

# **Appendix D:**

## **Caroline County Ozone Advance Action Plan**

### **Annual Report**

## Appendix D: Caroline County Ozone Advance Action Plan Annual Report

| Control Program   | Stakeholders           | Time Frame                                     | Milestones  | Feedback & Comments |
|---|------------------------|--|---|---------------------|
| <b>Fredericksburg Area Metropolitan Planning Organization</b> |                        |  |   |                     |
| CMAQ Projects   | FAMPO                  | 2012-2018                                      | <ul style="list-style-type: none"> <li>• Programs initiated?</li> </ul>   |                     |
| GWRideConnect   | FAMPO<br>GWRideConnect | On going                                       | <ul style="list-style-type: none"> <li>• VMT avoided annually</li> <li>• Vehicle trips avoided annually</li> <li>• Vanpools formed</li> </ul>           |                     |
| <b>Fort A.P. Hill</b>   |                        |  |   |                     |
| Energy Efficiency/Renewable Energy                            | A.P. Hill              | On going                                       | <ul style="list-style-type: none"> <li>• LEED certifications?</li> <li>• Fuel usage?</li> </ul>   |                     |
| Emissions Impact  | A.P. Hill              | On going                                       | <ul style="list-style-type: none"> <li>• Annual emissions estimates</li> </ul>  |                     |
| <b>Virginia Department of Environmental Quality</b>           |                        |  |   |                     |
| Expansion of ORE  | VDEQ                   | Full Implementation: 2014                      | <ul style="list-style-type: none"> <li>• Program implemented?</li> </ul>  |                     |
| <b>DMME-Division of Energy</b>                                |                        |  |   |                     |
| VEMP  | DMME                   | Ongoing through 2020                           | <ul style="list-style-type: none"> <li>• SF of public buildings retrofitted?</li> <li>• Private capital deployed?</li> <li>• Energy savings?</li> </ul> |                     |
| Energize Virginia   | DMME                   | 2011-2016                                      | <ul style="list-style-type: none"> <li>• Funds awarded?</li> <li>• Programs to be implemented?</li> </ul>   |                     |
| <b>Virginia Clean Cities</b>                                  |                        |  |   |                     |
| Virginia Get Ready  | VCC                    | Ongoing  | <ul style="list-style-type: none"> <li>• Program ongoing?</li> </ul>  |                     |
| Propane Autogas Program                                       | VCC                    | Ongoing  | <ul style="list-style-type: none"> <li>• Program ongoing?</li> </ul>  |                     |
| <b>Regional Reductions</b>                                    |                        |  |   |                     |
| Honeywell SCR Installation                                    | VDEQ                   | 12/2012 through 06/2019                        | <ul style="list-style-type: none"> <li>• # of SCR installed?</li> <li>• Annual emissions of NO<sub>x</sub>?</li> </ul>                                  |                     |
| Invista Powerhouse Project                                    | VDEQ                   | Estimated construction completion date of 2014 | <ul style="list-style-type: none"> <li>• Construction begun?</li> <li>• New units operational?</li> <li>• Coal units retired?</li> </ul>                |                     |
| Celco Powerhouse Project                                      | VDEQ                   | Estimated construction completion date of 2015 | <ul style="list-style-type: none"> <li>• Construction begun?</li> <li>• New units operational?</li> <li>• Coal units retired?</li> </ul>                |                     |

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|---|---------------------|-------------------|---|--------------------------------|
| Generating unit retrofits and fuel switches | Dominion            | 2013-2016         | <ul style="list-style-type: none"> <li>• Facilities converted to gas or biomass?</li> <li>• Facilities retired?</li> <li>• Facilities retrofitted?</li> </ul> |                                |
| <i>Other</i>                                |                     |                   |   |                                |
|   |                     |                   |   |                                |
|   |                     |                   |   |                                |
|   |                     |                   |   |                                |
|   |                     |                   |   |                                |