



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Air Quality Division Update

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Air Quality Division

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- Mission
- Priorities
 - Ozone
 - Information Technology
- Topics of Interest



Mission

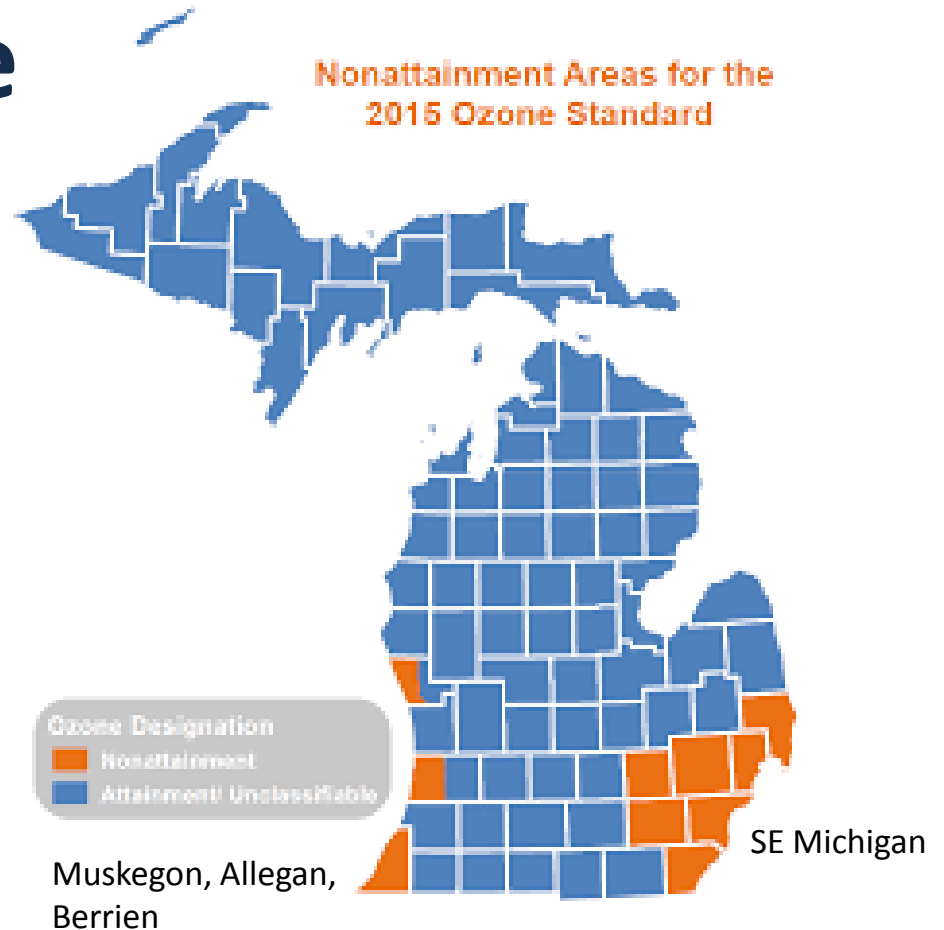
PROTECT MICHIGAN'S AIR

EGLE ensures Michigan's air remains clean by regulating sources of air pollutants to minimize adverse impact on human health and the environment.



Priority 1 – Ozone

Ozone Non-Attainment Areas in Michigan



All Michigan non-attainment areas currently designated as Marginal.

On-going Planning Efforts

- Control Strategy Stakeholder Groups
- Identification of additional candidate control measures
- Southeast Michigan HI-RES modeling platform development
- MOOSE Study
- Exceptional Events Evaluation
- 179B Evaluation

