

Contents

- Purpose and Scope
 - Need to include Water Temp text - Alex
 - Time - 1 week
- Location - Oliva
 - Watershed Physiography
 - Should stay the same
 - Land Use
 - Update Land Use text and land use graph to include CAST 2019 data
 - All automated
 - Time - 1 Week
 - Tidal Waters and Stations
 - Should stay the same
- Tidal Water Quality Status - Qian and Rebecca
 - Update with 2017 - 2019 data text and tables on criteria, update text and graphs of comparing criteria with water quality trends, include new wqa graphs and create text to describe results
 - Time - 2 weeks
 - Qian needs to make a memo to make it easier for someone else to repeat process of making the table
 - Rebecca needs to right a memo for the maps
- Tidal Water Quality Trends - Rebecca
 - Time - 1 month
 - Surface Total Nitrogen
 - Update text, four planal plots, annual surface total nitrogen data and average predictions
 - Surface Total Phosphorous
 - Update text, four planal plots, annual surface total nitrogen data and average predictions
 - Surface Chlorophyll a: Spring
 - Update text, four planal plots, annual surface total nitrogen data and average predictions
 - Surface Chlorophyll a: Summer
 - Update text, four planal plots, annual surface total nitrogen data and average predictions
 - Secchi Disk Depth
 - Update text, four planal plots, annual surface total nitrogen data and average predictions
 - Summer Bottom Dissolved Oxygen
 - Update text, four planal plots, annual surface total nitrogen data and average predictions
 - Water Temperature - Need to Add
- Factors Affecting Trends
 - Watershed Factors
 - Effects of Physical Setting - Jimmy Webber
 - Update Table of flow normalized TN, TP, SS for nontidal network
 - Are there updated studies we would like to reference in the text?

- Estimated Nutrient and Sediment Loads - Qian
 - Time - 1 Week
 - Update Mann-Kendall trends and Sen slope estimates table
 - Update Text
 - Update Estimated loads from RIM and below-RIM graph
- Expected Effects of Changing Watershed Conditions - Olivia
 - Time - 1 week
 - Update text
 - Update Expected Long-term average loads graph from CAST
- Best Management Practices (BMPs) Implementation - Olivia
 - Time - 1 week
 - Update text
 - Update BMP implementation graph
- Tidal Factors
 - Add climate rainfall intensity - Model Team, Gopal
 - Low sent the bay wide information (graph)
 - Create text
 - Rainfall volume - Model Team, Gopal
 - They give us baywide right now
 - If we want it based on the tributary, we need to see how long that would take
 - Water Quality Standards Attainment Indicator Graph - Qian
 - Show how storms and nutrient improvements impact trend
 - Volume graphs - Tom
- Insights on Changes in the Potomac
 - Only needs to be updated for Potomac and Rappahannock
- Summary
- Glossary - from Rappahannock
- Review - Vanessa, Breck, Alex
 - 1 month to review
 - 4 summaries per person