The Steering Committee selected four priority concerns.

- Need to increase air quality education and outreach efforts
- Emissions from Highway 99/traffic
- Increasing rates of asthma and respiratory problems in the community
- Emission impacts from businesses

1. Which months do you notice the worst air pollution impacts?

2. Is there anything else to consider when creating the monitoring schedule? (e.g. school schedule, outdoor season)
Air Monitoring Exercise Goal:

- Provide District with a recommendation on monitoring schedule deployment for Phase 2 and 3

Description of Monitoring

- One goal of Phase 2 is to collect information for the committee to determine the best location for Phase 3
  - Area with worst air quality
  - Considerations may include existing and new air quality information, community knowledge, other information
- Phase 2 will collect air toxics (particulate and gaseous) and black carbon data at six sites

Air Monitoring Exercise Considerations

- Phase 2 monitoring could begin in December 2019
- Anticipate the trailer will be ready in May 2020
- To compare sites with each other, all sites will sample during the same months
- Suggest up to 6 months of sampling for Phase 2
- 6 months of sampling do not have to be consecutive
- Sampling in different seasons can provide a more complete picture of air quality in the community
- District is providing handouts with:
  - Air quality data by month for:
    - PM2.5
    - Ozone
  - Emission inventory (summer/winter)
  - Air quality complaints by month
  - School and sports seasons (list of known school and sports seasons)
  - Wind roses (annual, winter, summer)
  - Map of Sacramento County’s regulatory air monitoring stations
Daily Average PM$_{2.5}$ Concentration
(2014-2018)
The graph below shows the emissions inventory in 2020 for Sacramento County for winter (November – February) and summer (May – September) for the following pollutants: Volatile Organic Compounds (VOCs), Oxides of Nitrogen (NO\textsubscript{x}) and Particulate Matter of 2.5 microns or less (PM\textsubscript{2.5}). Emissions are based on the data available for the county, not specifically for the South Sacramento-Florin Community.
Percentage of All Compliants in Sacramento County (2014-2018)
Total 3797 Compliants

- Woodstove Smoke
- Other Smoke
- Dust
- Idling/Exhaust
- Odor
- Others

Jan: 16%
Feb: 12%
Mar: 10%
Apr: 8%
May: 6%
Jun: 4%
Jul: 2%
Aug: 2%
Sep: 2%
Oct: 2%
Nov: 1%
Dec: 1%
Percentage of All Compliants in South Sacramento - Florin Community (2014-2018)
Total 112 Compliants
<table>
<thead>
<tr>
<th>Schools</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sacramento City Unified School District</td>
<td>8/29</td>
<td>6/11</td>
</tr>
<tr>
<td>Elk Grove Unified School District</td>
<td>8/15</td>
<td>5/29</td>
</tr>
<tr>
<td>Cosumnes River College</td>
<td>Year Round</td>
<td>Year Round</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>High School Sports</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Football</td>
<td>August</td>
</tr>
<tr>
<td>Baseball</td>
<td>February</td>
</tr>
<tr>
<td>Soccer</td>
<td>August</td>
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<tr>
<td>Cross County</td>
<td>August</td>
</tr>
<tr>
<td>Track and Field</td>
<td>February</td>
</tr>
<tr>
<td>Softball</td>
<td>February</td>
</tr>
<tr>
<td>Golf</td>
<td>August</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recreational League Sports</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AYSO Soccer Regular</td>
<td>August</td>
</tr>
<tr>
<td>AYSO Soccer Select Season</td>
<td>January</td>
</tr>
<tr>
<td>AYSO Soccer Adult Season</td>
<td>April</td>
</tr>
<tr>
<td>Sacramento Parks and Recreation Division Flag Football</td>
<td>September</td>
</tr>
<tr>
<td>Sacramento Youth Soccer League</td>
<td>September</td>
</tr>
<tr>
<td>Sacramento Parks and Recreation Junior Giants Baseball League</td>
<td>June</td>
</tr>
<tr>
<td>Florin Little League</td>
<td>April</td>
</tr>
</tbody>
</table>

Sports seasons are based on the competition season and may not include practice seasons.

School schedules are from school district or college websites.


School sports seasons are taken from schedules available from school athletics departments, and Recreational league seasons were obtained from league or Sacramento County websites.

