.4	2.9	2.6	2.5	2.6	2.1	2.1	1.8	3.7	4.6	3.0	3.0	4.5	3.7	3.5	3.2	4.6	2.6	24	100%
21	3.1	2.7	3.0	2.8	2.3	2.0	2.3	3.4	3.3	2.4	1.3	1.6	2.6	4.2	4.4	4.1	3.7	4.6	3.7	3.1	2.7	2.7	2.4	2.3	4.6	2.9	24	100%
22	2.1	2.1	1.7	1.3	1.0	1.0	2.1	1.7	CALM	0.8	0.7	1.0	1.8	1.9	2.5	2.2	2.5	4.3	2.7	2.2	0.5	2.4	2.0	1.3	4.3	1.8	23	96%
23	1.5	1.4	1.7	1.3	CALM	1.0	1.7	1.3	1.7	0.8	0.8	2.2	2.5	2.1	3.1	2.4	2.9	3.0	3.2	3.6	3.0	2.2	4.2	2.4	4.2	2.2	23	96%
24	1.0	1.2	1.3	2.2	1.1	0.9	1.0	1.0	1.7	1.3	1.1	1.3	1.0	2.4	2.8	2.7	3.4	3.1	2.6	3.0	1.6	3.2	5.2	3.9	5.2	2.1	24	100%
25	3.5	3.6	3.4	2.5	1.4	CALM	1.2	1.6	2.8	2.1	1.6	1.8	1.6	1.5	1.9	2.2	2.3	1.2	0.8	1.9	1.5	2.1	1.9	1.3	3.6	2.0	23	96%
26	2.0	1.9	0.9	CALM	1.0	1.4	2.5	3.2	2.6	1.9	0.7	CALM	0.7	1.6	0.9	1.4	1.1	1.7	1.4	0.8	0.5	CALM	1.1	2.3	3.2	1.5	21	88%
27	2.7	1.9	2.1	1.7	0.9	CALM	CALM	1.3	1.8	1.9	1.6	0.7	CALM	CALM	1.5	1.0	CALM	0.7	0.6	1.3	1.2	1.7	0.7	CALM	2.7	1.4	18	75%
28	0.7	0.8	0.6	1.5	1.3	1.7	1.7	2.3	2.4	1.5	1.5	1.6	1.8	1.5	1.2	0.9	1.7	2.9	2.0	1.7	CALM	0.6	1.7	1.2	2.9	1.5	23	96%
29	1.6	1.5	CALM	0.8	1.7	1.3	1.1	0.6	CALM	CALM	0.6	CALM	1.2	CALM	0.9	0.9	0.7	0.6	CALM	0.6	1.7	1.7	0.7	1.7	1.7	1.1	18	75%
30	1.1	1.4	1.2	1.2	1.2	1.3	1.2	0.5	0.7	1.3	1.5	1.2	2.4	2.5	2.3	2.1	2.2	2.2	2.2	2.2	2.1	2.0	1.2	1.9	2.5	1.6	24	100%
31	1.7	2.1	2.1	1.7	1.1	0.8	0.8	1.7	1.7	1.7	1.5	2.0	1.9	1.4	1.4	CALM	1.0	1.0	0.6	0.7	0.6	CALM	1.1	1.7	2.1	1.4	22	92%
Max	4.1	5.1	5.1	4.3	3.7	3.8	4.6	5.8	6.2	6.0	5.8	5.1	3.9	4.2	4.4	4.1	6.0	5.4	4.9	5.4	5.7	5.5	5.2	4.3	710			
Ave	2.0	2.1	1.9	1.7	1.6	1.7	1.7	2.4	2.3	2.1	1.7	1.8	1.8	2.1	2.1	2.2	2.6	2.6	2.2	2.3	2.3	2.3	2.1	2.1	95.43%			
Count	31	29	30	29	28	27	30	30	29	30	29	27	30	29	31	30	30	31	30	31	29	29	31	30	31			

