



# Rowlett Creek Watershed Characterization Project Stakeholder Meeting #6

Wednesday December 14<sup>th</sup>, 2022



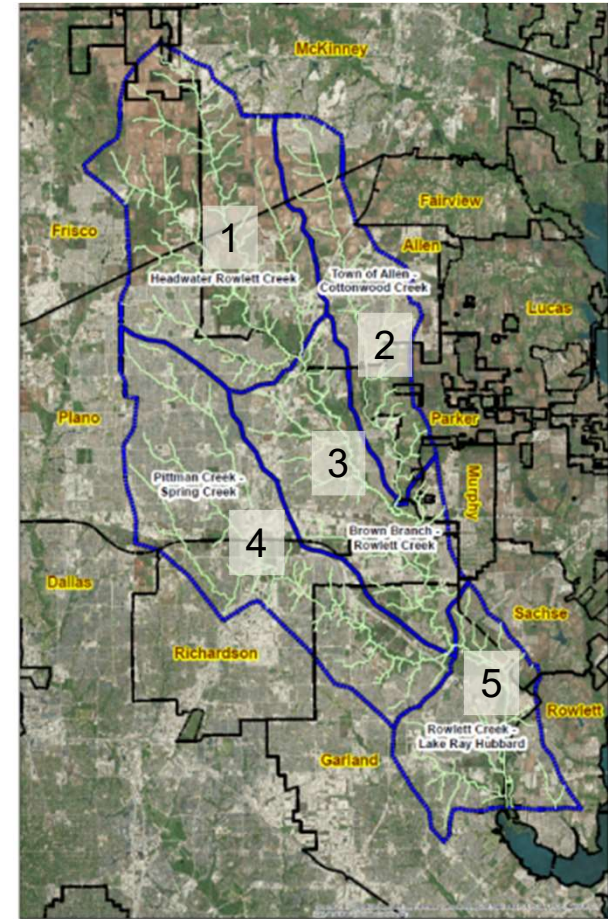
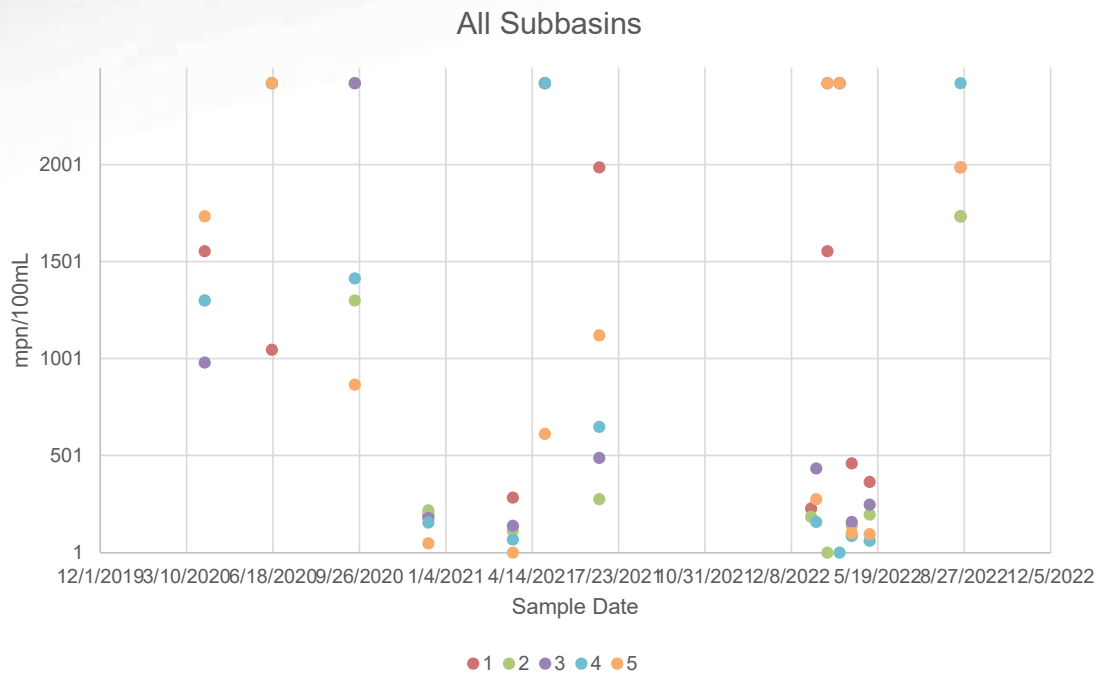


