Mid-Coast Bacteria TMDL: Fourteenth TWG Meeting

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Meeting Objectives

Action item information from Oct 2014 Meeting

- Big Elk Creek
  - Near stream structures buffer distance =
  - Other livestock sub-group
  - Cattle sub-group
  - CAFO information
- Beaches
  - Edits to form
  - Beta testers

Load Duration Curves

- LDC Method – Refresher
- Overview of results packet
- Currently listed waters related to LDC
- Discuss results packets for listed waters
- Waters not listed with observed concentration at or above criterion
- Next steps

Load Duration Curve Method - Refresher

- Review following topics to refresh the TWG members memory, one slide for each item below
- How it's calculated
- How it's used
- What flow data information adds
- Observed concentrations at or above the criterion will have loads above the criterion load no matter what the flow!
- Pull content from previous presentations

Load Duration Curves - Overview of results packet

- Total of ## observed concentrations used
- 46 out of 93 stations with reductions
- 13 out of 15 basins in the Mid-Coast with reductions

- **Map** of stations watersheds with reductions and background of mid-coast basins and all stations watersheds assessed

Load Duration Curves - Overview of results packet

- ## out of 46 stations with reductions had adequate data

- **Map** of stations watersheds with reductions that had adequate data and background of mid-coast basins and all stations watersheds assessed

Load Duration Curves - Overview of results packet

- ## out of ## stations with reductions and adequate data had Agricultural Activities and a potential source
- **Map** of stations watersheds with reductions and adequate data that had ag of some kind as a source and background of mid-coast basins and all stations watersheds assessed

Load Duration Curves - Overview of results packet

- ## out of ## stations with reductions and adequate data had On-site as a potential source

- **Map** of stations watersheds with reductions and adequate data that had on-site of some kind as a source and background of mid-coast basins and all stations watersheds assessed

Load Duration Curves - Overview of results packet

- ## out of ## stations with reductions and adequate data had Stormwater runoff as a potential source

- **Map** of stations watersheds with reductions and adequate data that had storm water runoff of some kind as a source and background of mid-coast basins and all stations watersheds assessed

Load Duration Curves – Currently Listed Waters

- Shellfish growing
- Water contact recreation

- **Map** of reaches indentified as water quality limited for bacteria in the 2012 303d Integrated Report and the watersheds with reductions and adequate data

Load Duration Curves – Priority Approach

- On 2012 list of impaired waters
- On-site systems a potential source
- Shellfish growing impacted
- Current restoration work
- Available resources
- Stakeholder support
- …Suggestions

Load Duration Curves – Discussion

- Salmon River
- Yachats River

- Map of Mid-Coast Basin with both river basin boundaries highlighted

Load Duration Curves – Salmon River

- Describe listing
- Map with impairment shown

Load Duration Curves – Salmon River

- Describe Approach
  - Estuary method
  - pull slides from previous presentations
- Address both direct estuary loads and upstream loads to estuary

Load Duration Curves – Salmon River

- Present Result packet review
- Max reduction in watershed
- Potential sources identified
- Map of watershed with stations

Load Duration Curves – Salmon River

- Result packet review for station
  (slide for each of 9 stations)
- Max reduction in watershed
- Potential sources identified
- Adequacy of data set
- Map of watershed with stations and current station watershed highlighted

Load Duration Curves – Salmon River

- What's next
- Conduct analysis for estuary
- Determine potential load reductions from upstream areas to meet load reduction for estuary
- Indentify DMAs

Load Duration Curves – Yachats River

- Describe listings
- Map with impairments shown

Load Duration Curves – Yachats River

- Present Result packet review
- Max reduction in watershed
- Potential sources identified
- Map of watershed with stations

Load Duration Curves – Yachats River

- Result packet review for station
  (slide for each of 11 stations)
- Max reduction in watershed
- Potential sources identified
- Adequacy of data set
- Map of watershed with stations and current station watershed highlighted

Load Duration Curves – Yachats River

- What's next
- Determine potential load reductions
- Indentify DMAs

Beaches

- Update TWG on changes made to form
- Remind TWG that we are seeking feedback
- Update TWG about the amount of responses so far
- Currently listed beaches
- Basis for listing beaches
- Next steps
- Total of 5-10 slides

Watershed Modeling

- General description of current status
- Extension of meteorological data time-period
- Inclusion of new water quality data
- Total of 10-12 slides

Next Steps