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## Air Pollution Precaution

The Environmental Protection Commission of Hillsborough County is issuing an Air Pollution PRECAUTION due to possible elevated levels of **Particulate Matter of 2.5 micrometers or less** caused by July 4<sup>th</sup> celebrations. This precautionary statement is effective **immediately**, today **07/03/2024**. There is a potential to reach unhealthy levels for sensitive groups.

Particulate Matter (PM) is one of the US EPA Criteria Air Pollutants and has an established National Ambient Air Quality Standard (NAAQS) based on health criteria. Particulate matter is the term for a mixture of solid particles and liquid droplets found in the air. Particulate matter can be defined as PM10 which are inhalable particles of 10 micrometers and smaller or PM2.5 which are inhalable particles of 2.5 micrometers and smaller. Particulate matter can be emitted directly from a source (construction sites, unpaved roads, fires, etc.) or can form in the atmosphere as a result of complex reactions of chemicals such as sulfur dioxide and nitrogen oxides. Additional information regarding Particulate Matter can be found at:

<https://www.epa.gov/pm-pollution>

Since there is a potential for high moderate levels with Air Quality Index values from **51 – 100**, unusually sensitive individuals, such as the elderly, children, and individuals with respiratory ailments may consider reducing prolonged or heavy exertion outdoors this afternoon and this evening. **This alert remains in effect until Friday, July 5<sup>th</sup>.**

If you have any questions or need further information, please call: The Environmental Protection Commission, Air Division **Jason Waters at (813) 627-2600 x1269.**

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