## Agenda

- 10:00 Welcome/Introductions
- 10:10 Rowlett Creek Characterization project update
- 11:40 Discussion & Next Steps
- 12:00 Adjourn

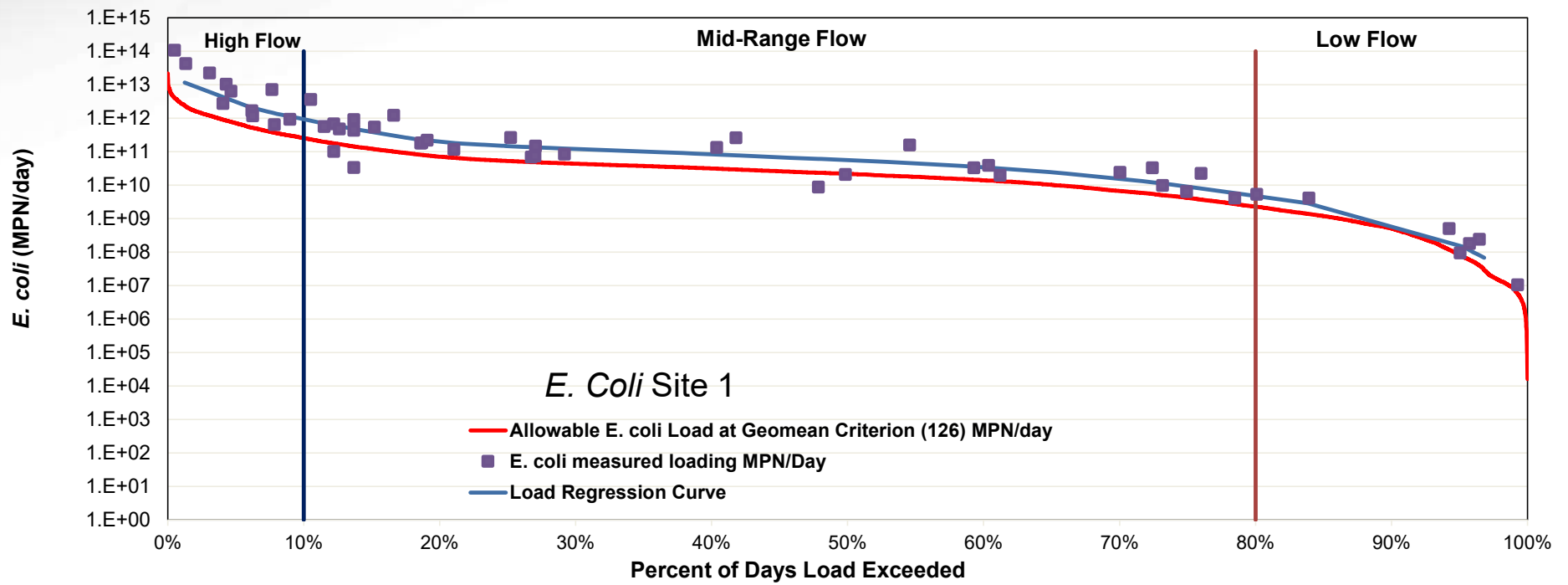


# E. Coli Load Values by Date- AgriLife Samples



