

Common Assumptions Background

“The CALFED Common Assumptions is an effort to establish common baseline conditions from which the various water storage investigations can assess the feasibility of their projects.”

-- *BDPAC WSS Discussion Document dated Feb. 24, 2003*

(http://calwater.ca.gov/BDPAC/Subcommittees/WaterSupply/WSS_MeetingNotes_2-24-03/WSS_CommonAssumptions_DiscussionDocument_2-24-03.pdf)

Common Assumptions

Surface Storage Investigations

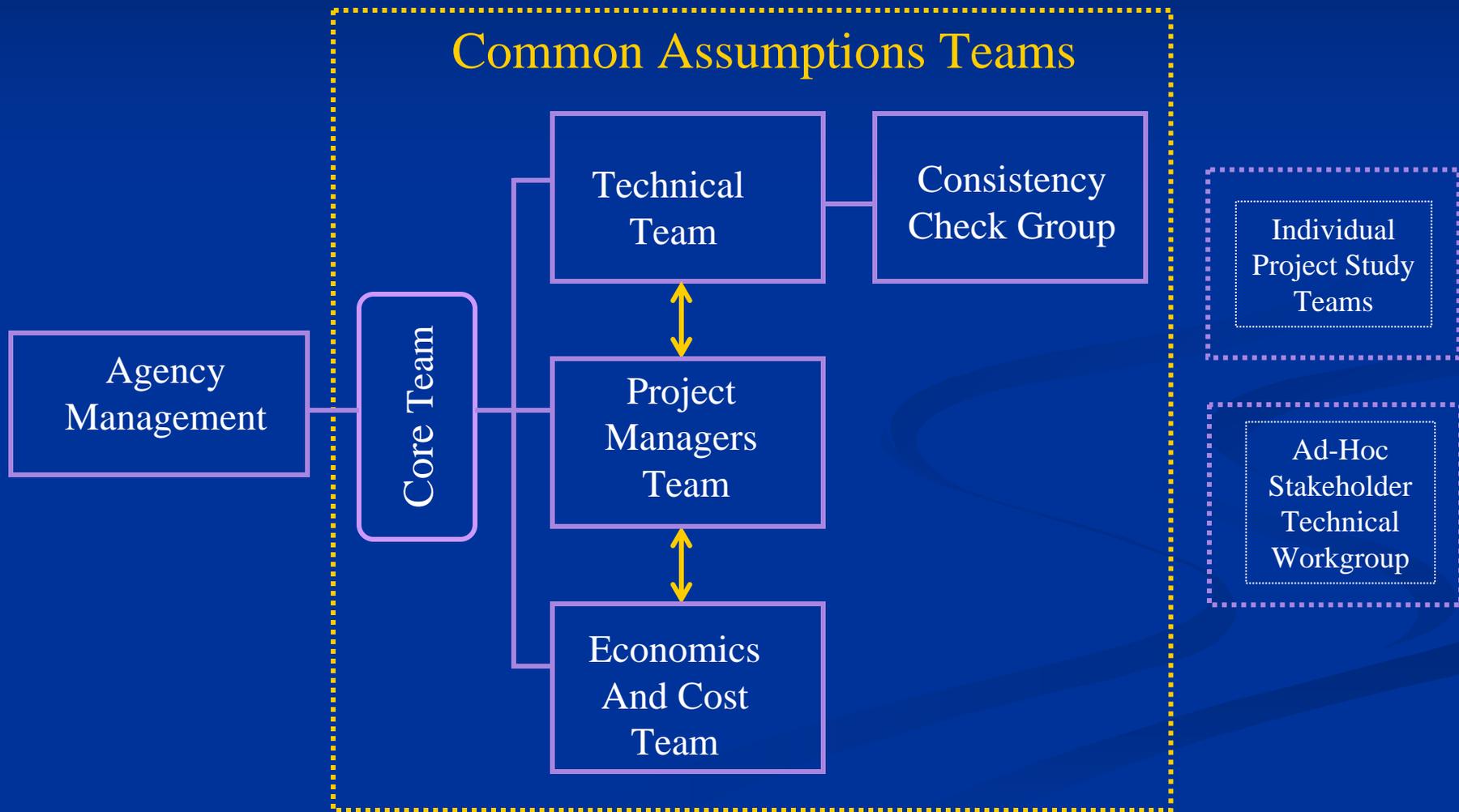
- Shasta Enlargement
- North of Delta Offstream Storage
- In-Delta Storage
- Los Vaqueros Expansion
- Upper San Joaquin Basin Storage

