

Nutrients – A Changing Bay

Mike Connor, EBDA (moderator)

– Regulatory Overview

Tom Grovhoug, Larry Walker & Assoc.

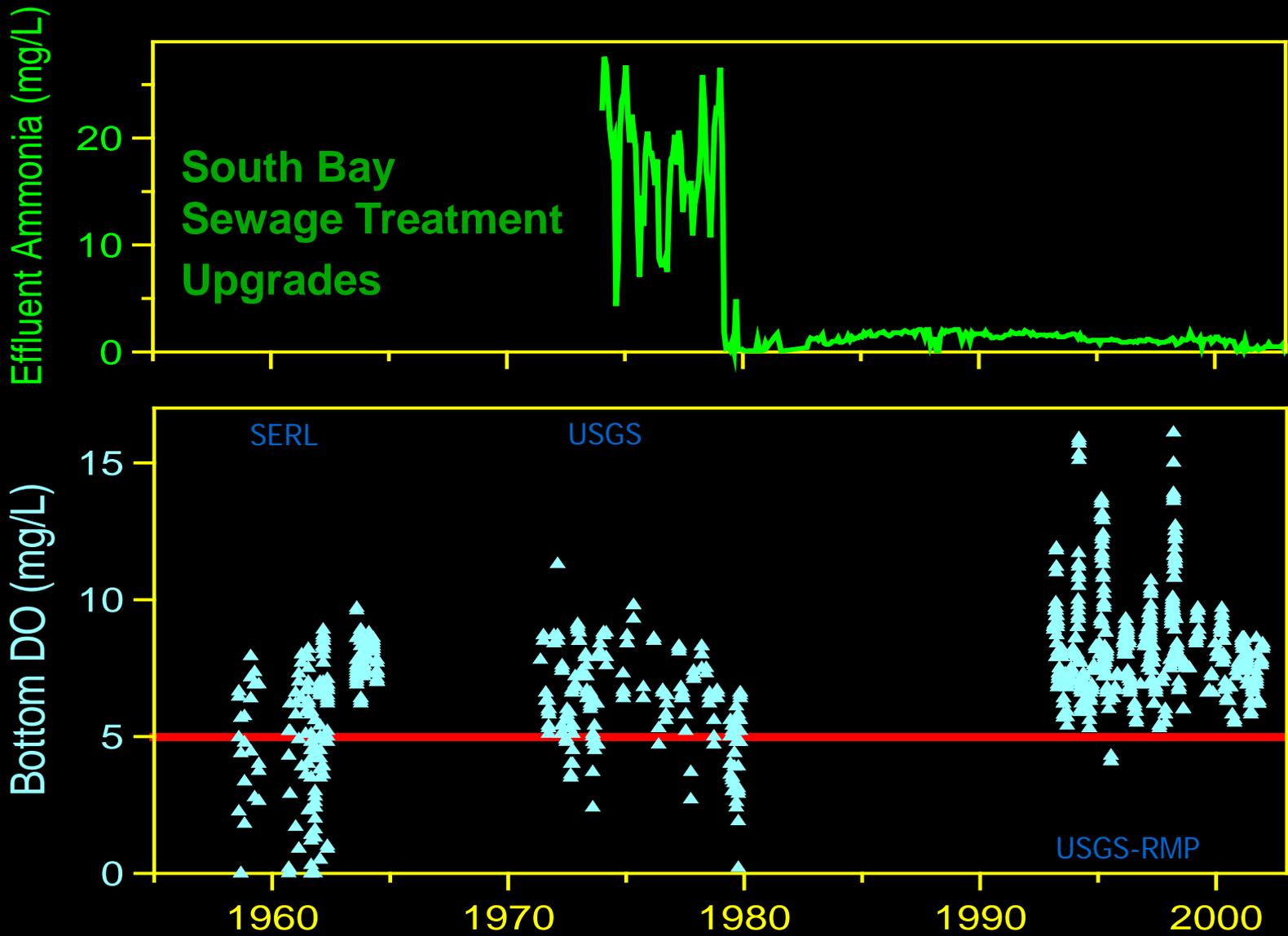
– Ammonium/Phytoplankton/Spring Blooms in SF Bay/Delta

