SB 1070 Report: Draft Annotated Outline

Chapter 1: The data portal concept

- Describes the need for summarized and integrated data/information on key issues, as well as for access to data at different levels of spatial and temporal scales. Refers to language in SB 1070, and other reports and/or policy statements
- Describes barriers that currently make it difficult or impossible in many cases to access such data/information. Refers to other reports on data integration and access
- Describes themes as an organizing principle, defines what a theme is, and lists major themes and subthemes relevant to CA
- Describes theme-based data/information portal as a single, coordinated access point for data/information about major questions. Defines functional criteria for effective portals, recognizing that different formats and structures may be required by the nature of the issue and/or the underlying data
- Provides an example of one or two effective portals

Chapter 2: Data portal design elements

- Describes the key design elements that should be present in every portal
- Describes how portals should function, what users should be able to do
- Proposes the US EPA's 10 Elements of a State Water Quality and Assessment Program as a template for the functional design of data portals, with the emphasis on statewide standardization and consistency of technical elements such as monitoring design, data management, data analysis and assessment

Chapter 3: Current portals assessed

- Applies the 10 elements as an evaluation framework to a cross-section of current CA data portals
- Provides an assessment of where we stand in terms of the needs, functions, and barriers described in Ch. 1 and the portal design elements described in Ch. 2
- Scores provide a semi-quantitative measure of how close to/far from ideal the state is for the major themes and subthemes
- Scores also provide a structure for developing an implementation plan, i.e., defining what must be done to bring all scores up to the level of 8 – 10
- Presents and discusses the scoring table, with more detailed analyses of each portal perhaps in an appendix
- Prioritizes the candidate data portals, with higher priorities the more immediate candidates for further development

Chapter 4: Implementation plan

- Defines three aspects or levels of implementation: individual portals, broader entry point (CEDEN?) for all themes, cross-cutting issues related to monitoring designs, assessment methods, data integration and access tools and infrastructure

- Describes the actions needed to bring the higher-priority portals up to a score of 8 – 10 on all 10 elements, using the current assessment as a starting point
- Describes the actions needed to create a (or modify an existing) website to act as the global entry point to the portals for all themes
- Describes the actions required to design, impalement, and maintain the organizational and technical infrastructure needed to support the portals. Much of this already exists and the emphasis should be on building on or extending current capabilities

Chapter 5: Recommendations

- Describes the actions The Resources Agency and CalEPA must take to initiate and complete the implementation plan, including new policies (if required), management structures, staffing, and infrastructure capabilities