

Update: Assembly Bill 1755 The Open and Transparent Water Data Act



Chaptered September 23, 2016
found in California Water Code
Sections 12400 to 12420



Tasks of AB 1755

1. Coordinate and integrate existing water data
 2. Develop protocols
 - data sharing, documentation, quality control, public access, and promotion of open-source platforms and decision support tools
 3. Create, operate & maintain a statewide integrated water data platform
- DWR responsible to perform tasks 2 & 3
 - In consultation with Monitoring Council, State Water Board, and Department of Fish and Wildlife

Task Schedule

- Protocols report to Legislature 1/1/2018
- Strategic plan to guide implementation 1/1/2018
- Request for proposals 4/1/2018
- State agency water & ecological data 9/1/2019
- Federal agency water & ecological data related to CA water supply and mgmt. 8/1/2020
 - From USBR, USFWS, NOAA, USGS, USFS
- Other existing water & ecological data from federal, state, & local agencies and academia 8/1/2020

Driver: California Water Plan Update 2013

💧 Objectives to achieve Essential Actions

#10 – Improve Data, Analysis, and Decision-Support Tools

💧 *Improve and expand data management, analysis, and decision-support tools to advance integrated water management, given demographic, land use, climate, environmental, and institutional uncertainties.*

💧 Improve Water Data and Information

💧 Improve Data and Information Exchange

💧 Improve Analytical Tools

DWR / CCST / UC Water Workshops

- 💧 Examine and articulate “who needs what data, in what form, to make what decisions?”
- 💧 Develop draft use cases to inform platform development
- 💧 February 9
 1. SGMA – Groundwater recharge project planning
 2. Financing groundwater recharge under Prop 1
 3. Managing environmental flows for salmon
- 💧 May 8
 4. Groundwater basin water budgets
 5. Delta hydrographs
 6. Water transfers for ecosystem flows
 7. Headwater restoration capital investment
 8. Wetland mitigation and monitoring – CWMW

Next Steps

- 💧 Refine existing use cases and data requirements
- 💧 Add more use cases?
- 💧 Technical Synthesis Workshop – July in San Diego
 - 💧 Goal: Building a decision support system to improve water resource management and advance hydrologic research
 - 💧 Use cases inform development of technical/functional requirements
 - 💧 Multi-source data integration from existing data repositories
 - 💧 Data repository – trusted data archive
 - 💧 QA/QC, traceability, version control, object identifiers

Monitoring Council Efforts

- 💧 Data Management Steering Committee
 - 💧 Co-Chairs
 - 💧 Chris McCready, DWR
 - 💧 Karen Miner, DFW
 - 💧 Greg Gearhart, SWRCB
- 💧 Tasking Data Management Workgroup to develop
 - 💧 Data Management Plan template/guidance
 - 💧 Open Data Handbook
 - 💧 Input on data sharing protocols
 - 💧 Data readiness assessments by organization
 - 💧 Guidance for data literacy