AB 1755 Progress Summary – February 2019

Implementation Spotlight – Project 1 – Data Inventory

Project 1 – Identify and Inventory Datasets responsive to AB 1755 legislation
- Completed Project Charter
- Fish and wildlife inventoried 14 datasets
- DWR inventoried 10 datasets
- SWRCB inventory is in progress. Expecting to inventory hundreds of datasets

0 - Program Management
- "early engagement" template submitted to DOF
- SFL request denied, challenged by Agency; proposal will go forward as May Revise
- BCP narrative under development; will need to explain use of existing positions
- One-page summary prepared for Governor's transition binder (Gary/Beth)

1 – Data Inventory
Covered in Implementation Spotlight

2 - Publication of State-held water and ecological datasets
- Drafted project charter
- Data publication dashboard under development
- DWR – Set up initial meetings with data programs:
  - Urban Water Management Plans (WUE)
  - Water Transfers (SWPAO)
  - Water Exchanges (SWPAO)
  - Reservoir Operations (O&M)
- SWRCB – Interviewed and assessed data used by 65 (45 pending) program managers, including
  - Division of Water Rights
  - Division of Water Quality
  - Division of Financial Assistance
  - Office of Enforcement
  - Office of Delta Watermaster
  - Division of Drinking Water
  - Division of Administrative Services
- CDFW – Datasets identified in inventory already published on BIOS and CRNA

3- Protocols
No progress on this project

4 - Interoperability Testbed(s)
- Drafted project charter
- Looking at 5 use cases
  - Water budget / balance
  - Mercury (Rafa)
  - UWMP / AGWMP (NSF big data hub $20k)
  - IEP (George)
  - SGMA framework for AEM data

5 - Data into Information
- First charter drafted, second charter in process
- First Project - Water budget developed from raw data sources on federated portals
- Second Project – use unimpaired flow as indicator of watershed health – connection to CalMAIN
- Demonstration of value of open data for developing information for decision making

6 - Outreach/Coordination
- Drafted project charter
- AB 1755 website updated with topic areas and agency contacts
- New deliverable proposed: August 2019 Progress Report
- Water Plan contacted (2/12) by New Mexico water manager re: legislation similar to AB 1755; Gary directed to respond

7 – Civic Engagement
- SWRCB (Greg Gearheart) convened initial team call Data Challenges on Monday, February 11
- Larger discussion on role of AB 1755 in Water Data Challenges in extended team meeting on February 20

8 - Governance
- Third Water Data Advisory Council meeting occurred on Friday, February 15, in Oakland
- PAT will have Opportunity to review draft recommendations Report, concurrent with AC

9 - Open Data Platforms	10 - Data Discoverability
• *Determined to not be a project, will be removed from future updates*	• Draft project charter circulated 2/6/19 • Preliminary research on keywords and related issues has begun

AB 1755 Accomplishments Summary

- January 2018
    - Progress Report
    - Draft AB 1755 Strategic Plan
    - Draft Protocols Report (including initial governance structure)
    - Data for Water Decision Making (UC Berkeley Report)
    - Open Water Information Architecture (UC San Diego)
- April 2018
    - Progress Report
    - Final AB 1755 Strategic Plan
    - Initial Protocols Report
- May 2018
    - Redstone Governance Report
- 1200+ datasets available on California Natural Resources Agency Open Data Platform (data.cnra.ca.gov)*
    - California Department of Fish and Wildlife – 1006 datasets
    - California Department of Water Resources – 89 datasets
    - California Energy Commission – 43 datasets
    - California Water Commission – 1 dataset
    - Ocean Protection Council – 32 datasets
- 1700+ datasets available on California Open Data Portal (data.ca.gov)*
    - Natural Resources – 1174 datasets
    - Health & Human Services – 383 datasets
    - Water – 116 datasets (25 from SWRCB)
    - Economy and Demographics – 74 datasets
    - Government – 16 datasets
    - Transportation – 6 datasets
- 1 significant report published using data available on CNRA (from SWRCB)

*Note: number of datasets does not represent level of effort. Different datasets represent vastly different levels of effort and complexity. For example, a dataset on groundwater levels is significantly more complicated to create, quality control, and produce compared to a dataset detailing the boundary of the legal delta, which was definitively established in water code section 12220.