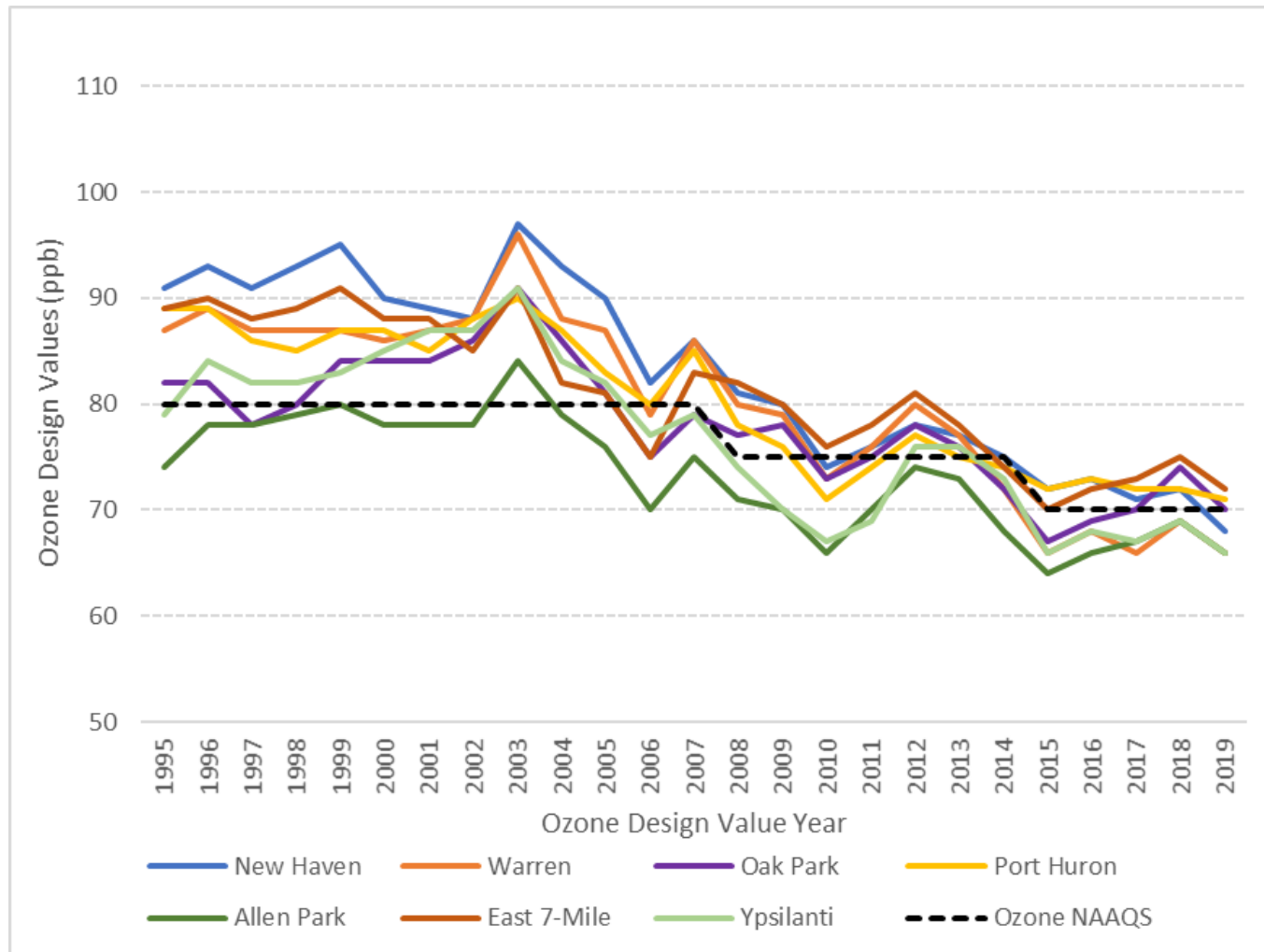
Control Strategy Considerations

- Formaldehyde / RACT
- Oil & Gas Methane Leaks
- Intermodal Transportation
- LADCO Contractor Control Measure White Papers
- Architectural and Industrial Coatings model rules
- Consumer Products model rules

Michigan-Ontario Ozone Source Experiment (MOOSE)

- Summer 2021 field study will deploy
 - Advanced remote sensing and mobile real-time monitoring techniques
 - Very high spatial and temporal resolution regional and micro-scale chemical transport models
- International / intergovernmental collaboration
 - United States: Michigan EGLE, USEPA, NASA, NOAA, USFS, LADCO
 - Canada: Environment and Climate Change Canada (ECCC), Ontario Ministry of Environment, Conservation, and Parks (MECP)

Southeast Michigan Design Values



Priority 2

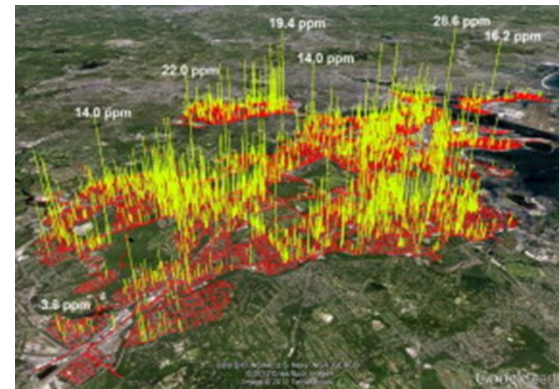
AQD IT Modernization Strategy

- AQD has several outdated databases
- Goal is to develop a comprehensive data system across multiple AQD business units
- Key Aspects -
 - Electronic submissions
 - External interface
 - Data reporting capabilities



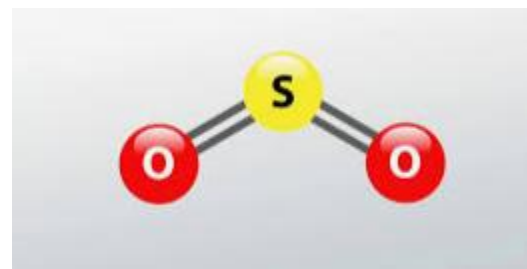
Other Topics of Interest

- SO2 Nonattainment
- Per- and polyfluoroalkyl substances (PFAS)
- Methane from Landfills
- COVID-19



Sulfur Dioxide Nonattainment

- Wayne County
 - Partial approval/partial disapproval
 - Federal Register notice from 9/18/20
- St Clair County
 - Weight of Evidence submittal October 2020



PFAS Highlights

- PFAS and Deposition
 - Potential Sources
- PFAS Testing Methodology
- PFAS Destruction/Incineration
- PFAS Working Draft Description



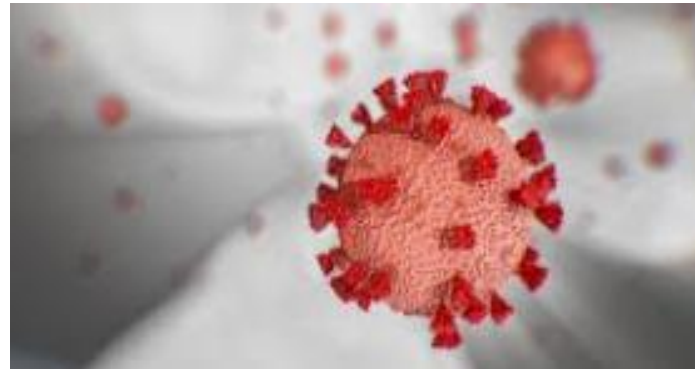
Methane

- Evaluate as part of nonattainment Control Strategy Effort
- Initiative to understand and control leaks from landfills
 - SEM5000
 - Surveys



COVID-19 and Work Impacts

- Teleworking
- Safety
- Enforcement Discretion Process
- Virtual Inspections



Questions?

