

Trafalgar Road Fire (Stump Dump/Brown Tree Care) February 10, 2019

Twenty-four-hour monitoring period ending on Sunday, February 10, 2019

Air Quality Index Cautionary Statement:
Good – No cautionary statement

Fires and Your Health (<https://www.epa.gov/pm-pollution/fires-and-your-health>):

When smoke is present:

- If it looks smoky outside, it is a good idea to limit exertion (running, yardwork, playing) during outside activity.
- If you have asthma or other lung disease, you should follow your doctor's directions or asthma management plan
- Run your Heating, Ventilation and Air Conditioning (HVAC) system while keeping your air filter clean
- If you have heart or lung disease, if you are an older adult, or if you have a child, talk with your doctor about whether or when you should leave the area

Air Quality Index (AQI) Calculator (concentration to AQI):
<https://airnow.gov/index.cfm?action=airnow.calculator>

| Location | PM2.5 (24-hour average) | AQI | AQI Category |
|-----------------|----------------------------|-----|--------------|
| Damerham Lane | 7 $\mu\text{g}/\text{m}^3$ | 29 | Good |
| Sutherland Lane | 7 $\mu\text{g}/\text{m}^3$ | 29 | Good |
| Webb Lane | 5 $\mu\text{g}/\text{m}^3$ | 21 | Good |
| Lyneham Lane | 3 $\mu\text{g}/\text{m}^3$ | 13 | Good |

* PM Monitoring occurring at off-site locations only – Mary Ann Lane location not monitored for PM due to equipment malfunction – This location is adjacent to Bella Vista Fire Station where ADEQ is monitoring for PM

Trafalgar Road Fire (Stump Dump/Brown Tree Care) February 11, 2019

Twenty-four-hour monitoring period ending on Monday, February 11, 2019

Air Quality Index Cautionary Statement:

Good – No cautionary statement

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When smoke is present:

- If it looks smoky outside, it is a good idea to limit exertion (running, yardwork, playing) during outside activity
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Air Quality Index (AQI) Calculator (concentration to AQI):

<https://airnow.gov/index.cfm?action=airnow.calculator>

| Location | PM2.5 (24-hour average) | AQI | AQI Category |
|-----------------|-------------------------|-----|--------------|
| Damerham Lane | 4 µg/m ³ | 17 | Good |
| Sutherland Lane | 3 µg/m ³ | 13 | Good |
| Webb Lane | 4 µg/m ³ | 17 | Good |
| Lyneham Lane | 5 µg/m ³ | 21 | Good |

* PM - Monitoring occurring at off-site locations only.

Trafalgar Road Fire (Stump Dump/Brown Tree Care) February 12, 2019

Twenty-four-hour monitoring period ending on Tuesday, February 12, 2019

Air Quality Index Cautionary Statement:

Good – No cautionary statement

Fires and Your Health (<https://www.epa.gov/pm-pollution/fires-and-your-health>):

When smoke is present:

- If it looks smoky outside, it is a good idea to limit exertion (running, yardwork, playing) during outside activity.
- If you have asthma or other lung disease, you should follow your doctor's directions or asthma management plan
- Run your Heating, Ventilation and Air Conditioning (HVAC) system while keeping your air filter clean
- If you have heart or lung disease, if you are an older adult, or if you have a child, talk with your doctor about whether or when you should leave the area

Air Quality Index (AQI) Calculator (concentration to AQI):

<https://airnow.gov/index.cfm?action=airnow.calculator>

| Location | PM2.5 (24-hour average) | AQI | AQI Category |
|-----------------|-------------------------|-----|--------------|
| Damerham Lane | 5 g/m ³ | 21 | Good |
| Sutherland Lane | 9 g/m ³ | 38 | Good |
| Webb Lane | 0 g/m ³ | 0 | Good |
| Lyneham Lane | 0 g/m ³ | 0 | Good |

* PM Monitoring occurring at off-site locations only.