
DTMC Roles in Delta and Upstream Mercury TMDLs (and related efforts)

Developing and Implementing TMDL in a
Stakeholder Process



Phase 1 – The “To Do” List

- Each discharger / source type:
 - Control Studies
 - Discharge Monitoring
 - Exposure Reduction
 - Source Control (only POTWs & MS4s)

- Broader science / legislative / policy efforts:
 - Ambient Monitoring
 - Offsets Policy
 - Upstream TMDLs
 - Funding
 - State or federal bills
 - IRWMPs

The TMDL Schedule

- Board hearing(s): April 2010 – ??
- Regional Board → State Board → OAL → USEPA... 1-2 years until “Effective Date”
- Phase 1 implementation*
 - **Proposed organization: 6 months**
 - **Submit workplans: 9 months**
 - **Start implementing: 13 months**
 - Interim review: 4 years
 - Control studies due: 7 years
 - Program review: 9 years

* *Unless an extension is approved by the EO.*

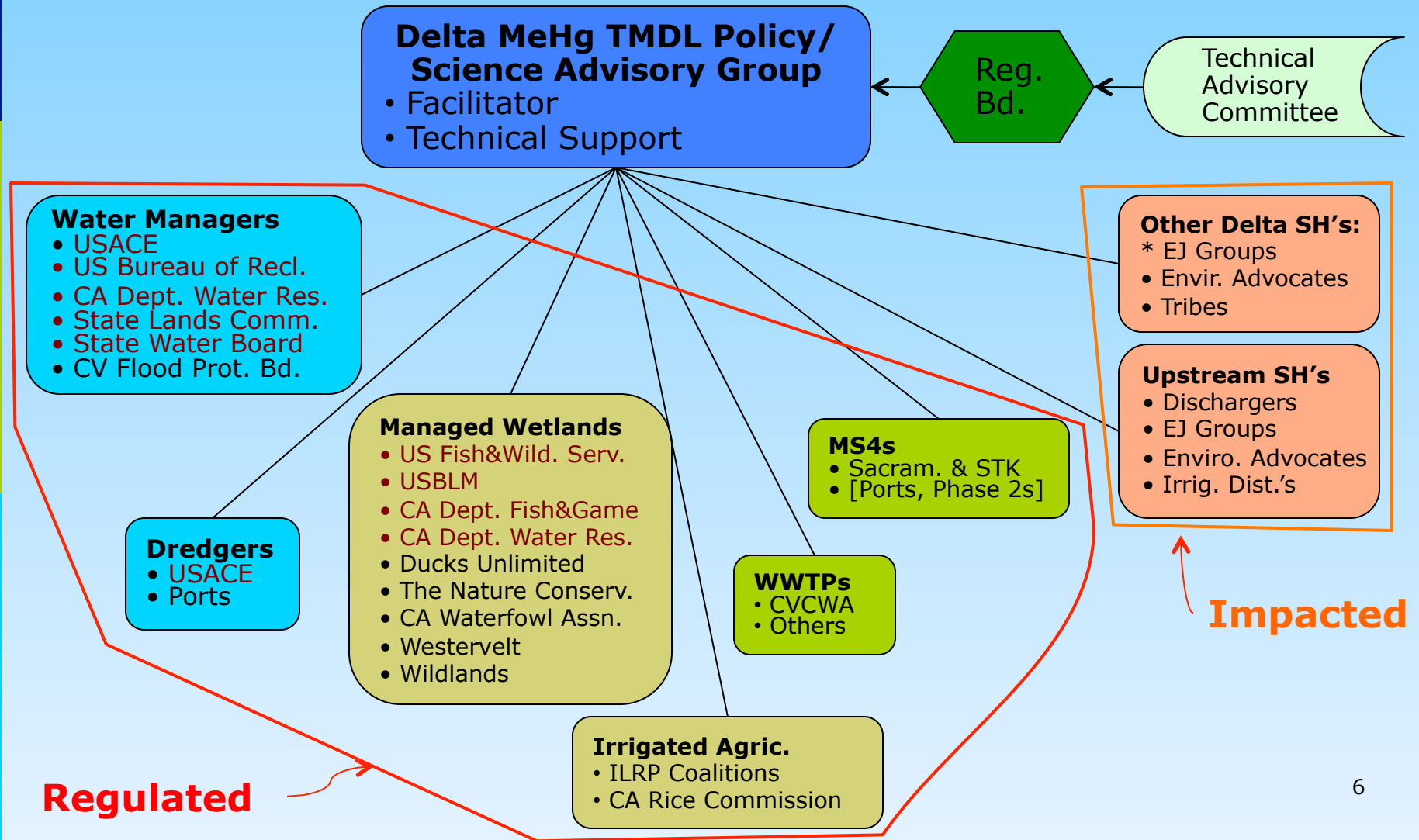
Exposure Reduction – Potential Tasks

- **Organize:** Consolidate funding, institutionalize leadership, convene stakeholder advisory group, get technical support from/for communities
- **Learn:** Conduct more/better consumption surveys, track Bay Area experience
- **Strategize:** Define risk communication
- **Enable:** Collaborate with communities; award & administer mini-grants
- **Evaluate:** Adaptive management
- **Advocate:** *Watershed improvement projects*