Overview Of Data Analysis To Create A Report: Monthly Report (PM 2.5 Graphs)

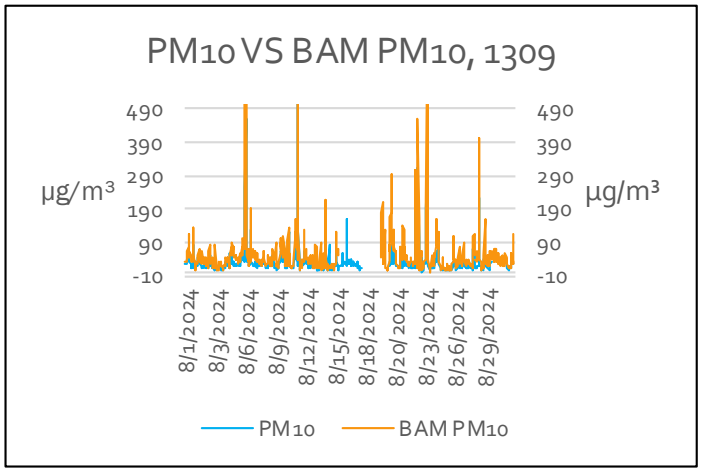


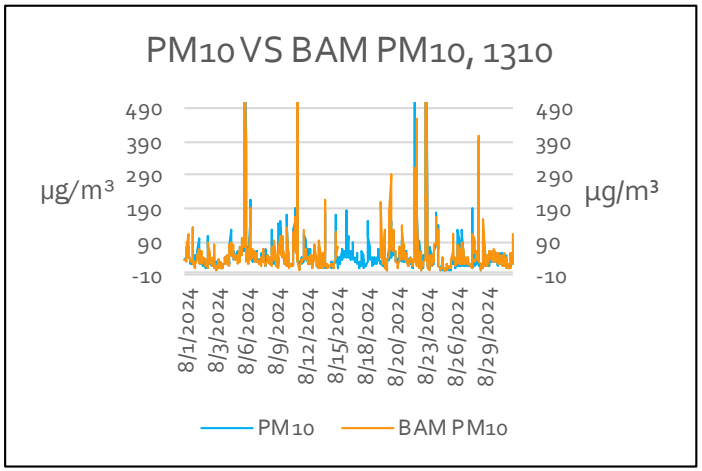


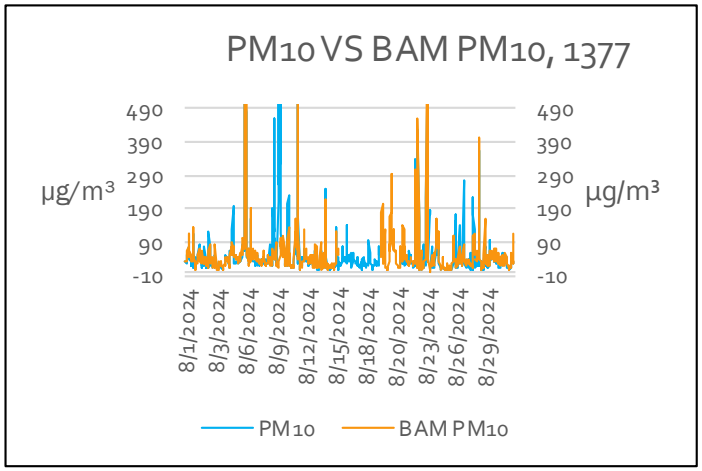


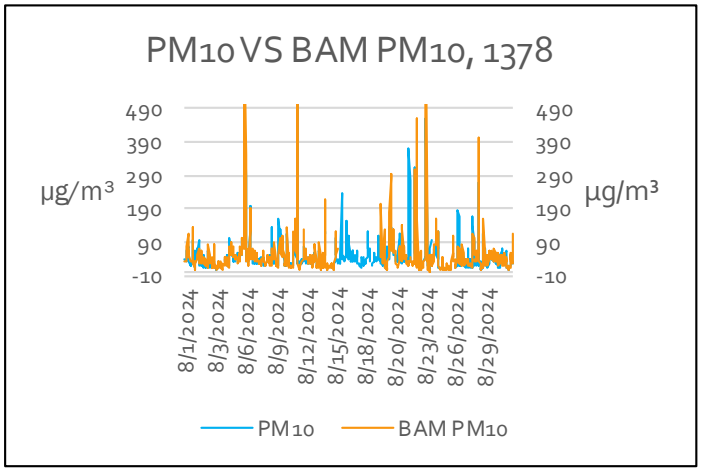


Overview Of Data Analysis To Create A Report: Monthly Report (PM 10 Graphs)

