Outline / information template for Phase 1 report: Core indicators Workplan
DRAFT 5/9/2006

1. Purpose *(Science program will do first draft, review by Subcommittee)*
    - Describe purpose of this performance measures effort
    - Describe purpose of this document

2. Approach *(Science program will do first draft, review by Subcommittee)*

    Overview

    Roles and responsibilities
    - Roles and responsibilities of agencies and CBDA
    - Table: list of implementing agencies for CALFED for program elements / objectives
    - Structure of groups working on this
    - Environmental justice considerations

    Describe phases and products
    - Describe that this will be iterative process – products for both technical and non-technical audiences
    - Phase 1: Select example core indicators and design a workplan to evaluate and complete them
    - Phase 2: Develop and evaluate core indicators; display information on web
    - Phase 3: Review and revise core indicator information; develop information for non-technical publication
    - Phase 4: Refine core indicators, plan to fill gaps, complete a more comprehensive set of indicators

    Science review
    - Describe purpose of science review and when it will occur in process (at the end of each phase)
    - Describe who reviewers will be or how they will be selected

    Process for broader review and input
    - Overall, describe process for agency, stakeholder and technical input
    - Describe specific steps: ACT, subcommittees, agency directors, BDPAC
    - Describe how input will be incorporated

3. Framework summary *(Science program will do first draft, review by Subcommittee)*
    - Framework diagram
    - Explain key terminology
    - Explain how indicators are integral part of strategic planning and implementation

4. Goals and Core Indicators
    - Introduction: Criteria or reason for focusing on selecting "core" indicators. Emphasize that others will be developed later. *(Science program will do first draft, review by Subcommittee)*
    - Short Narrative for each program objective describing the program objective and a rationale for selecting core indicators *(Subgroups will provide)*
        - List of core indicators & relationship to goal (See table 1 below for example) *(Subgroups will provide)*
        - information inventory (See table 2 below) (breakout table of information in appendix) *(Subgroups will provide)*

5. Resources needed *(Subgroups will do first draft, Review by subcommittee)*
- Summarize information inventory and explain why additional resources are needed to complete this effort. Breakdown resource needs by:
    - Staff needed to complete data compilation, analysis and information product
    - Monitoring data needed to evaluate outcome indicators
    - Monitoring data needed to evaluate driver indicators
    - Additional resources needed to complete or refine conceptual or quantitative models

6. Next steps and tentative schedule (*(Subgroups will do first draft, Review by subcommittee)*
    - Outline next steps to be completed
    - Provide tentative schedule and description of deliverable products if resources described in #4 are available
    - Provide tentative schedule and description of deliverable products if no additional resources are available

Chapter 4 Goals and Core Indicators: Table 1: Relationship of Program Goals to Core Outcome Indicators

WSR: Reduce the mismatch between Bay-Delta water supplies and current and projected beneficial uses dependent on the Bay-Delta system.

ERP: Improve and increase aquatic and terrestrial habitats and improve ecological functions in the Bay-Delta to support sustainable populations of diverse and valuable plant and animal species.

WQ: Provide good water quality for all beneficial uses.

Levees: Reduce the risk to land use and associated economic activities, water supply, infrastructure and ecosystem from catastrophic breaching of Delta levees.

Core program objective	Strategic Objective	Long-Term Performance Objective	Performance Goal or Target	Outcome Indicator
WSR				
ERP				
WQ1	Provide safe, reliable, affordable drinking water by maintaining water quality at the intakes.[1]	Provide water at the Delta intakes that meets all compliance requirements 100% of the time.		Water Quality at the pumps: percent compliance (all constituents)
WQ 1a	"	Provide 50 ug/l bromide at the Delta intakes (or ELPH)[1]		Water Quality at the Delta pumps. – salinity/ bromide
WQ 1b	"	Provide 3 mg/l total organic carbon at the Delta intakes (or ELPH)[1]		Water Quality at the Delta pumps – organic carbon
WQ 1c				Water quality at the Delta pumps: nutrients
WQ 2	Provide safe, reliable, affordable drinking water with an equivalent level of public health protection	Provide water at the tap (for service areas with Delta water sources) that meets all compliance		Water quality at the tap (Delta water source providers): percent compliance (all

1 From CALFED Record of Decision page 65

	(ELPH) by using a cost-effective combination of alternative source waters, source control and treatment technologies.[2]	requirements 100% of the time.		constituents)
WQ 2a	"	Provide water quality at the tap that meets health standards for disinfection byproducts.		Water quality at the tap (Delta water source providers): disinfection byproducts.
WQ 2b		Provide water quality at the tap that meets health standards for other major WQ constituents		Water quality at the tap (Delta water source providers): Major constituents
WQ 2c		Provide water quality at the tap that meets taste and odor standards		Water Quality at the tap: Taste and odor
Levees				

<<<provide footnote (or endnotes?) that references which program document it came from>>>>

[2] From CALFED Record of Decision page 65.

Chapter 4 Goals and Core Indicators: Table 2: Information Survey: Core outcome indicators Summary

DATA IN THIS TABLE IS FOR ILLUSTRATION PURPOSES ONLY _ NOT REAL DATA

	OUTCOMES					DRIVERS			
Core objective	**Outcome**	**Conceptual model**	**Quantitative model**	**Past monitoring data**	**Current / future monitoring data**	**Driver key word**	**Driver Conceptual or quantitative model**	**Driver Past monitoring**	**Driver Current/ future monitoring**
WQ1	Water Quality at pumps	3	2	4	4	Delta hydrodynamics	3	3	2
						Org carbon sources	3	2	1
						Salinity sources	2	3	3
						Nutrient sources	2	1	2
WQ2	Water Quality at tap	2	2	3	3	Water quality at pumps			
						Alternate sources			
						Treatment technology			
WQ3	Direct toxicity to aquatic life								
WQ4	Bioaccumulative contaminants								
ERP1	Salmonids								
ERP2	Delta Smelt								
ERP3	In-stream flows								

Key:

--: not applicable

0 = no information available 1 = minimal information available 2 = some information available, but major gaps

3 = information is fairly comprehensive, minor information gaps 4 = information is complete