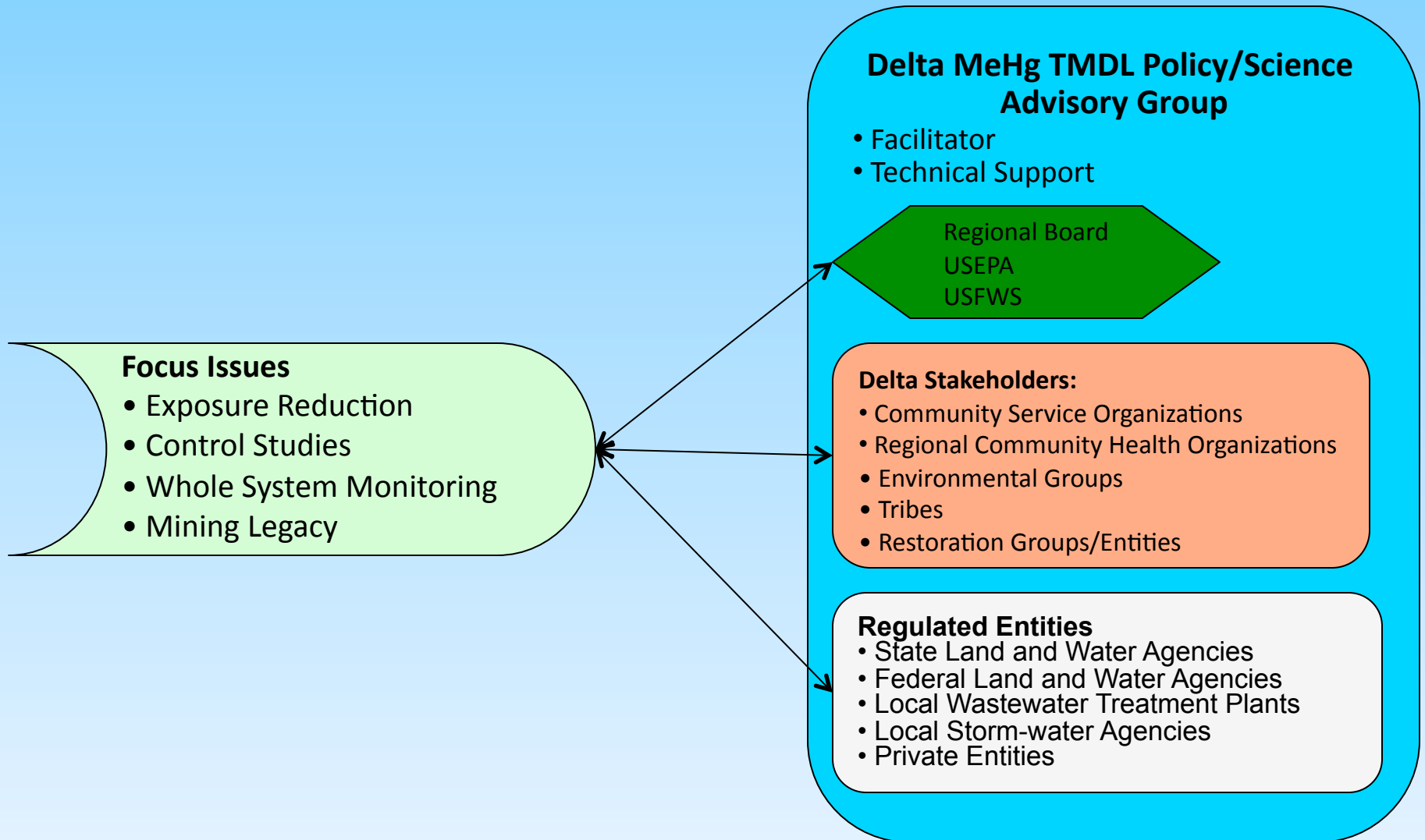
Stakeholder Organization

How stakeholders could self-organize during Phase 1 of the TMDL Implementation

Delta MeHg TMDL Stakeholder Group & Workgroups

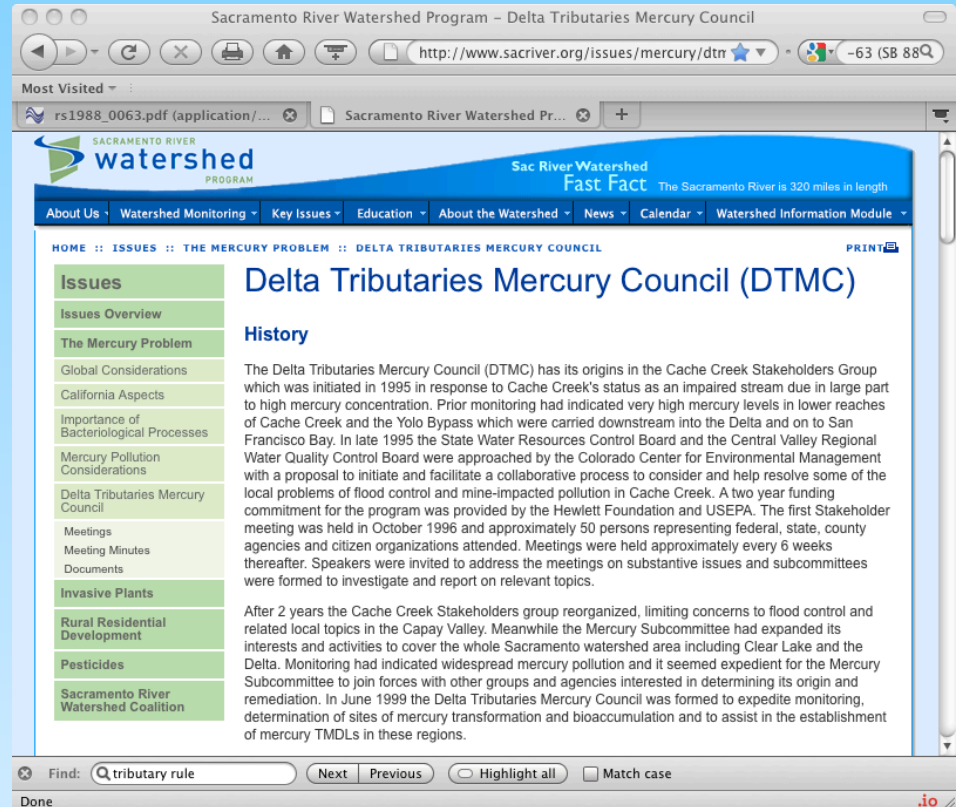


Delta MeHg TMDL Stakeholder Process – Issue Resolution-Based



Useful DTMC Characteristics

- **Relevant**
 - D = Delta
 - M = Mercury
- **Organized**
 - Facilitator
 - Quarterly meetings
 - Strategic Plan
- **Stakeholders (C = Council)**
 - >500 on listserv
 - Broad-based
- **Web Site**
 - Workgroup subfolders
 - Post downloadable files
- **Nonprofit (SRWP)**
 - Apply for grants
 - Admin support



Funding Needs – Delta TMDL Only

- CCP funding is spent
- Future facilitation funding needs:

Timing	Tasks	Est. Cost (\$Ks)
Now & Forever	Quarterly mtgs. & announcements; strategic plan, advocacy (legislation, upstream TMDLs, regional monitoring)	14-30/yr
0-13 months	Org. Workgroups, submit workplans & grant applications	50-100/group
Years 2-4	External science review, stakeholder communications, offsets policy	20/yr

Not including implementing control studies, monitoring, exposure reduction, source control, etc.

