CMAQ Emissions Reduction Performance Measure

June 26, 2018
CMAQ Emission Reduction TPM

• **Requirement:**
  – Develop 2- and 4-year targets for NOx and VOC emission reductions achieved from CMAQ-funded transportation projects.
  – CMAQ: Congestion Mitigation and Air Quality Improvement Program

• **Recommendation:**
  – Adopt MDOT-developed targets for the Baltimore region:

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2-Year Targets (2018-2019)</th>
<th>4-Year Targets (2018-2021)</th>
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</thead>
<tbody>
<tr>
<td>Reduction of VOC (kg/day)</td>
<td>6.59</td>
<td>7.87</td>
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<tr>
<td>Reduction of NOx (kg/day)</td>
<td>88.57</td>
<td>123.39</td>
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</tbody>
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CMAQ Emissions TPM - Background

- Performance Period: 10/1/2017 to 9/30/2021
- MPOs can adopt state target or establish their own
- MDOT targets due 5/20/2018; MPO targets due 180 days later
- MDOT target development:
  - 2 methodologies: SHA and MTA projects
  - SHA: looked at average reductions in previous 4 years and projected them into future years
  - MTA: estimated reductions from programmed MTA bus replacements
For More Information

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