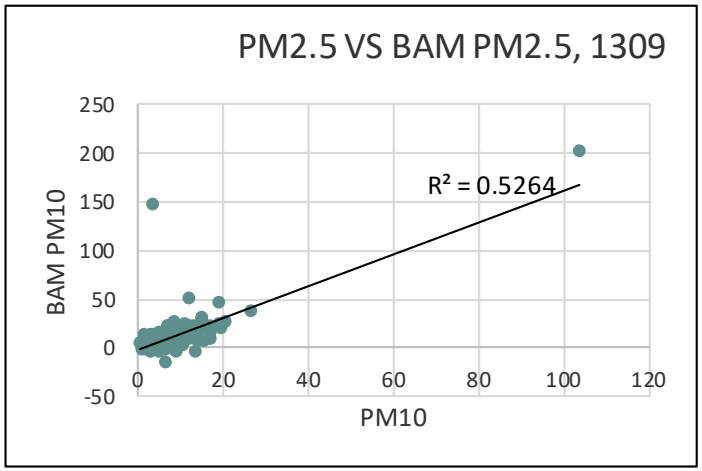


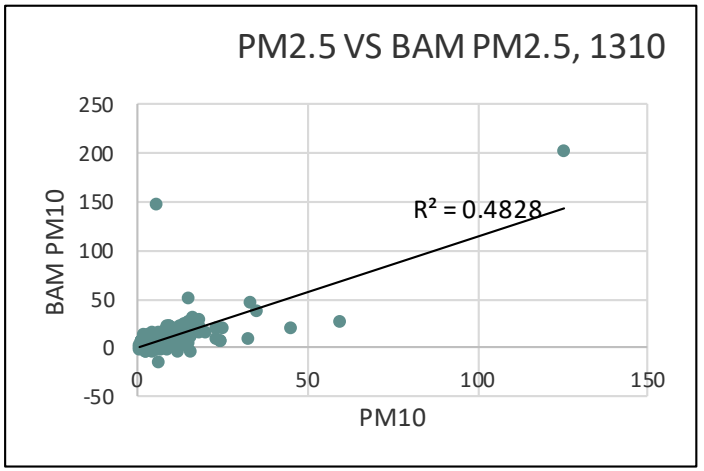


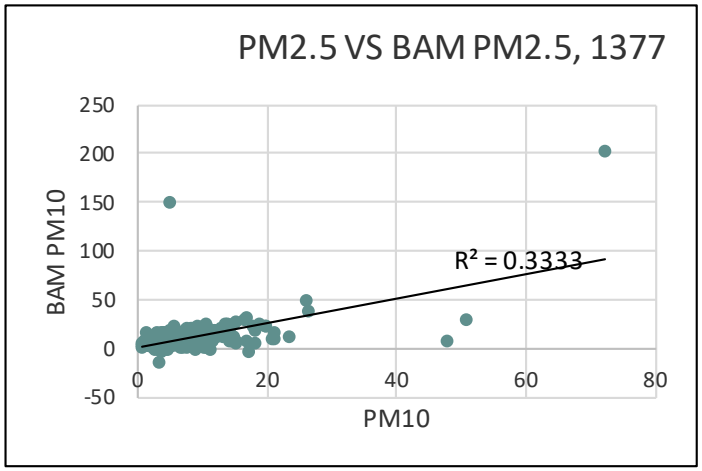


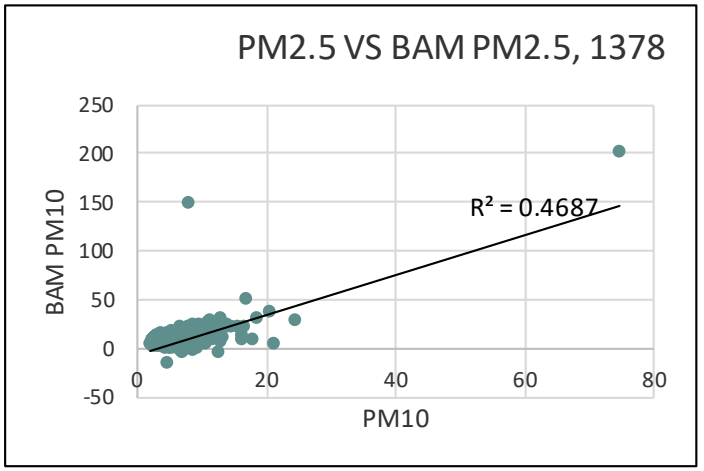


Overview Of Data Analysis To Create A Report: Monthly Report (Correlations)

