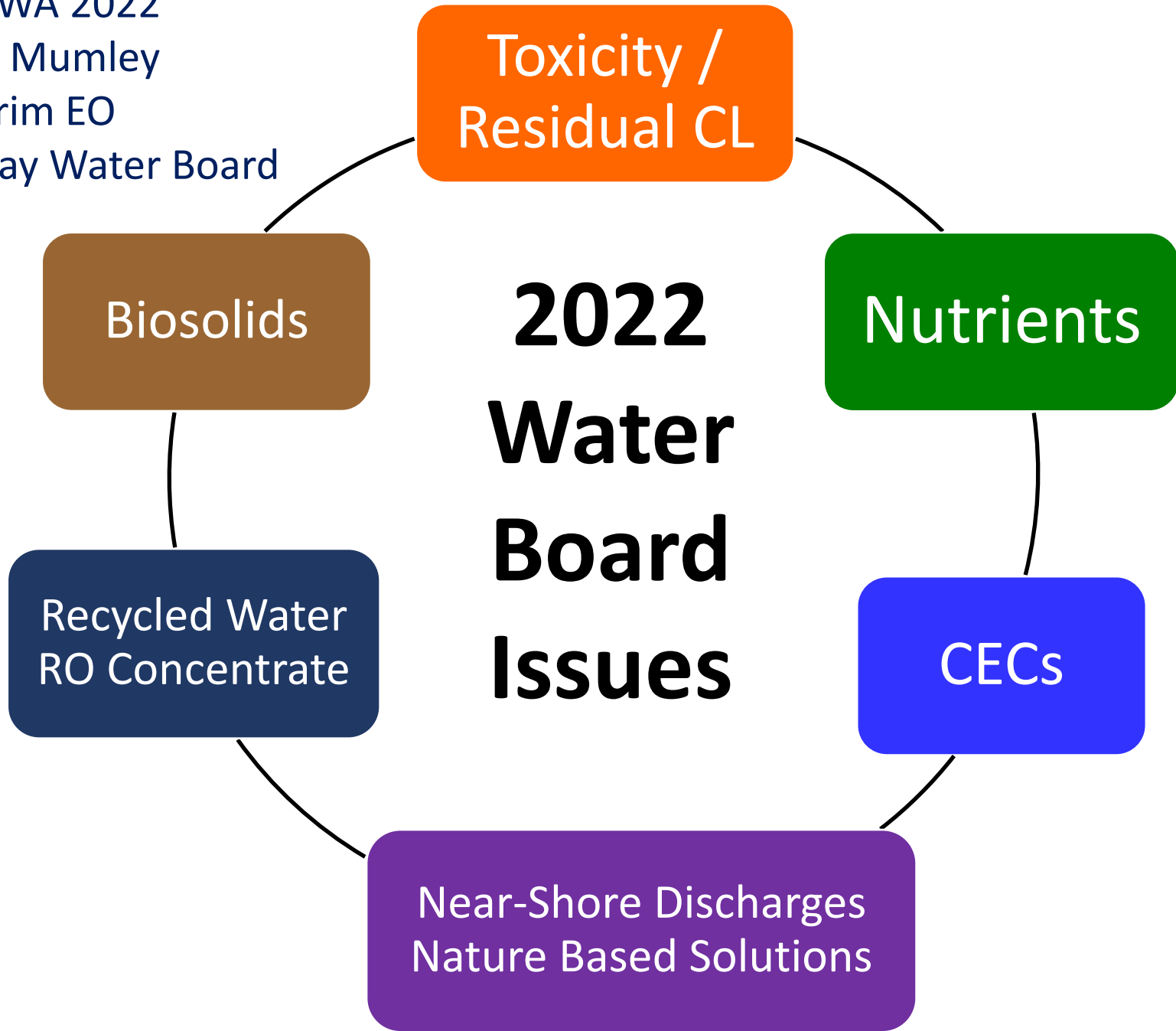


BACWA 2022  
Tom Mumley  
Interim EO  
SF Bay Water Board



Toxicity /  
Residual CL

**2022  
Water  
Board  
Issues**

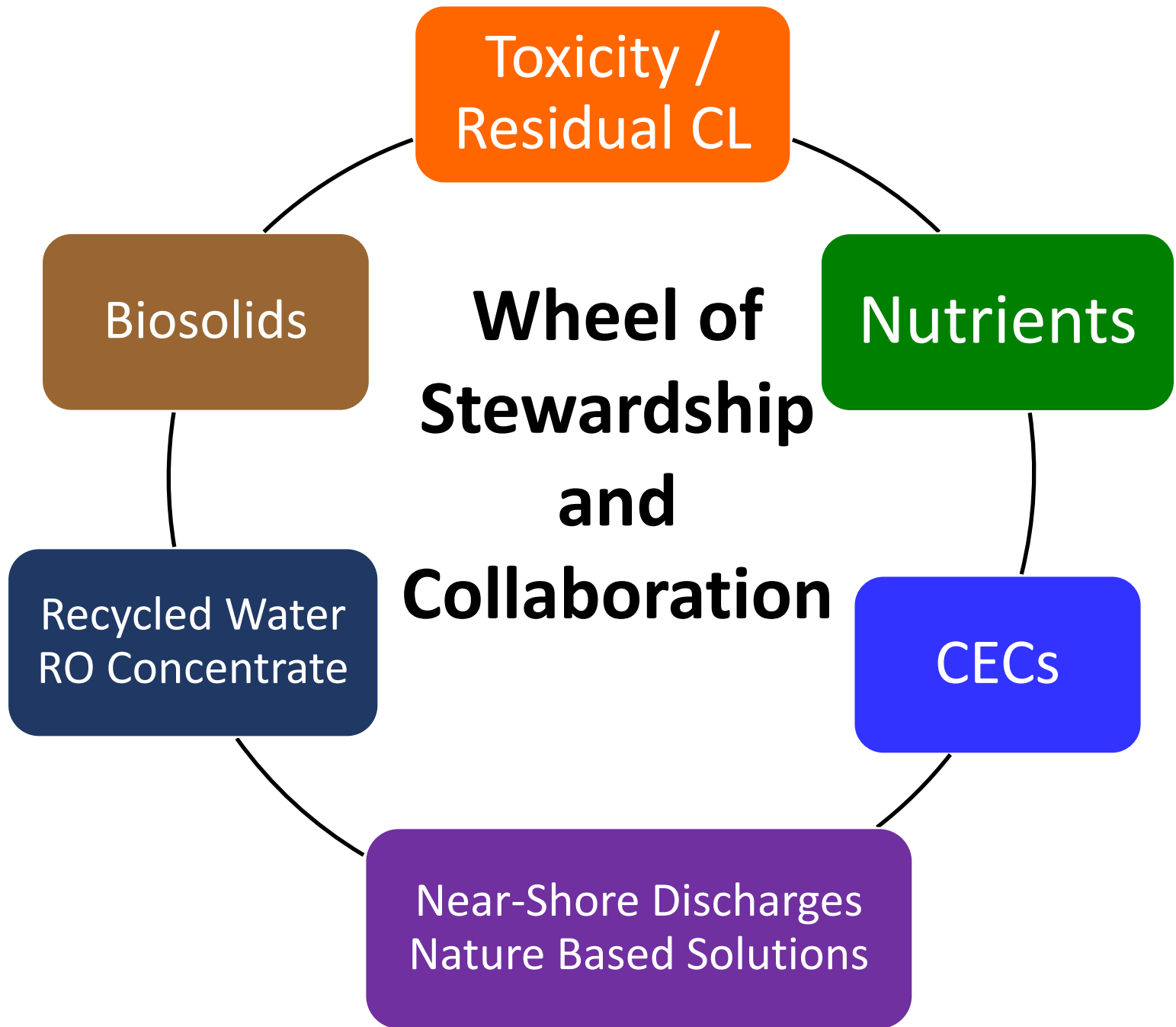
Nutrients

CECs

Near-Shore Discharges  
Nature Based Solutions

Biosolids

Recycled Water  
RO Concentrate



# Nutrient Permit 2

- 💧 Funding for studies
- 💧 Recognition of early actions / planning
- 💧 Nature-based treatment options

# Nutrient Permit 3?

- 💧 Regional load cap
- 💧 Funding for monitoring / studies
  - Change indicators / triggers
- 💧 Implement actions / planning
  - Plan to respond to changes

# Contaminants of Emerging Concern

- 💧 RMP monitoring strategy
  - Status & trends monitoring
  - Exposure and loading studies
    - ❖ Representative POTWs
- 💧 Emerging statewide strategy

# Near-Shore Discharges

## Nature Based Solutions

- 💧 Wetlands treatment systems
- 💧 Beneficial reuse of effluent
  - Habitat enhancement
  - Horizontal levees
- 💧 Permit toolkit

# Recycled Water + RO Concentrate

- 💧 Part of master planning
  - Plant specific and “regional”
- 💧 Discharge of RO concentrate
  - Valley Water
  - Toxicity / nutrients / CECs

# Biosolids

- 💧 Cost-effective and protective options?
- 💧 Evaluate current Baylands site(s)