Common Assumptions

Objectives

- Resolve technical and policy issues associated with modeling.
- Facilitate use of both *common* model tools and *project-specific* tools.
- Develop setting where all CALFED storage project study team members may identify problems, check results and present solutions

Common Assumptions Structure



Common Assumptions

DSM2 Inputs – Interim Baseline

TABLE 3-1
DSM2 Inputs
Interim Common Assumptions Baseline

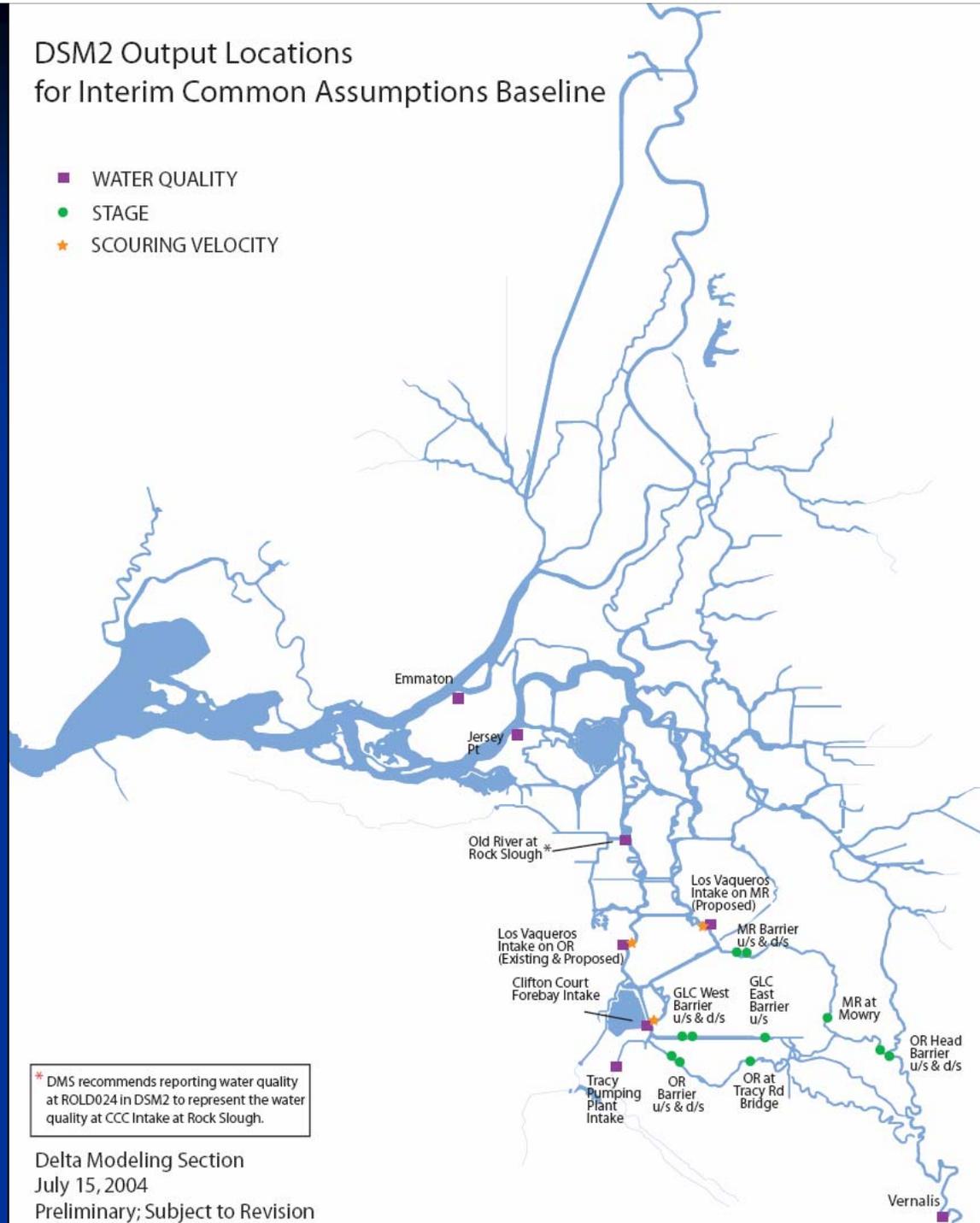
	Future No-Action Condition
Period of Simulation	16 years (1976-1991)
Boundary Conditions	
Boundary flows	CALSIM II output (<i>alternatives provide different flows and exports</i>) ^f
Boundary Stage	15-minute adjusted astronomical tide
Ag flows (DICU ^b)	2020 Level, DWR Bulletin 160-98
Martinez EC	CALSIM II Net Delta Outflow & G-model ^c
Tributary Boundary EC	CALSIM II output ^d
Ag Return EC	MWQI data
Facilities Operations	
Delta Cross Channel (DCC)	CALSIM II output
South Delta barriers	Permanent barriers, operation based on CALSIM II SJR river flow

