

Delta Modeling Section DSM2 Update

November 12, 2015

Tara Smith

Support for Various Programs

- Annual Report (Min) - in approval phase
- Municipal Water Quality Investigations Program (Hari, Wenli)
- Consumptive Use Analysis (Lan, Bob)

Support for Various Programs (Cont)

- SWRCB
 - NDOI and CU
- Drought Studies –
 - Possible Barrier(s) in 2016
- California Water Fix (Subir, Joey)
- In Delta Storage (Joey)

Develop and Expand Features of Decision Support Tools

- DSM2v8 Development and Maintenance –
 - General Transport Model
 - Code Development - (En-Ching , Nicky, Eli)
 - Water Quality Module Development (Hari, Ming-Yen, Myint)
 - Sediment Transport Development (Jamie)
 - Mercury Model Development – Reed Harris (Jamie)
 - Particle Tracking Code Development – Collaboration with NOAA, USGS (Xiao)

Develop and Expand Features of Decision Support Tools (cont)

- DSM2v8 Development and Maintenance –
 - DSM2 bathymetry generator short tutorial (Lianwu)
 - DSM2 Calibration (Nicky)

Outside DWR Interaction

- DSM₂ UG Newsletter (Min et al)
- Questions (Min)

Staff

- New Staff Wenli Yin
- Update on Ralph Finch
- Will be hiring a new Senior Engineer

