SCAQMD’s AB2588 Updates

Enforcement, Engineering, and Toxics Symposium
November 8, 2017
Rule 1402 Updates

• Rule 1402 Amendments approved on October 7, 2016
• Included a Voluntary Risk Reduction Program
  – 60% greater risk reduction (10 per million instead of 25 per million)
  – Achieves risk reduction faster than traditional program
  – Modified Public Notification – post on SCAQMD’s website, include in AB2588 Annual Report, no public meetings
• Maintained Health Risk Thresholds
Rule 1402 Updates (concluded)

• Added Provision for Potentially High Risk Level Facilities
  – Facilities which exceed the Significant Risk Level (100 per million or Acute or Chronic HI of 5.0)
  – Requires an Early Action Risk Reduction Plan
  – Requires concurrent submittal of ATIR, HRA, and RRP

• Reduced risk reduction implementation timeframes
  – 2.5 years with one 2.5 year extension, instead of 3 years with multiple extensions
Rule 1401 Updates

• Rule 1401 Amendments approved on September 1, 2017
• Removed previous exemptions for gasoline dispensing facilities and spray booths
• All permitted sources are required to use Risk Assessment Procedures Version 8.1 which incorporates the 2015 OEHHA HRA Guidelines and updated meteorological data – Risk Assessment Calculator
• Table I list of air toxics updated
Meteorological Data Updates

- AERMOD-ready meteorological data from a total of 24 SCAQMD monitoring stations and ASOS stations in the Basin
- Processed for the years of 2010 – 2016, with the most recent 5 years of data that have passed quality assurance being provided for each station
- Incorporated climatological precipitation data into yearly moisture conditions for AERSURFACE
- Meteorological data processed with the ADJ_U* option is available
Meteorological Data Website Updates

• Data updates include:
  – AERMOD-ready meteorological data (version 9)
  – Removal of ISCST3-ready meteorological data
  – AERMOD-ready hourly ozone data (by month by hour)

• Guidance updates include:
  – NO₂ Tier 2: In keeping with the U.S. EPA’s Appendix W, ARM will no longer be accepted starting October 1, 2017. Instead, modelers should use the ARM2 option in AERMOD.
  – Submittal requirements are now listed
  – New section on shoreline fumigation and inversion break-up for coastal sources
Questions