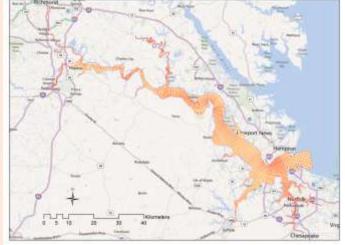
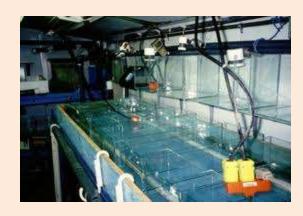
James River CHLa Study – 2014 Fall Review









Science Advisory Panel

- Met April to evaluate results from 2012-2013 data collection activities, & review progress in modeling effort
- Data analysis underway
 - Balanced algal community
 - Water quality metrics (DO, pH, Kd, toxins)
- Report preliminary findings at Fall meeting (Nov)

Other Activities

- Stackholder Advisory Group Sept 15
- WQGIT Oct 8th



JR Chl-a Study

Science Advisory Panel Reports for 2012 & 2013 now available

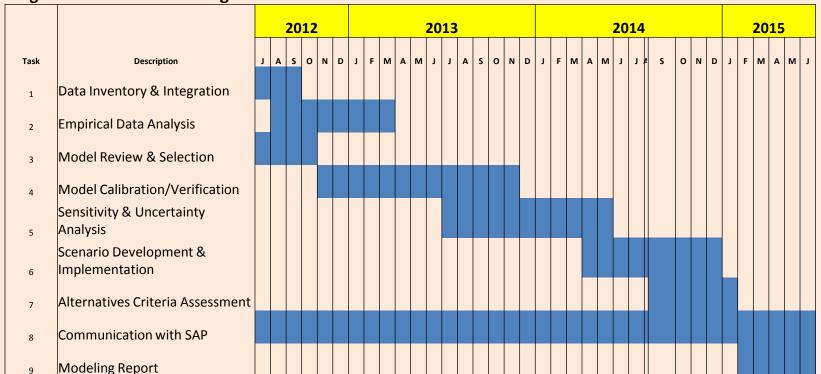
http://www.deq.virginia.gov/Programs/Water/WaterQualityInformationTMDLs/WaterQualityStandards/NutrientCriteriaDevelopment.aspx#James R CHLa Study

Modeling efforts extended thru end of 2015 to include the 2011-2013 data (report pending)

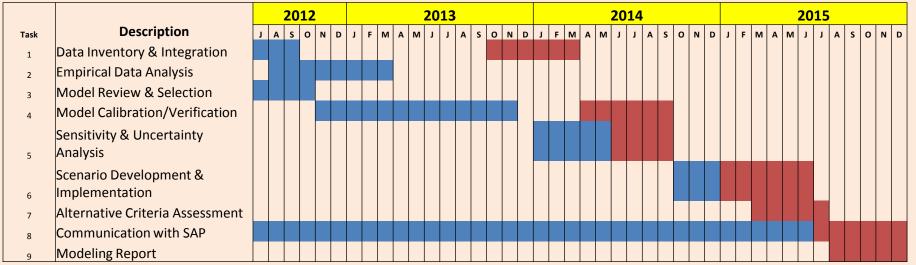
Report on empirical relationships between harmful algal blooms and potential impacts to the aquatic life - due end of this year

Scientific Study Report summarizing the Panel findings - due mid-2015

Original Schedule - Modeling



Modified Schedule - 2011-13 Data



JR Chl-a Study Schedule

2011	Workplan Developed
	Notice of Intended Regulatory Action
	(NOIRA)
2012	Workplan Implementation
2012-14	Monitoring and Modeling
2015	Science Panel Criteria Recommendations
	EPA/STAC criteria review, and
	JR Model TMDL Scenarios
2016	Develop Regulatory Proposal (if appropriate)
	EPA/STAC Model Review
2017	Complete Regulatory Review & WIP
	considerations