

DRAFT AGENDA
AD HOC ADVISORY COMMITTEE
CHESAPEAKE BAY AND TIDAL TRIBUTARIES WQS
JANUARY 28, 2004

- Welcome and Introductions
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- Overview/Summary
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- Comments Received During Notice of Intent
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- LUNCH
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- Specific Issues related to the Migratory, Open , Deep, Channel Designated Uses and the Dissolved Oxygen Criteria that Protects these Uses:

Discussion of deep channel use, boundaries and criteria.

- Do we accept the concepts presented in the TSD that deeper habitats are existing uses and the UAA information presented in the TSD to support the subcategorization and seasonal use change in the deeper habitats?
- Are the deep channel use definition and boundaries acceptable?
- Are the criteria appropriate (instantaneous 1 mg/L June 1 - Sept. 30) (use slide showing DU description i.e excerpt from Table IV-4 from TSD maybe with map to the side. Seasonal and that this use does constitute a UAA. Show boundaries (middle Rapp., Eliz. R. - may have a discussion about why the Eliz River branches are not included in deep channel)

Discussion of deep water use, boundaries and criteria.

- Are the deep channel use definition and boundaries acceptable?
- Should the deep water use boundaries be delineated bay wide as an area below the pycnocline or should a horizontal boundary be included with the deeper waters below the pycnocline to limit the horizontal extent of these deeper waters (which would result in no deeper water uses in some parts of the Bay regardless of pycnocline presence)? Review Hunley, Bell and Pletl issue paper on deep water uses.
- Are the criteria appropriate (3 mg/L 30-day mean, 2.3 mg/L 1-day mean, 1.7 mg/L instantaneous)? Do we need all these criteria? How will these averaging periods work with existing monitoring and permitting programs?

Discussion of open water use, boundaries and criteria.

- Are the open water use definition and boundaries acceptable?
- Are the criteria appropriate and attainable (30-day mean 5.5 mg/L (0 - 0.5 salinity), 30-day mean 5 mg/L (>.5 salinity), 7-day mean 4 mg/L, instantaneous minimum 3.2 mg/L) ?

- How will these averaging periods work with existing monitoring and permitting programs?

Discussion of migratory fish spawning and nursery use, boundaries and criteria.

- Are the migratory fish spawning and nursery use definition and boundaries acceptable?
- Are the criteria appropriate and attainable 7-day mean 6 mg/L (0 - 0.5 salinity) and instantaneous minimum 5 mg/L)?
- How will these averaging periods work with existing monitoring and permitting programs?
- How will these more stringent criteria affect BOD limits in permits?

(slide showing DU description i.e excerpt from Table IV-4 from TSD maybe with map to the side. Remind them of the seasonal nature and that this use does not constitute a UAA. Then look at boundaries and start with detail map of the lower boundary in the James - the upper boundary is the fall line. Before meeting compare to DGIF map. May lead to a discussion of potential vs. actual spawning areas - but I'd rather just stick with EPAs boundaries and ask VMRC or DGIF if OK. VMRC will be at the meeting.) show slide of criteria 5.0 and 6.0 7-day average. Bone up on what they looked at to develop these criteria - will likely lead to VAMWA's comments on the technical basis of the instantaneous minimum of 5.0. Get attainment data - might already be in TSD)

Discussion of Mattaponi and Pamunkey naturally low dissolved oxygen due to extensive tidal wetlands

- Discussion of attainability of open water and migratory use criteria
- Discussion of issue papers and how to approach problems (e.g. with a site-specific criterion?)
- Discussion of other approaches (e.g. not applying some of the more stringent averaging periods, e.g. 6.0 7-day mean during migratory season or 30-day 5.5 mean. would leave us with a inst. min of 5 during migratory and 3.2 rest of year)