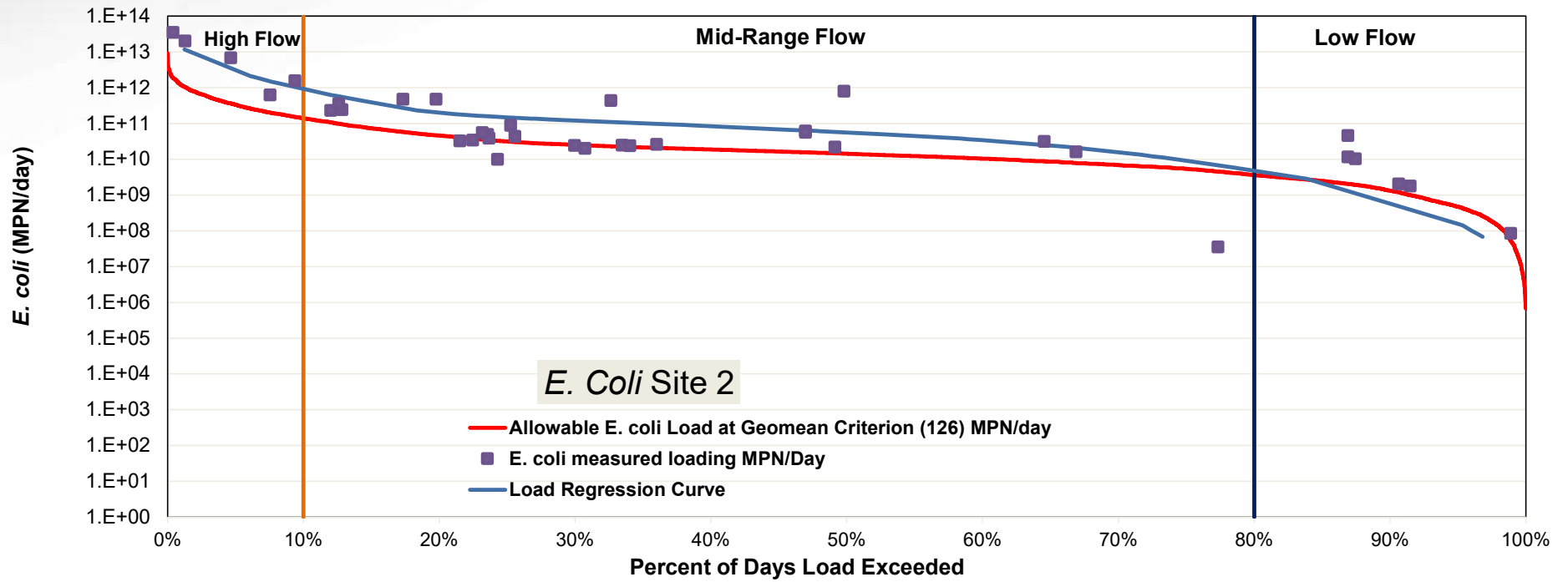


# *E. Coli* Site 1



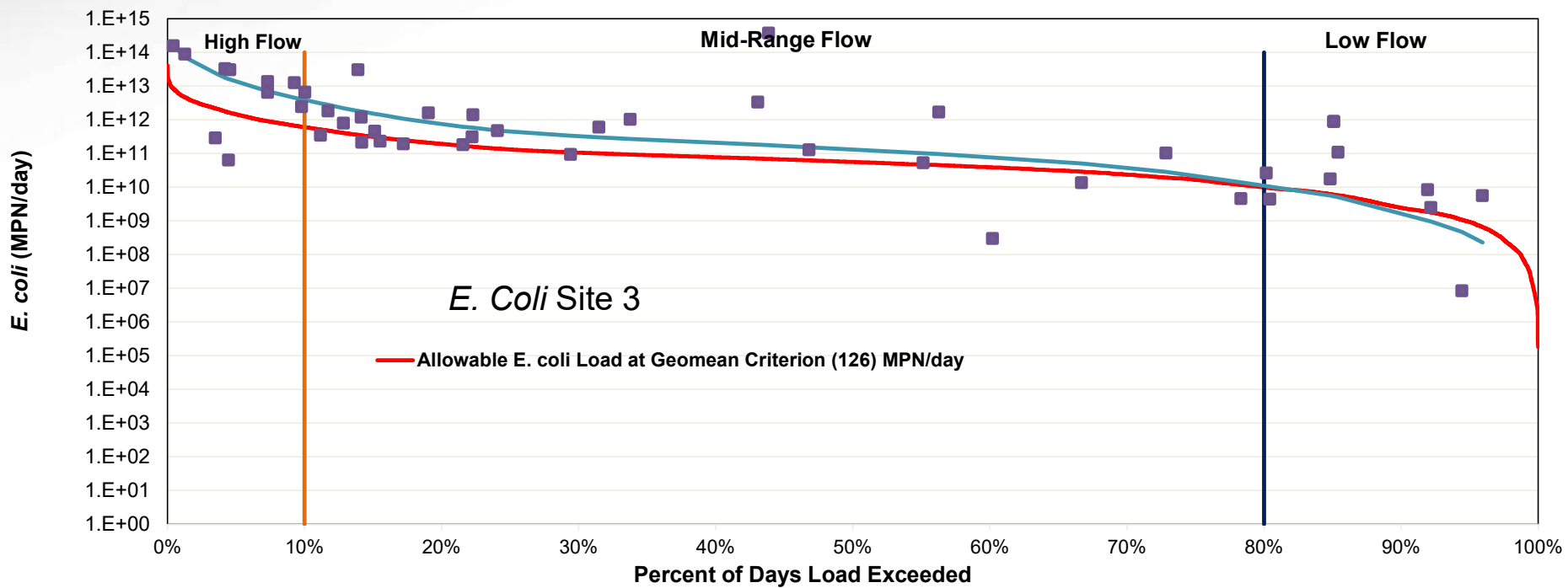


# E. Coli Site 2