- [https://www.facebook.com/florinlittleleague2014/](https://www.facebook.com/florinlittleleague2014/)
- [https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/JR-Giants](https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/JR-Giants)
- [https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/Middle-School-Sports-Fitness-and-Wellness](https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/Middle-School-Sports-Fitness-and-Wellness)
- [https://www.sysl.com/schedules](https://www.sysl.com/schedules)
## School Seasons

<table>
<thead>
<tr>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
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<tbody>
<tr>
<td>Sac City School District</td>
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<td>Cosumnes River College</td>
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</tbody>
</table>

Calendar does not include summer sessions

## Middle and High School Sports Seasons

<table>
<thead>
<tr>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
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<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
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</thead>
<tbody>
<tr>
<td>Soccer</td>
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<td>Baseball and Softball</td>
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Sports seasons do not include practice season.

## Recreational Sports Seasons

<table>
<thead>
<tr>
<th>January</th>
<th>February</th>
<th>March</th>
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<th>May</th>
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<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
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</thead>
<tbody>
<tr>
<td>AYSO Select</td>
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<tr>
<td>AYSO Adult</td>
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<tr>
<td>AYSO Regular</td>
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<tr>
<td>Florin Little League</td>
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<tr>
<td>Sac Parks and Rec Flag Football</td>
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<tr>
<td>Sac Parks and Rec Youth Soccer</td>
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</tr>
</tbody>
</table>

Sports seasons are based on the competition season and may not include practice seasons. School schedules are from school district or college websites.


School sports seasons are taken from schedules available from school athletics departments, Athletic.net, and Maxpreps.com. Recreational league seasons were obtained from league or Sacramento County websites.

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- [https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/JR-Giants](https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/JR-Giants)
- [https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/Middle-School-Sports-Fitness-and-Wellness](https://www.cityofsacramento.org/ParksandRec/Youth-Division/Youth-Sports-and-Summer-Programs/Middle-School-Sports-Fitness-and-Wellness)
- [https://www.sysl.com/schedules](https://www.sysl.com/schedules)
Figure 1 - Summer Windrose - Sacramento Executive Airport

Station: Sacramento Exec AP California
Latitude: 38° 30' 45" N
Longitude: 121° 29' 35" W
Elevation: 20 ft.
Element: Mean Wind Speed

Start Date: Nov. 1, 1987
End Date: Oct. 31, 2017
# of Days: 4590 of 10958
# of horizons: 89614 of 116180
Western Regional Climate Center
Figure 2 Winter Windrose - Sacramento Executive Airport

Station: Sacramento Exec AP California
Latitude: 38° 30' 45" N
Longitude: 121° 29' 33" W
Elevation: 20 ft.
Element: Mean Wind Speed

Start Date: Nov. 1, 1987
End Date: Oct. 31, 2017
# of Days: 3600 of 10958
# observations: 59230 of 86400
Western Regional Climate Center
Figure 3 Annual Windrose - Sacramento Executive Airport

Station: Sacramento Exec AP California
Latitude: 38° 30' 45" N
Longitude: 121° 29' 33" W
Elevation: 20 ft.
Element: Mean Wind Speed

Start Date: Nov. 1, 1987
End Date: Oct. 31, 2017
# of Days: 10688 of 10958
# of Days: 192224 of 260830
Western Regional Climate Center
Air Monitoring Station Name

A  Bercut Drive
B  Elk Grove-Bruceville
C  Folsom-Natoma
D  North Highland-Blackfoot Way
E  Sacramento-T Street
F  Sacramento-Branch Center
G  Sacramento-Del Paso Manor
H  Sloughouse

Sacramento Executive Airport

South Sacramento-Florin Community Boundary
Sacramento County Border
Freeway

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
<table>
<thead>
<tr>
<th>Question</th>
<th>December 2019</th>
<th>April 2020</th>
<th>August 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pick up to six months for the District to sample during Phase 2?</td>
<td></td>
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</tr>
<tr>
<td>(circle up to six months)</td>
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<tr>
<td>Do you prefer the trailer deployed:</td>
<td></td>
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</tr>
<tr>
<td>a) as soon as possible;</td>
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</tr>
<tr>
<td>b) when all the Phase 2 data is collected; or</td>
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<tr>
<td>c) somewhere in between?</td>
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</tr>
<tr>
<td>(pick one, explain c) answers to the right)</td>
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</tr>
<tr>
<td>Which month do you prefer for the trailer to be deployed?</td>
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<tr>
<td>Explain why this is your recommendation.</td>
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</tr>
</tbody>
</table>