Dick Dugdale, Romberg Tiburon Center, SFSU

– Agency Planning Efforts

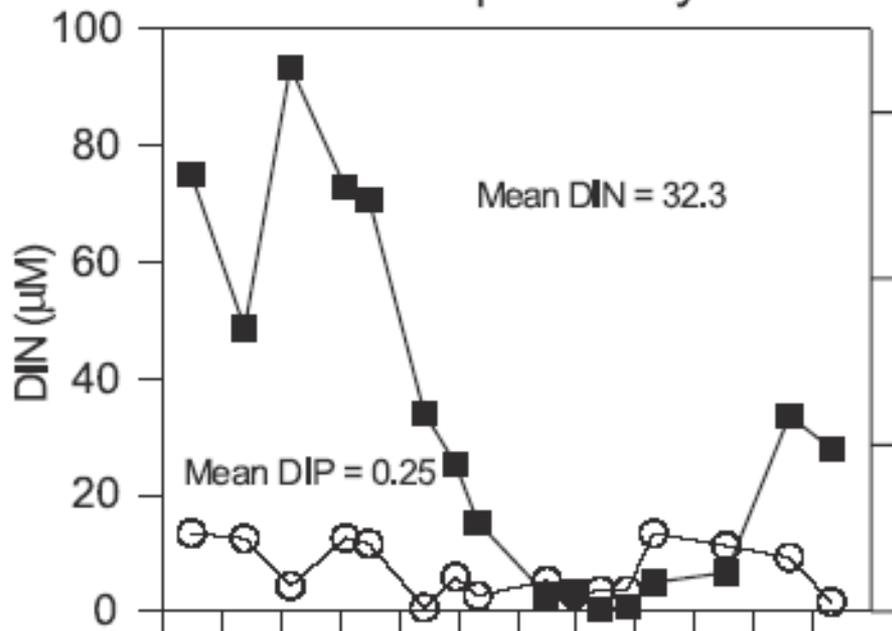
Phil Bobel, City of Palo Alto