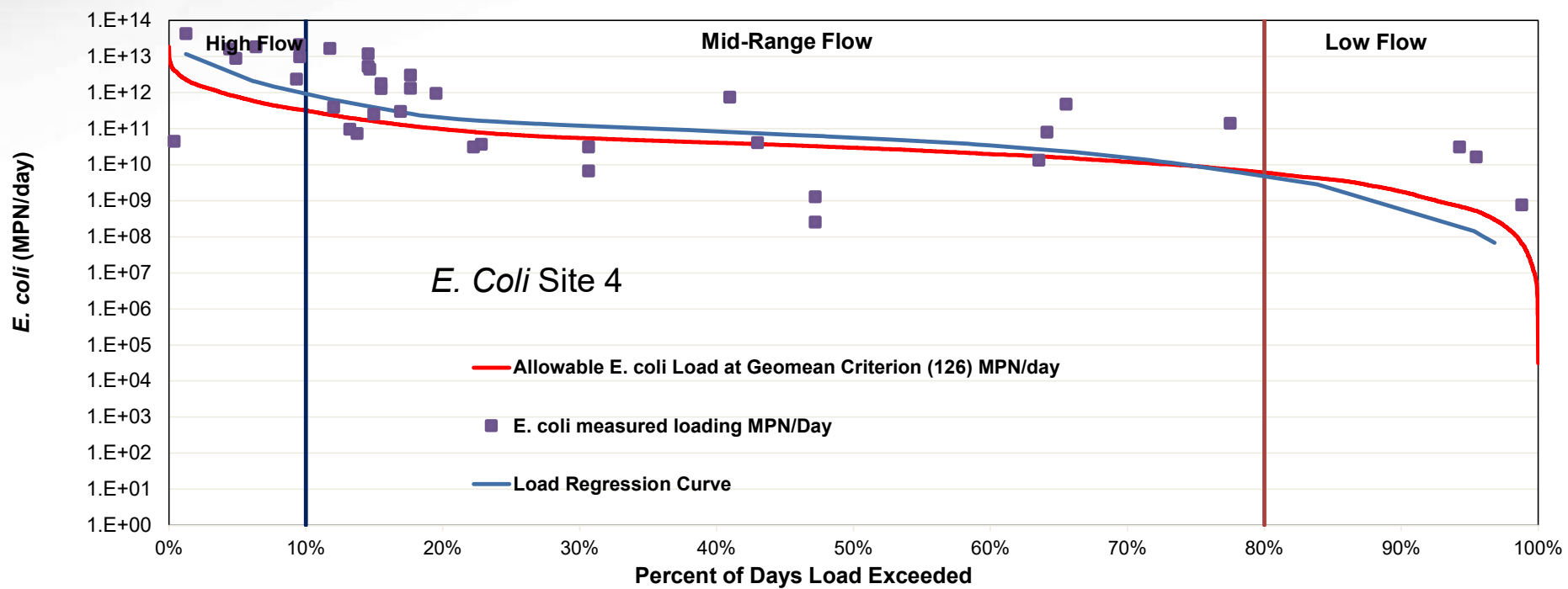


# E. Coli Site 3



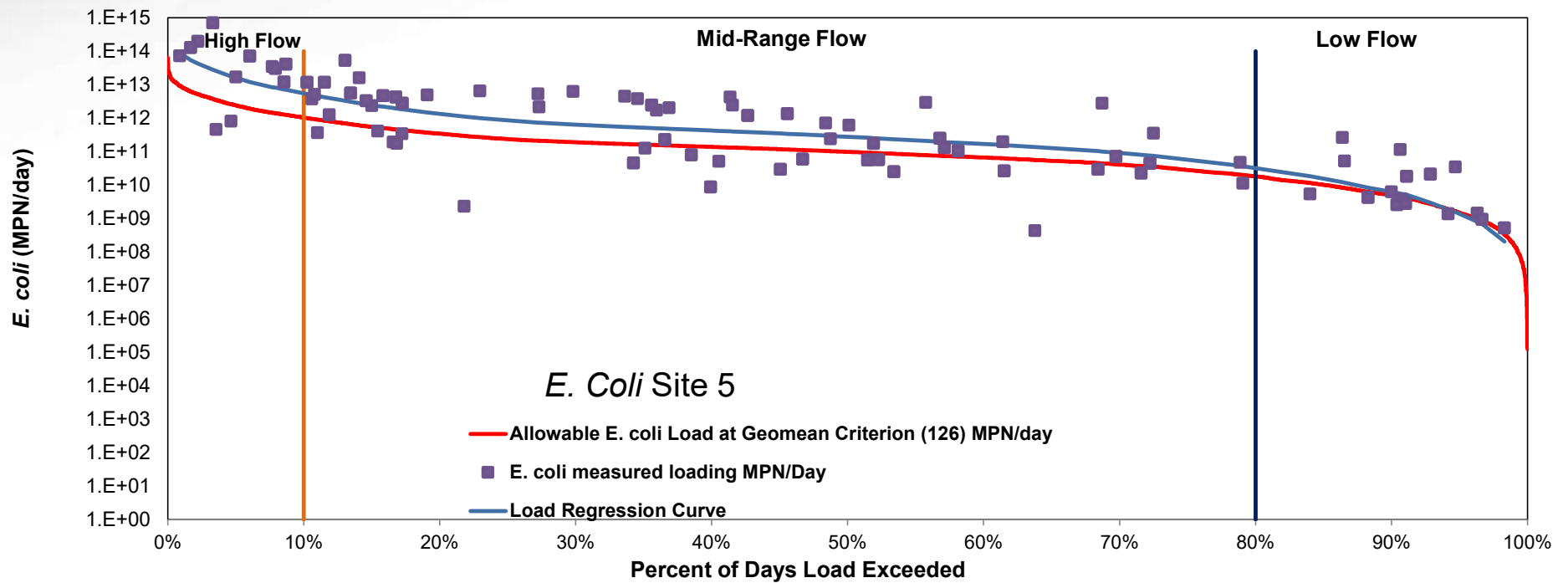


# E. Coli Site 4