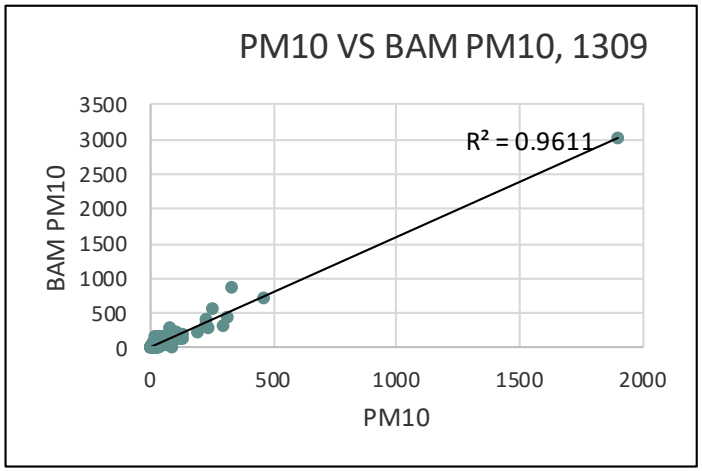


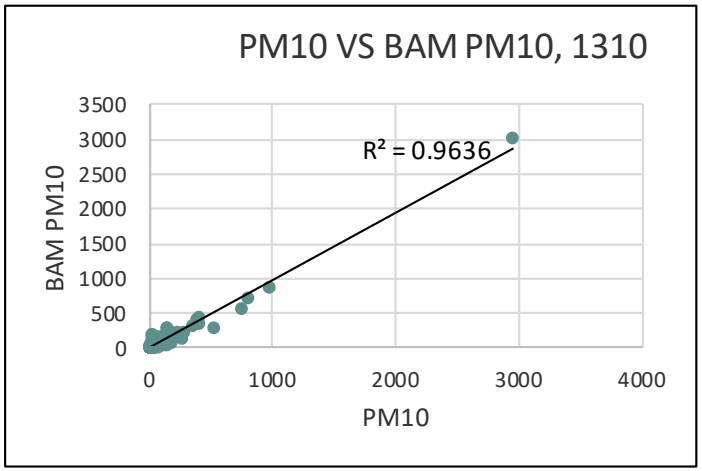


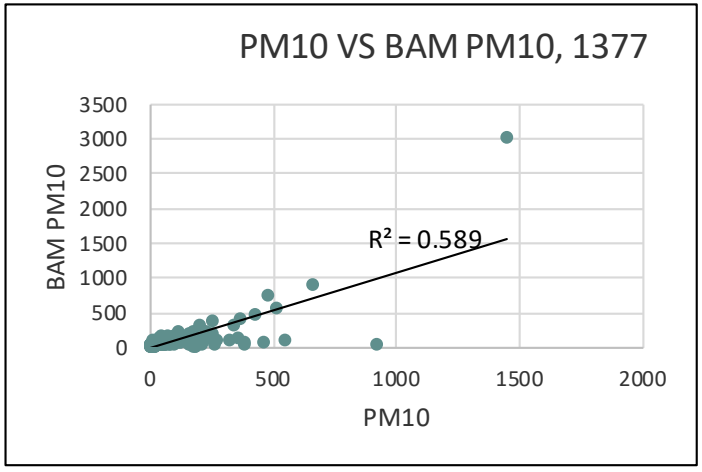


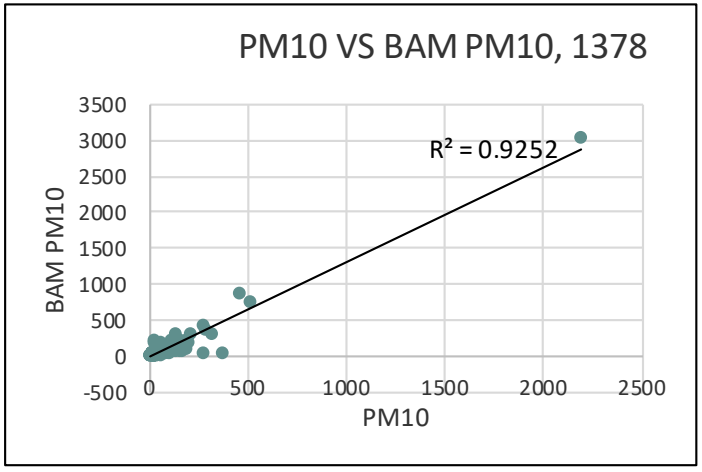


Overview Of Data Analysis To Create A Report: Monthly Report (Correlations)

