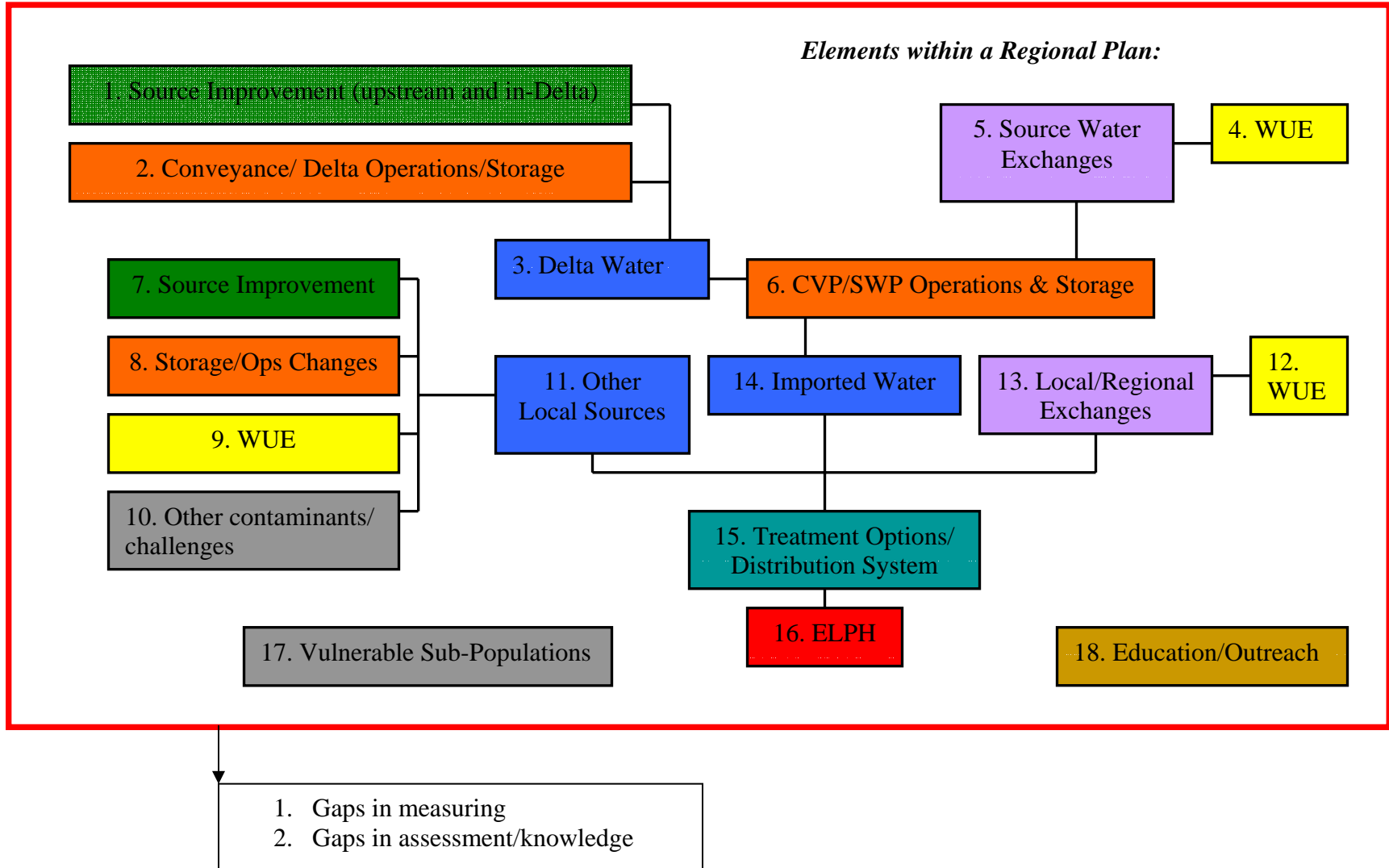


# DWQP Performance Measures Plan Structure

## Regional ELPH Planning



**BACKGROUND:**

Provide initial baseline for the program: Construct a water quality broad-brush baseline based on some period of history (say within last 10 years, with requisite caveats re hydrology), focusing on key source water locations and representative treatment plants. Include major activities which have influenced water quality (projects, regulatory actions). [This will evolve as our performance measurement informs the program, and as regional plans inform the program. This may also trigger some important science and policy questions.]

**1. Source Improvement (upstream and in-Delta)**

The goal is to assess water quality improvements at the project-level and determine a) how measurable they are, b) how far they extend beyond the project, c) how transferable improvement activities are to similar water quality impairments, d) the potential improvement with broad regional/state application, and e) the economics of the activity.

This goal requires coordination with Watershed Program activities implementing water quality improvements.

The program will seek assistance from implementing agencies EPA, SWRCB and RWQCB (and DWR?) to assess context of CALFED activities within the broader activities of these agencies.

**2. Conveyance/ Delta Operations/Storage**

The goal is to assist the Conveyance and Storage Programs by providing them with the drinking water quality context for their projects, with water quality improvement needs and economics in the Delta, and with significance criteria for project evaluations.

This goal requires coordination with the Conveyance, Storage, and Levee Program activities which include water quality benefits.

The program will seek assistance from implementing agencies DWR, EPA, SWRCB and RWQCB and DWR to assess context of CALFED activities within the broader activities of these agencies (including regulatory responsibilities).

**3. Delta Water**

The goal is to develop a baseline picture of Delta water quality, to determine if there are seasonal improvements that are more important than annual ones, to determine the ability to physically see water quality improvements in the Delta given the current regulatory structure, and to estimate what upstream and in-Delta water quality improvement actions would result in if not limited by current operations. The goal is also to inform the regional ELPH plans as to the capability/economics of Delta water quality improvements.

**11. Other Local Sources**

The goal is to better understand the water quality needs, unique challenges, current planning activities, and improvement capacity of local water utilities.

The program will use the regional profiles effort initially, and then explore outreach to local utilities (through regional ELPH plans where possible).

#### 14. Imported Water

The goal is to understand the extent of opportunities for water quality improvement in conveyance and storage facilities from the Delta to Southern California.

The program will coordinate with DWR and DHS to determine availability of information.

#### 15. Treatment Options/ Distribution System

The goal is to understand the ability of water utilities to meet current regulatory requirements, and to understand their ability to meet the regulatory requirements assumed in the ROD. This measure would also assess the status of treatment technology current employed, planned, and studied through CALFED grants, and present this information to a science panel to determine the appropriateness of funding treatment technology demonstration projects.

#### OTHER

A parallel effort with the measurement of program performance should be the development of a Public Health Index (or ELPH endpoint). Such an index would provide guidance and constituents to measure with regions, and context for the progress needed within regions to achieve the overall ELPH goal.