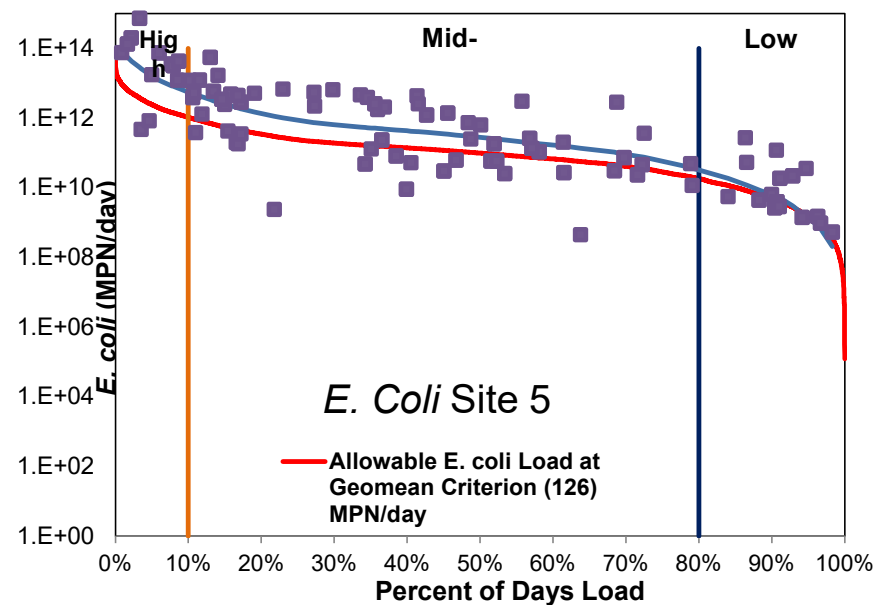
# E. Coli Site 5



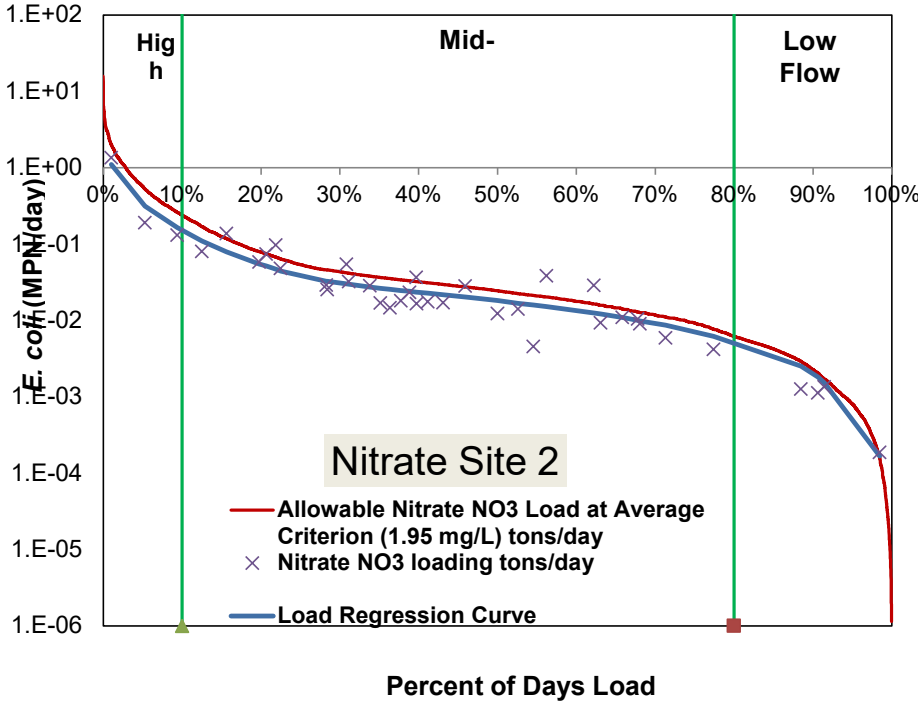
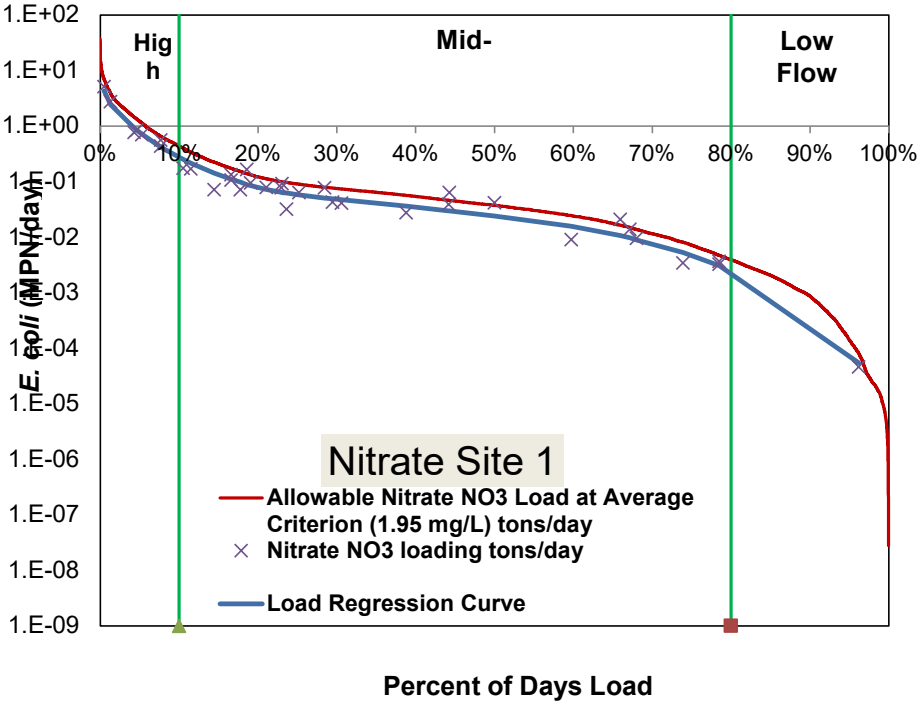