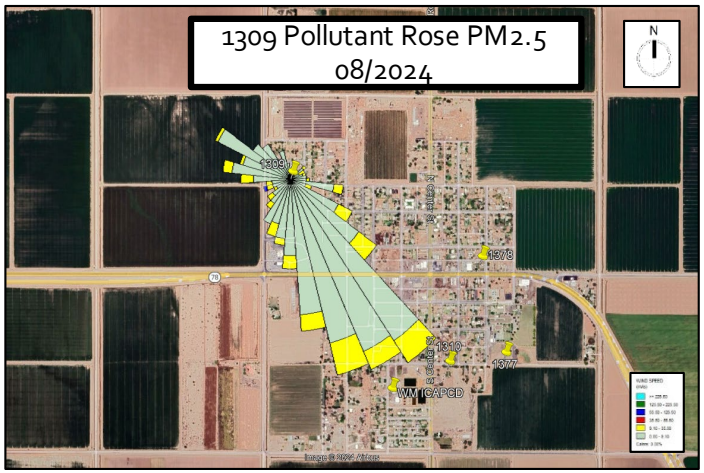


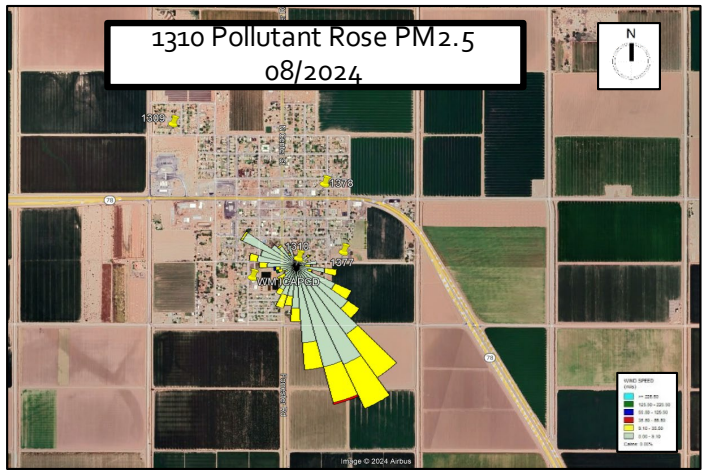


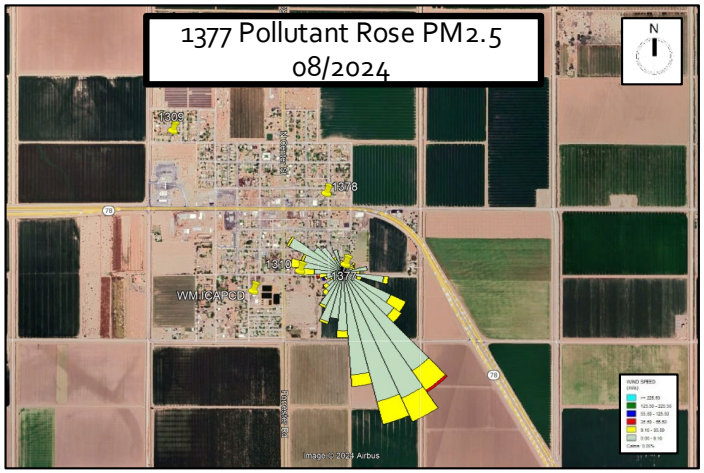


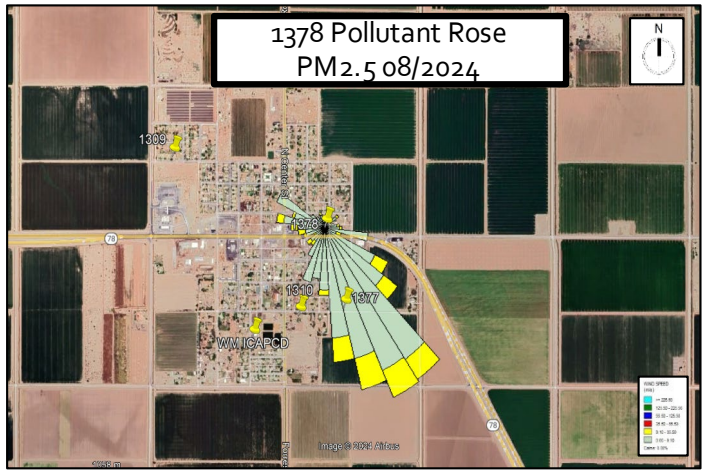


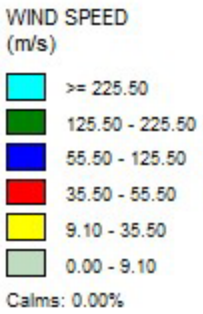
Overview Of Data Analysis To Create A Report: Monthly Report (Pollution Roses)