Jim Kelly, CCCSD

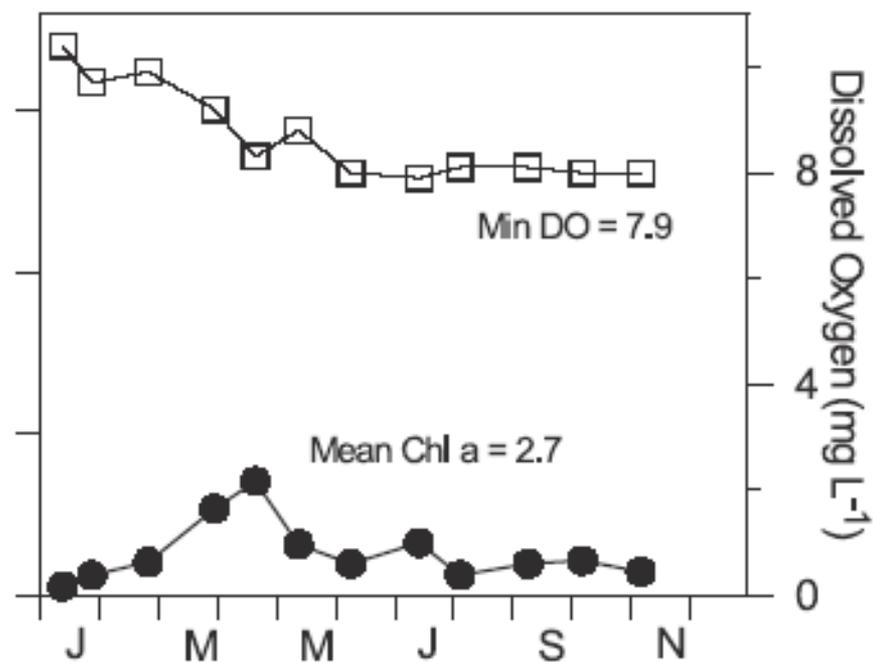
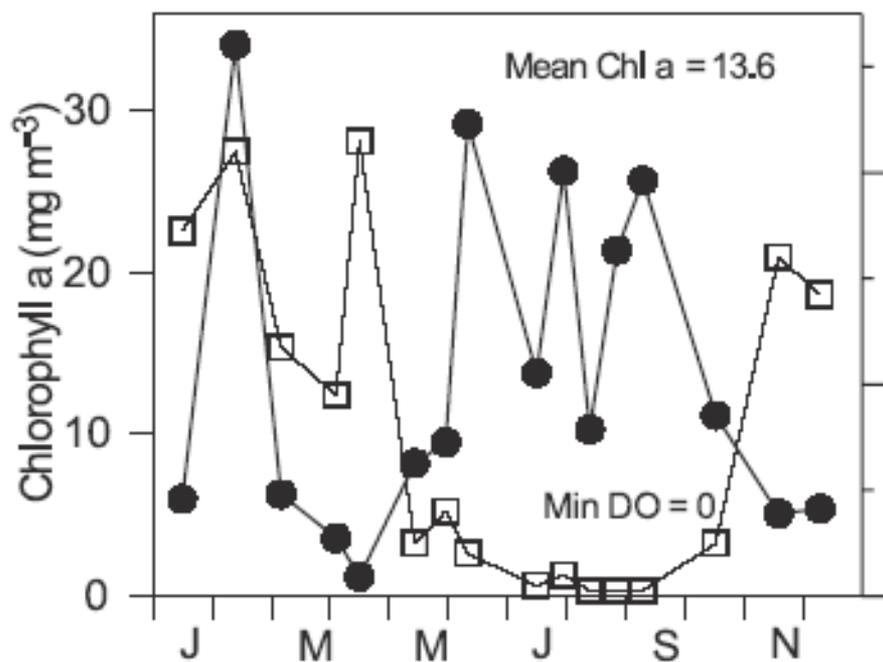
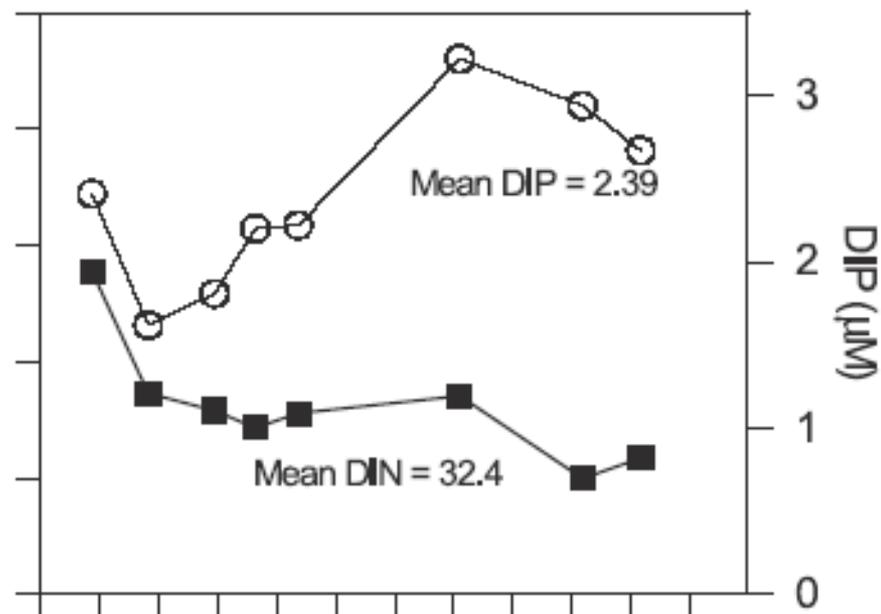