## What have we learned?

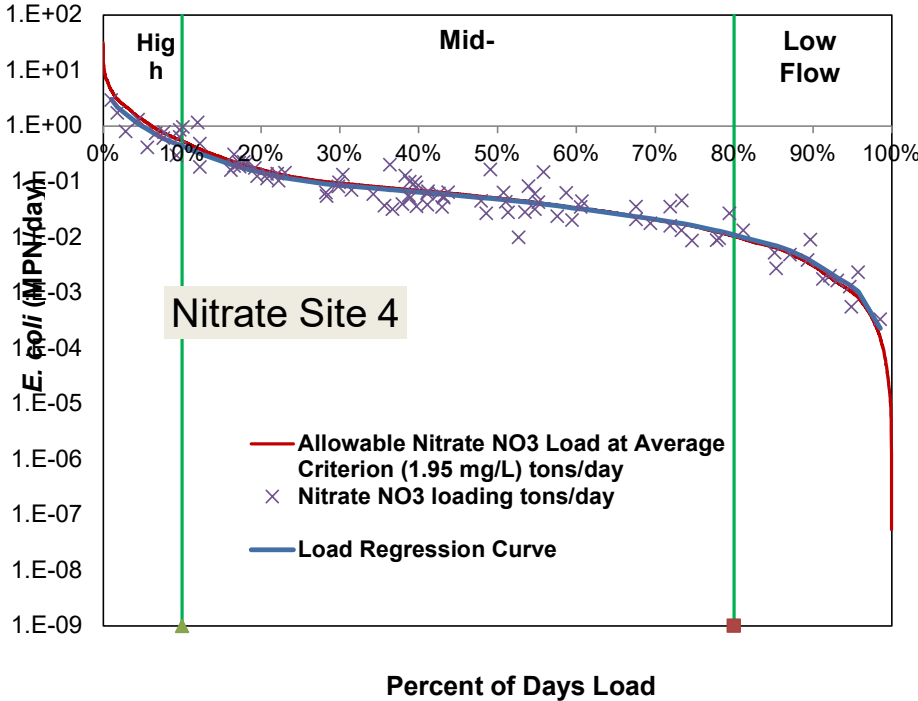
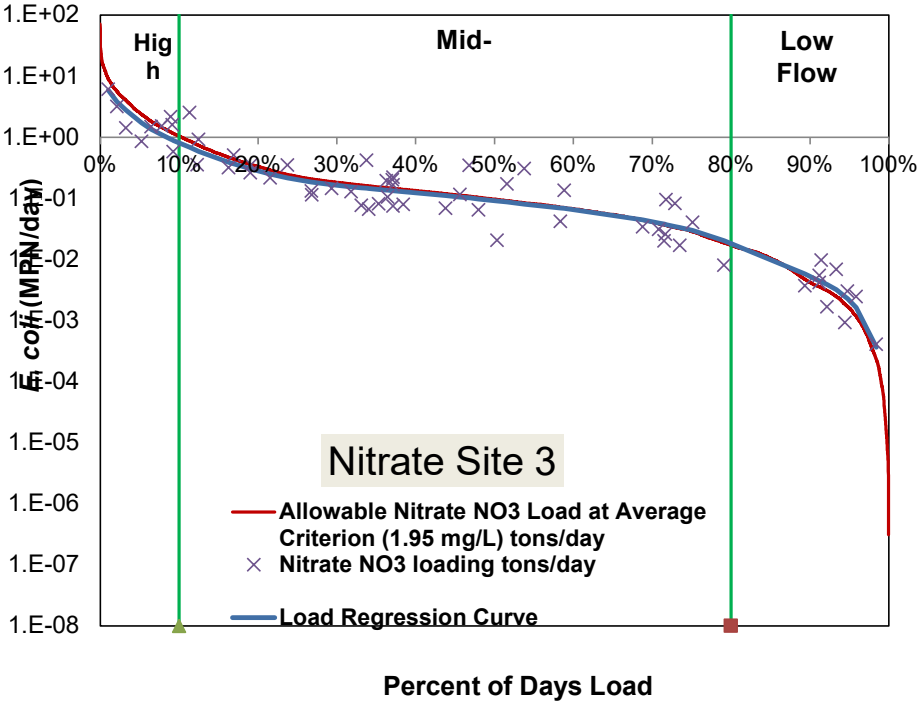
- Exceedance occurs more often during high flows, in all subwatershed basins
- Most exceedance is therefore from surface contamination during storm events