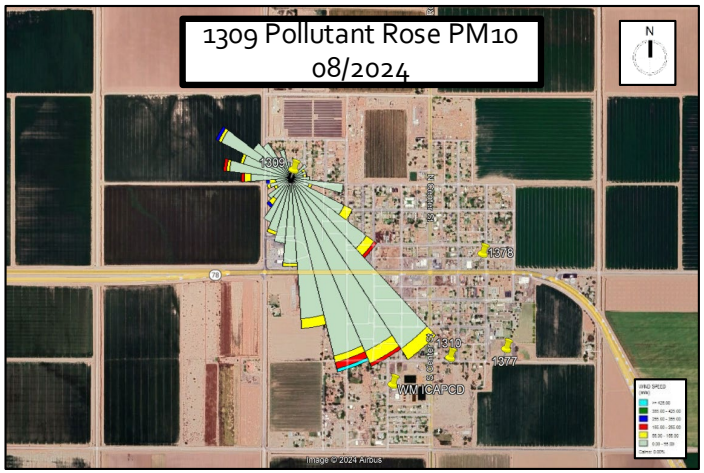


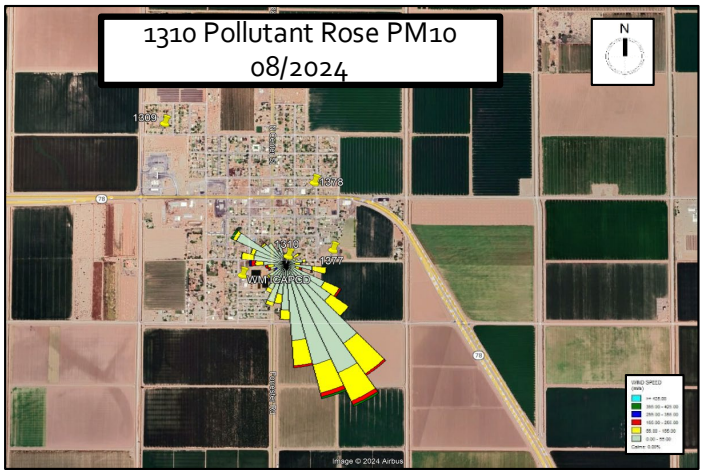


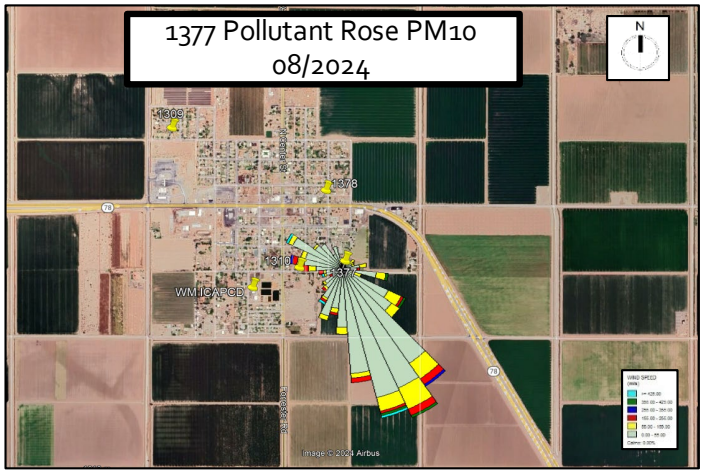


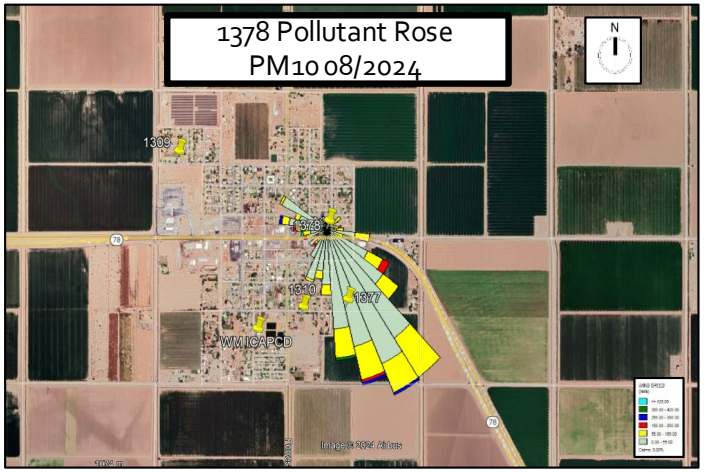


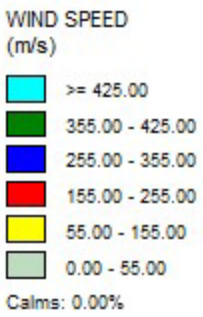
Overview Of Data Analysis To Create A Report: Monthly Report (Pollution Roses)











José Landeros

Senior Project Professional
jlanderos@scsengineers.com

Sergio Valenzuela

AQ Technician
svalenzuela@scsengineers.com