



Breakout Session Report Out

Mobile Source Modeling

EPA RSL Workshop

U.S. EPA / OAQPS / Air Quality Modeling Group

Wednesday, June 23, 2021

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Mobile Source Modeling Breakout Summary

- Open-ended session based on requests from SL survey for agenda topics
- Discussed the application of the 5-m receptor distance and interplay with the volume source exclusion zone
 - Standard hot-spot analyses place receptors 5-m from the edge of the traveled way
 - If volume sources are placed more than 8-m apart, receptors can end up in the exclusion zone can
- There is a draft tool, GIS to AERMOD, that can assist in creating the AERMOD input file
 - FHWA sponsored project
 - Converting Roadway GIS Layer to AERMOD Geometry for Refined PM Project-level Modeling, PI: Dr. Haobing Liu (CCEE)
- A couple of states were looking at using RLINE for quarry haul roads
- We discussed briefly the pathway forward for the URBAN option w/ RLINE
- ~100 attendees