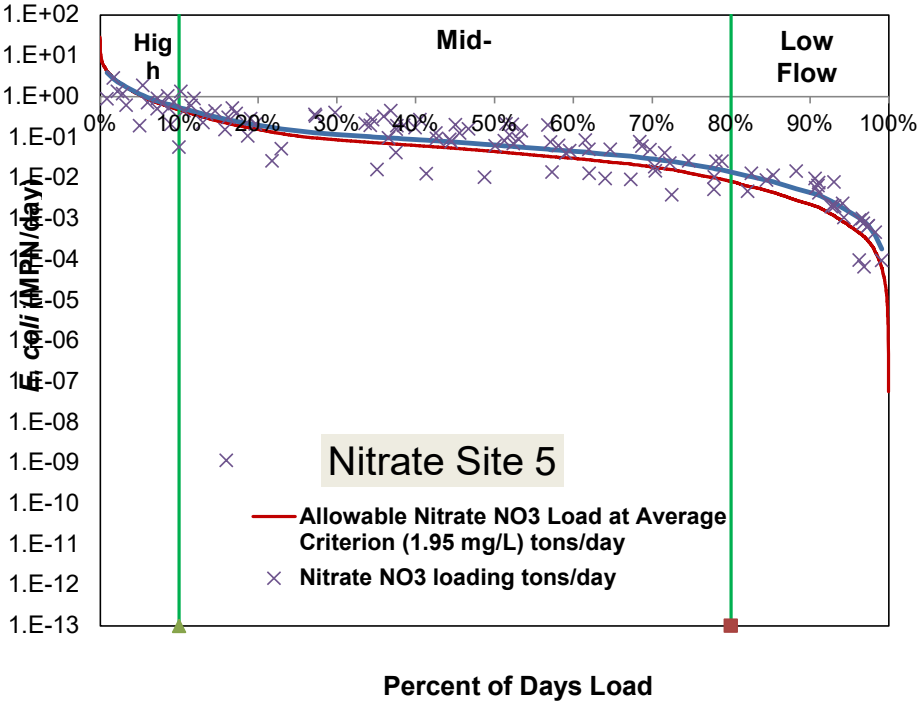
# Nitrate Subbasins 1 & 2



# Nitrate Subbasins 3 & 4



# Nitrate Subbasin 5



- Subbasin 5 shows Nitrate exceedance during low flows
- Potential sources are yard fertilizer, wastewater, and pet waste
- BMPs for *E. Coli* will also likely reduce Nitrates



## Upcoming Tasks

- Comments from TCEQ and Steering Committee integrated into Draft Report
- Report with integrated comments sent to TCEQ for approval
- With approval, Characterization Phase is complete

## Questions, Discussion





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