

2020 LMD Biological Workgroup Meeting Agenda for May 9th 2017

1:00-4:00 PM

Nightingale Creek Conference Room
Lewis and Clark State Office Building
1101 Riverside Dr. Jefferson City, MO 65101

- Biological Assessments
 - Stakeholder Request
- Discuss draft flow charts for potential assessment of streams for impairments
 - TOC discussion – variability concerns
 - Make decision on use of flow charts
- Discuss Assessment Worksheets where small number of samples have TOC data
- PAHs
 - Move to total PAHs instead of listing for individual PAHs (*Assuming biology shows impairment)
 - If <34 PAHs available
 - Geomean >150% PEC – Impaired for Total PAHs
 - Geomean is between 100 - 150% PEC – Impaired for Biology/Unknown; Target for additional sampling using 34 PAH analysis
 - Geomean is < 100% PEC – Impaired for Biology/Unknown; Target for additional sampling
 - If 34 PAHs are available
 - Geomean >150% PEC – Impaired for Total PAHs
 - Geomean <150% PEC – Impaired for Biology/Unknown; Target for additional sampling
- PECs are based on sediment samples that has been sieved to less than 2mm.
 - Should we move to using only sieved sediment samples?
- No change to assessment using PEQs with WOE.
- Toxicity Test requirements/constraints
 - Discuss LMD Requirements

- Sediment analysis for contaminants of concern must accompany any toxicity test (i.e. if suspected metals or PAH contamination then sediment analysis should include those parameters)
- Acute and/or Chronic tests accepted
- Additional Stakeholder Concerns

*If you wish to discuss any of these items before the meeting please give Robert Voss a call or e-mail.
(573-522-4505; Robert.Voss@dnr.mo.gov)