

HILLEBRANDT BAYOU AND NECHES TIDAL PROJECT DISCUSSION

Michael Schramm - Texas Water Resources Institute
August 22, 2019

Discussion

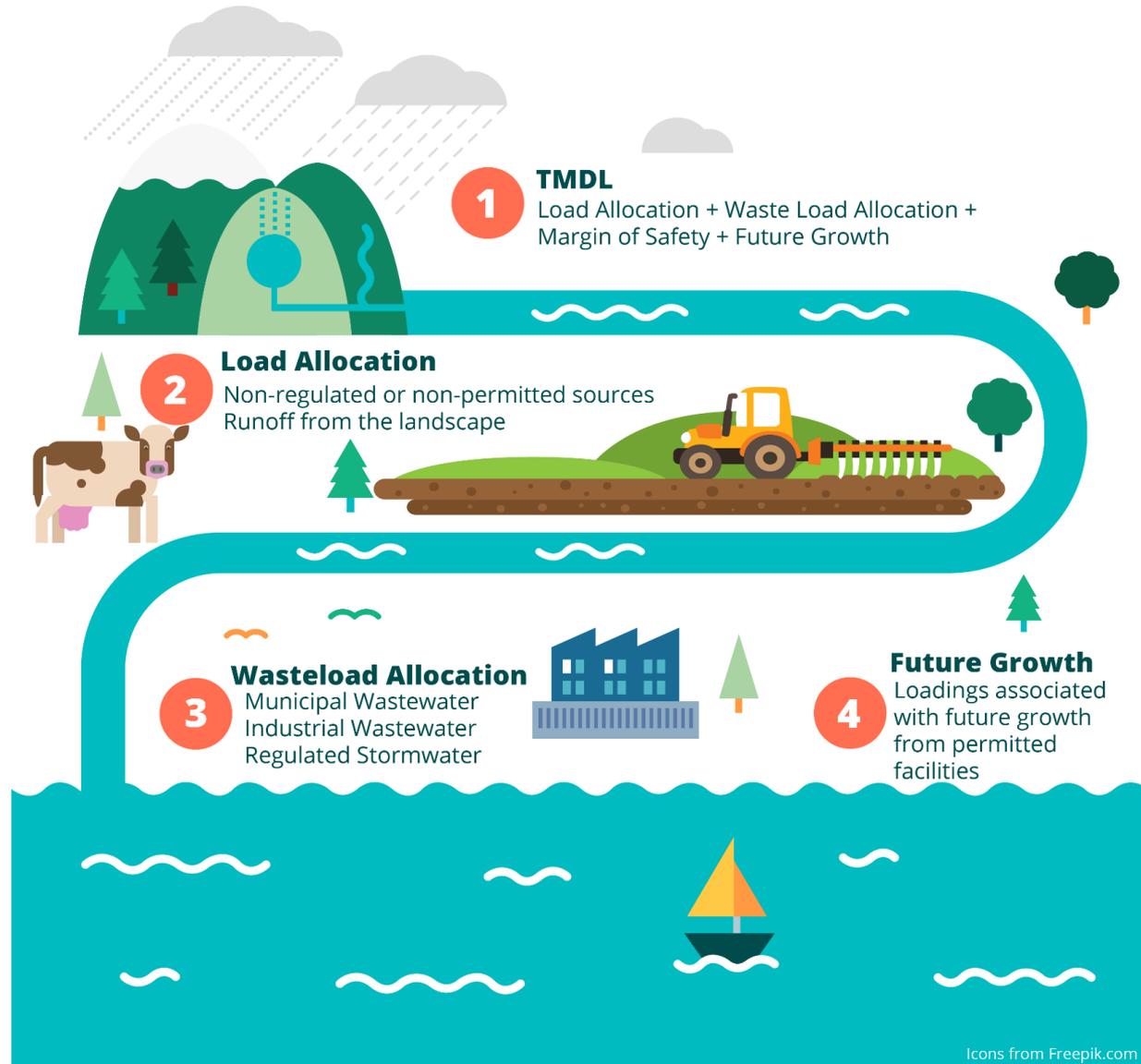
- Finalize Technical Support Documents (flow estimation, FDCs and LDCs)
- Initiate stakeholder meetings and workshops:
 - Identify desired path forward
 - Develop appropriate stakeholder structures and workgroups
 - Facilitate meetings and provide technical support
 - Coordinate delivery or education and outreach events
- Outcomes:
 - Multi-sector stakeholder group
 - Management Measures and Control Actions to achieve load reductions
 - Timeline and schedule for implementation
 - Measures of success and progress
 - Documentation in TMDL I-Plan or Watershed Protection Plan as appropriate

TMDL

- The TMDL is a document submitted to EPA to fulfill requirements of the Clean Water Act. TMDLs identify the pollutant of concern, potential sources, and allocates the allowable load.

Implementation Plan

- Accompanies a TMDL
- Outlines steps and schedules for reducing a pollutant load in the waterbody covered by the TMDL.
- Management measures and control actions identified in the I-Plan are developed by local stakeholders.



Icons from Freepik.com

Key Definitions

- **Stakeholder Group** – The general body of individuals who participate in public meetings
- **Coordination Committee** – A decision making body made up of stakeholders from diverse interest/backgrounds
- **Workgroup** – Groups made up of stakeholders of a similar interest/background

What is a stakeholder?

- A group or individual who:
 - Has the responsibility for implementing a decision
 - Is affected by the decision
 - Assists with problem identification
 - Promotes awareness, education, and action
 - Facilitates implementation of solutions

Types of stakeholders

- Stakeholders can belong to the following entities:
 - Landowners
 - County or regional representatives
 - Local municipal representatives
 - State and federal agencies
 - Business and industry representatives
 - Citizen groups
 - Community service and Religious organizations
 - Universities, colleges, and schools
 - Environmental and conservation groups
 - Soil and water conservation districts
- What stakeholders have we missed?

Major Tasks for Stakeholders

- Provide guidance and input on potential sources of bacteria and estimated pollutant loads
- Guide identification of measures that could be implemented to address bacteria
- Identify level of implementation that's reasonable
- Identify outreach and education that is needed
- Oversee development of an implementation plan & schedule

Next Steps

- Provide Technical Support Documents to stakeholders – by December 2019
- Next TMDL/I-Plan Coordination Meeting – Early 2020
 - Provide and discuss info from the TSD
 - Discuss general sources and causes of fecal indicator bacteria loading
 - Discuss stakeholder/committee structure and organization
 - Preferred times, days, and venue?

Contact:

Michael Schramm

Texas Water Resources Institute

(979) 458-9191

michael.schramm@ag.tamu.edu

Dr. Lucas Gregory

Texas Water Resources Institute

lfgregory@ag.tamu.edu

<http://twri.tamu.edu/neches/lower-neches>

<https://www.tceq.texas.gov/waterquality/tmdl/nav/118-nechestidal-bacteria>

<https://www.tceq.texas.gov/waterquality/tmdl/nav/118-hillebrandtbayou-bacteria>

EXTRA SLIDES