From Cloern, 2003

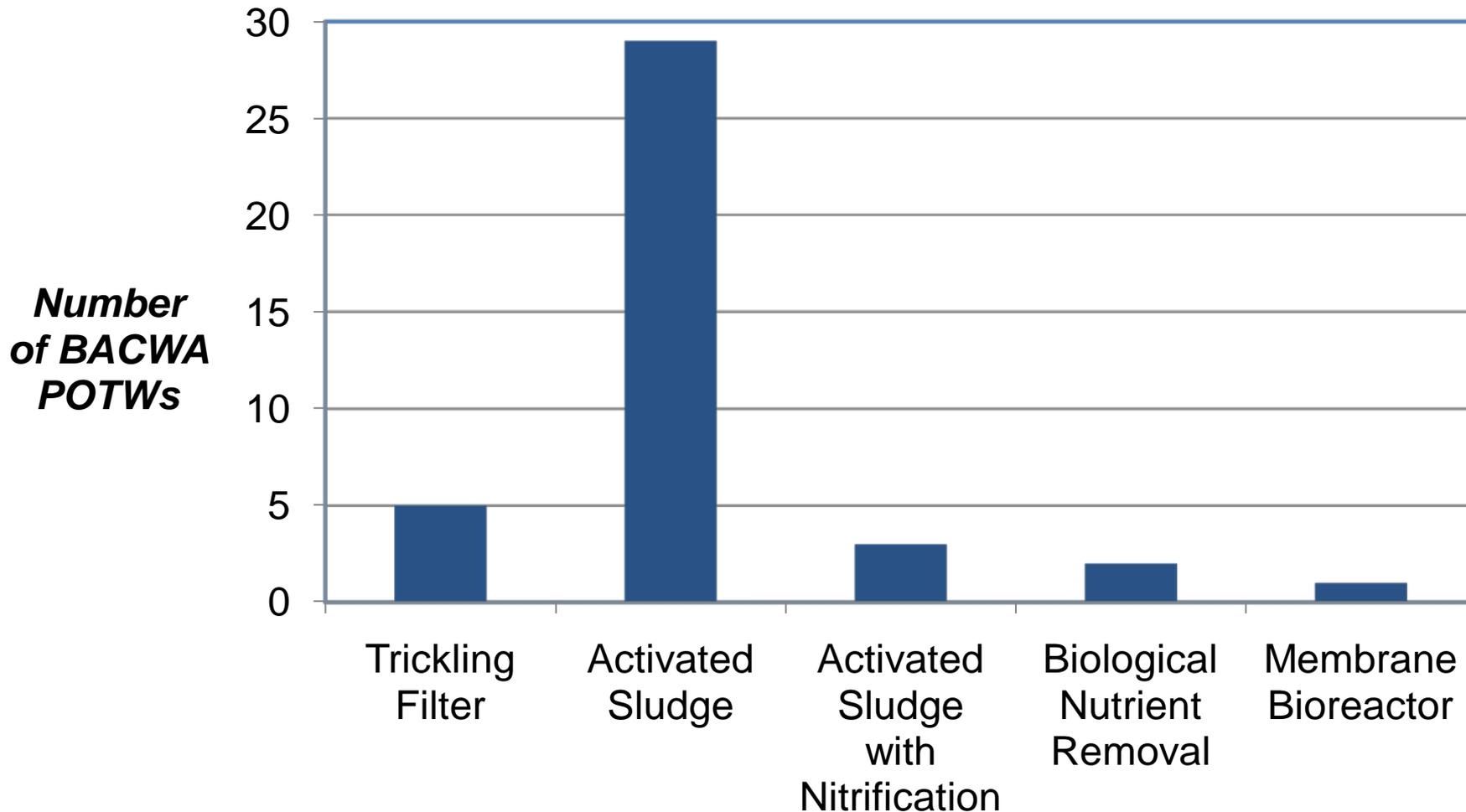
Chesapeake Bay



San Francisco Bay

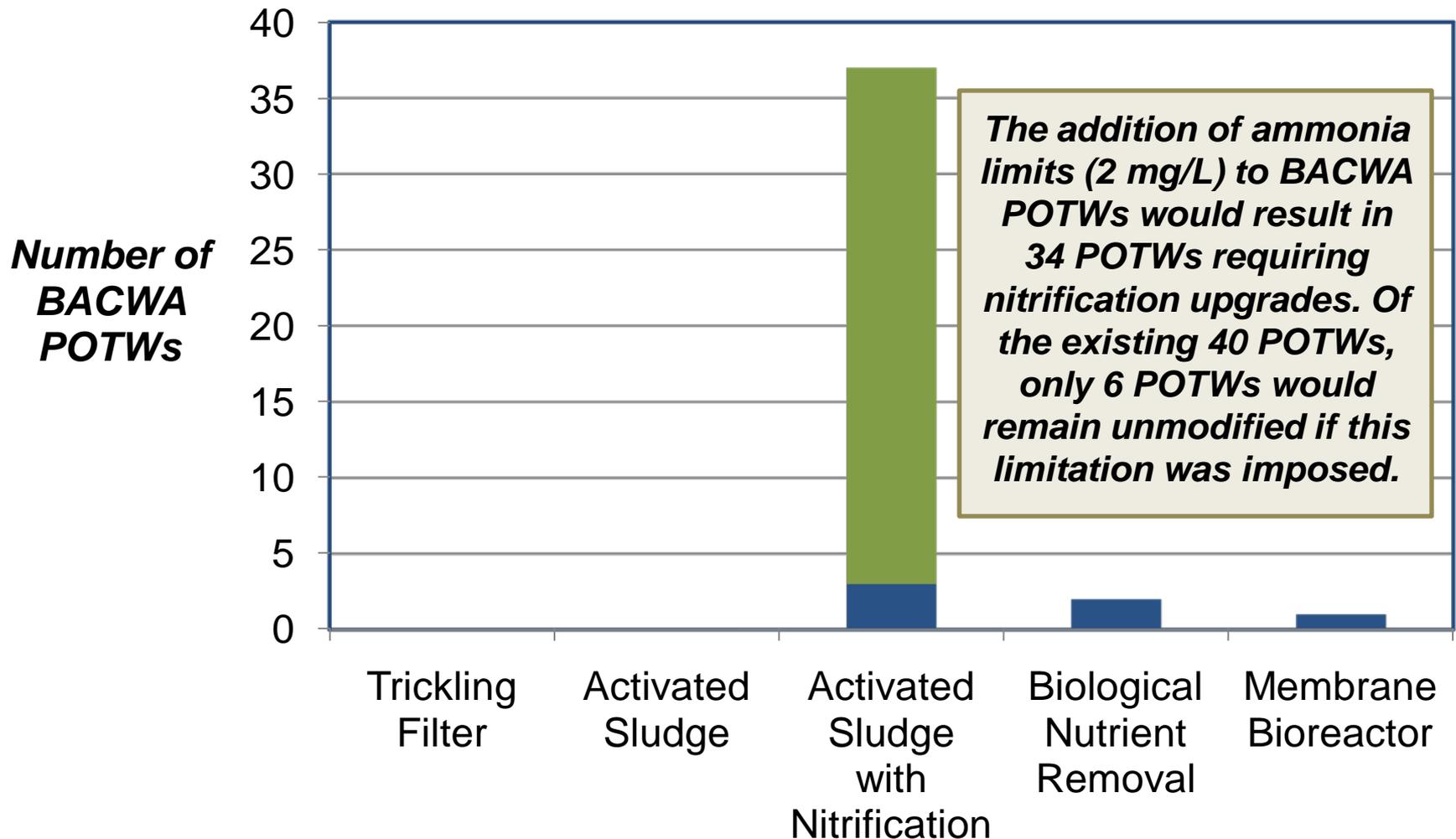