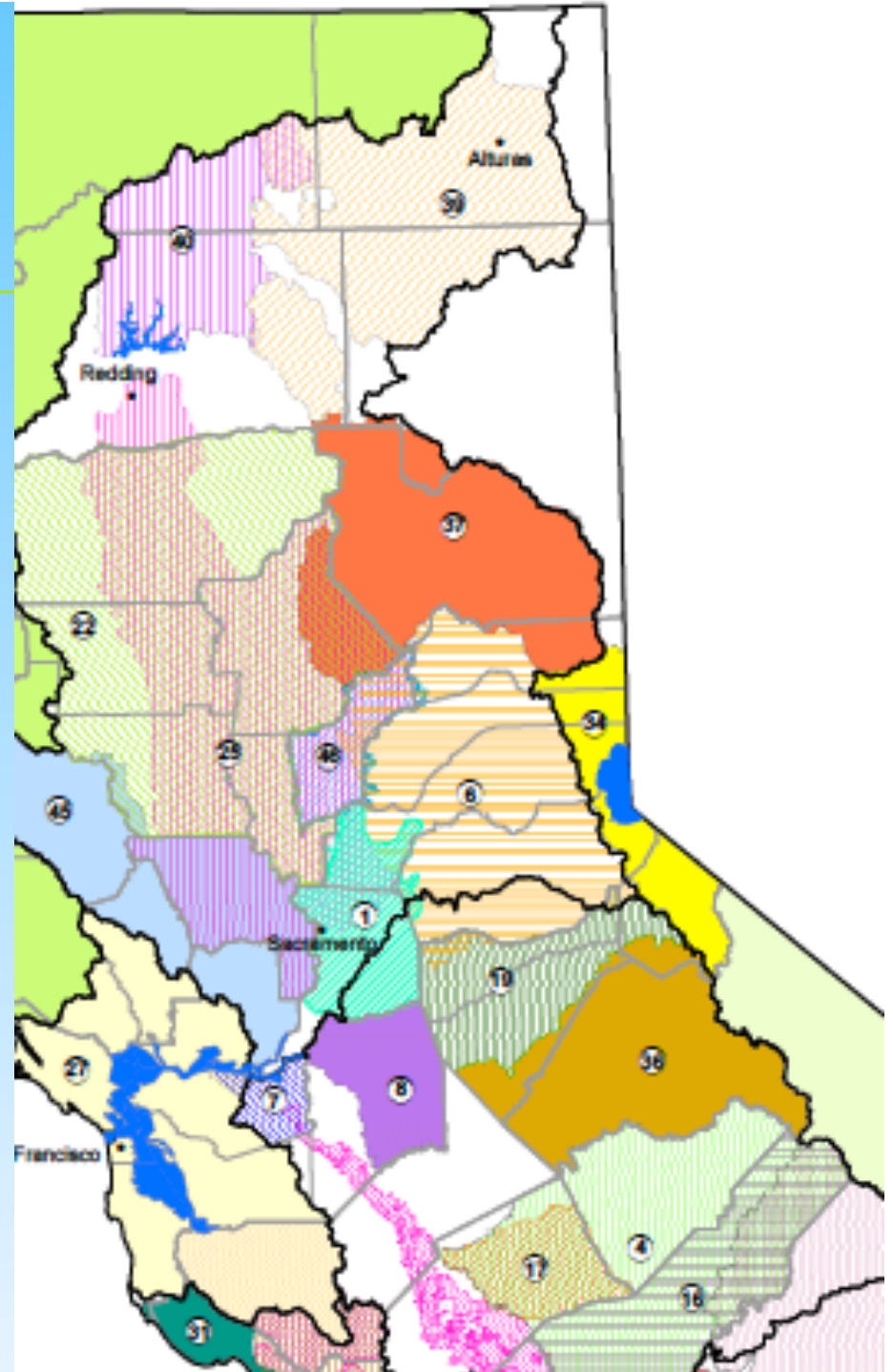
DTMC Strategic Plan

- Since 2002..
 - \$30M Calfed Mercury Program
 - Mine site remediations
 - TMDLs in Cache Creek and Delta
- Into the Future...
 - TMDL implementation & many more TMDLs
 - IRWMP development & implementation
- Needs outreach effort
 - Regulatory prioritization & consistency
 - Legislative advocacy (funding, governance)

IRWMPs

- Requires “water quality” component
- Inconsistently addressing mercury impairment listings
- *Begs for a watershed approach!*
- www.water.ca.gov/irwm/

(IRWMP = Integrated Regional Water Management Plans)



Discussion Questions

- Who would lead TMDL Phase 1 efforts? (outreach, control studies, offsets policy)
- How to fund stakeholder group? unfunded entities?
- Set next meeting prior to April hearing? Who else to specifically invite?
- How to get mercury addressed in IRWMPs?
- Role for Strategic Plan?

Mercury: A series of great opportunities disguised as insoluble problems.