

**Chesapeake Bay Program Partnership Requests for  
STAC Sponsored Independent Scientific Peer Reviews: 2014-2016**

Approved by CBP STAC on March 12, 2015

Updated: November 30, 2016

| <b>CBP Sponsor</b>   | <b>Topic</b>   | <b>Timeline</b>         | <b>Status</b>              |
|--|--|-------------------------|----------------------------|
| Water Quality Goal Implementation Team (WQGIT)   | Corps of Engineer's Draft Lower Susquehanna River Watershed Assessment Report                                      | Complete                | Complete                   |
| Scientific, Technical, Assessment and Reporting Team's (STAR) Criteria Assessment Procedures Workgroup | 2015 Chesapeake Bay Criteria Addendum  | November 2016           | In progress                |
| WQGIT's Watershed Technical Workgroup  | Chesapeake Bay Scenario Builder/Nutrient Input Approach  | Complete                | Complete<br>Released 10/10 |
| STAR's Criteria Assessment Procedures Workgroup  | Proposed revised James River chlorophyll <i>a</i> water quality criteria   | Complete                | Complete<br>Released 11/7  |
| STAR's Modeling Workgroup  | Phase 6 Chesapeake Bay Watershed Model <sup>1</sup>  | October – December 2016 | In progress                |
| STAR's Integrated Trend Analysis Team  | General Additive Models (GAMs) to estuarine WQ trend analysis and explanations                                     | December 20, 2016       | In progress                |
|  | Application of WRTDS to watershed WQ trend analysis and explanations   | (Spring 2017)           | TBA                        |
| STAR's Modeling Workgroup  | Chesapeake Bay Water Quality/Sediment Transport Model (WQSTM) <sup>2</sup>   | January – February 2017 | Request received           |
| STAR's Climate Change Workgroup  | Approach being taken to factor climate change considerations into the 2017 Chesapeake Bay TMDL Midpoint Assessment | TBA                     | TBA                        |
| WQGIT's Land Use Workgroup   | Phase 6 Land Use Hind Cast Methodology   | (January 2017)          | TBA                        |

<sup>1</sup> Review will include the Chesapeake Assessment Scenario Tool (CAST) and the James River watershed model.

<sup>2</sup> Review will include the shallow water model, climate change simulation enhancements to the WQSTM, and the James River estuarine water quality/harmful algal blooms model (including proposed approach to linking with the CBP WQSTM).