BACWA POTWs Classified by Biological (Secondary) Process Type

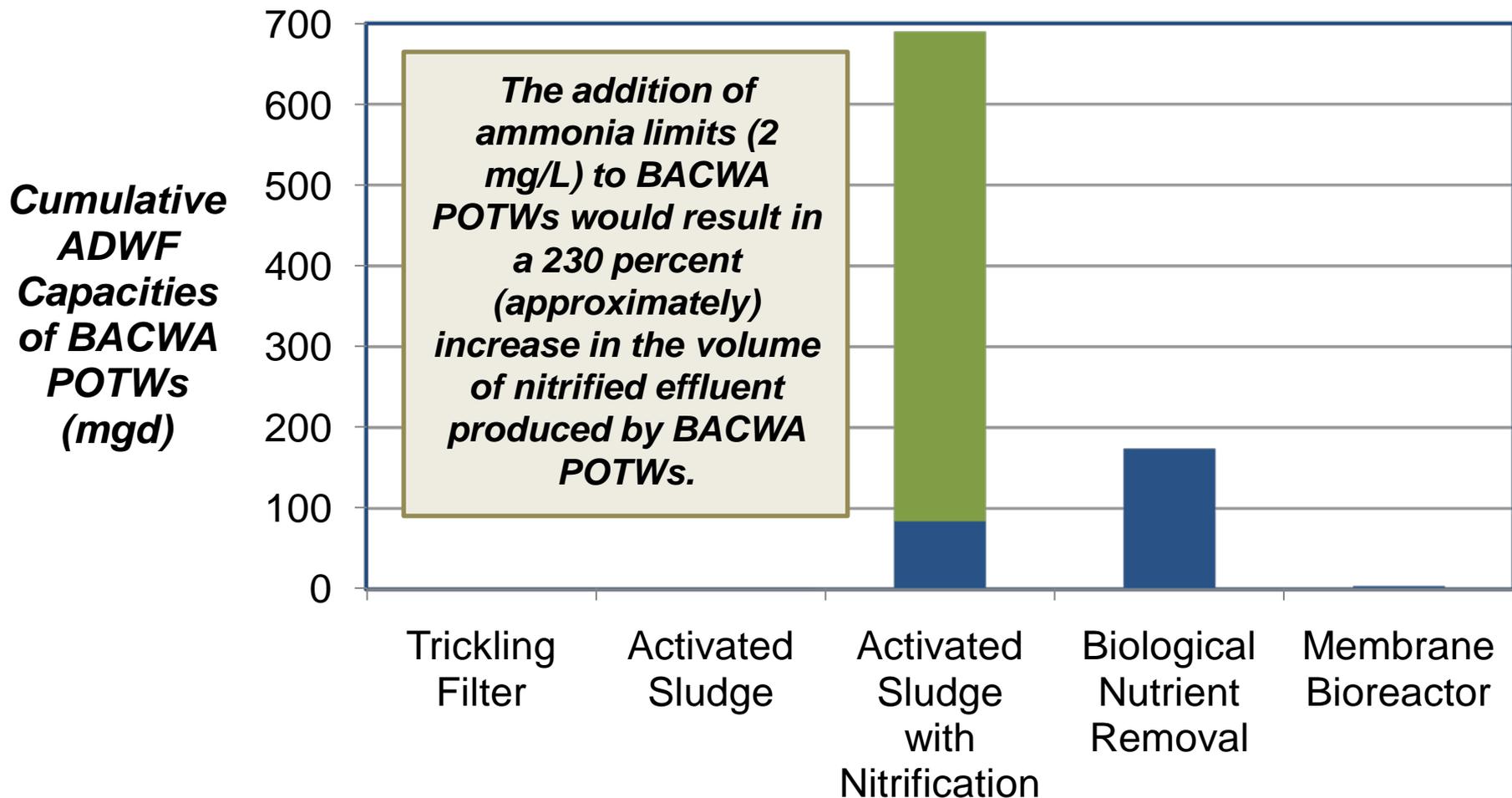


Note: Plants providing trickling filter / activated sludge treatment have been placed in the activated sludge process group.

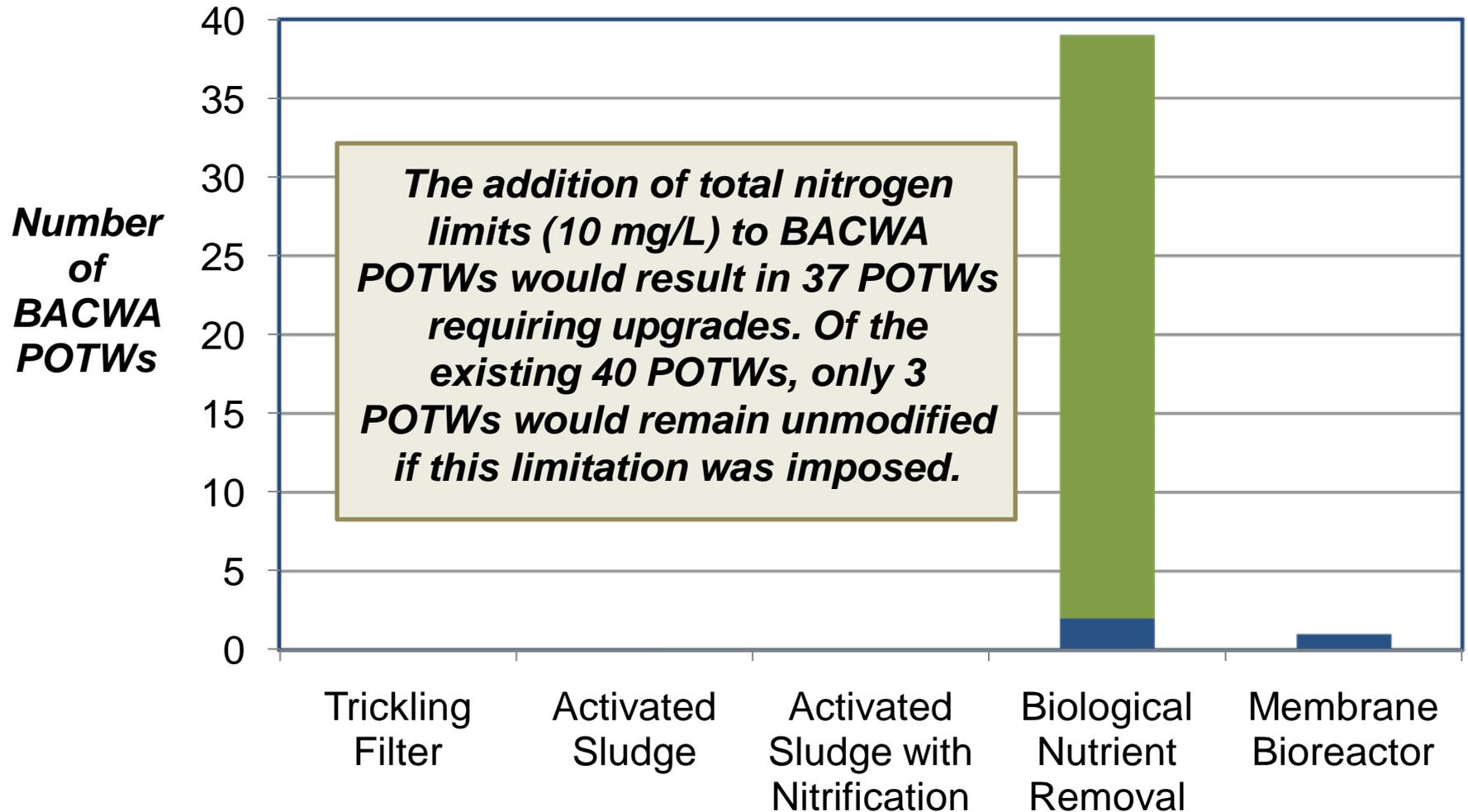
Number of POTWs Requiring Upgrades if Ammonia Limits Were Imposed



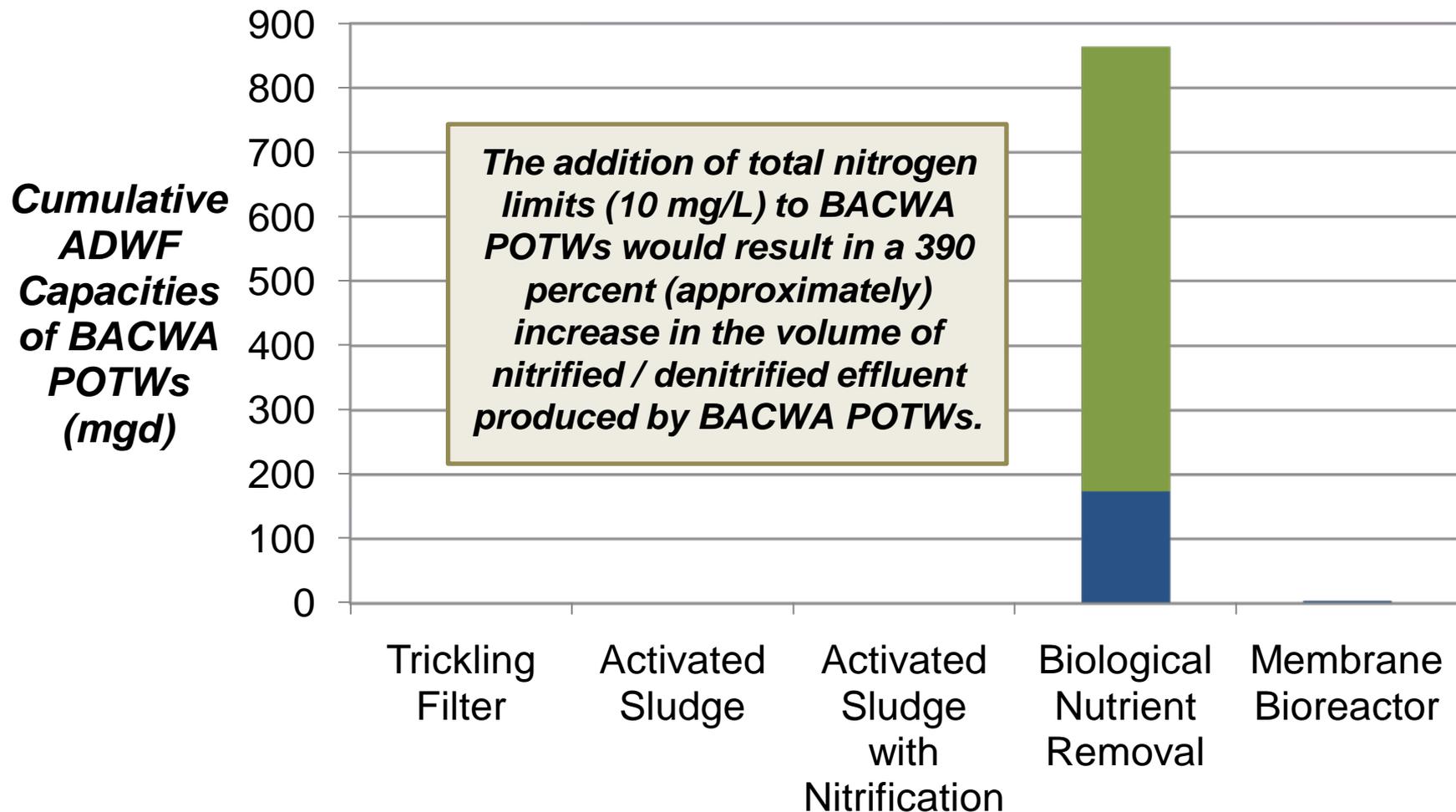
Cumulative ADWF Capacities Requiring Nitrification Upgrades



Number of POTWs Requiring Upgrades if Total Nitrogen Limits Were Imposed



Cumulative ADWF Capacities Requiring Nitrogen Removal Upgrades



Cumulative ADWF Capacities of BACWA POTWs Classified by Biological (Secondary) Process Type