Source: Interim Common Model Package, Modeling Protocol and Assumptions, 1-11-2005, Pg 3-1

Common Assumptions DSM2 Output Locations – Interim Baseline

DSM2 Output Locations for Interim Common Assumptions Baseline

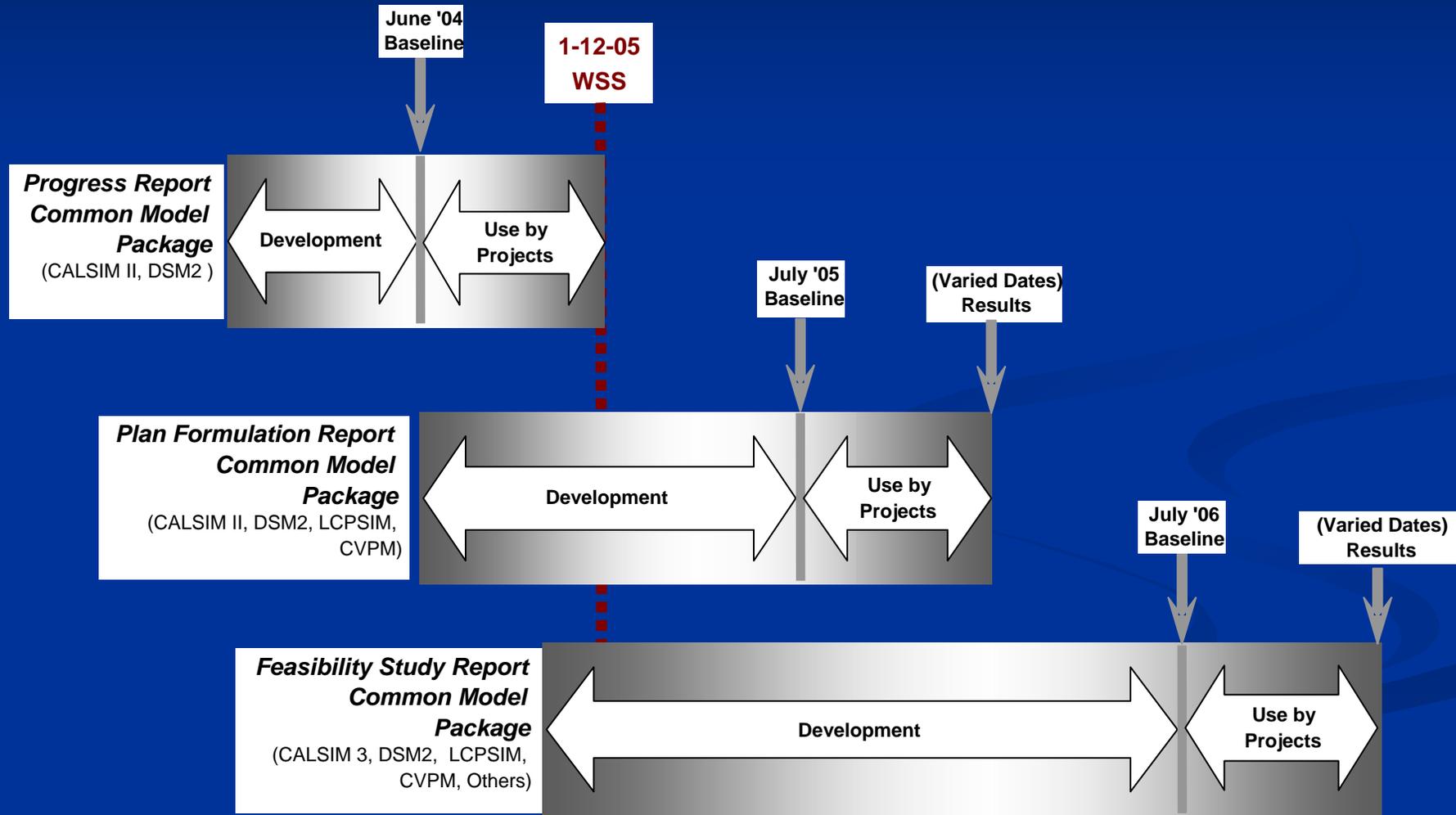
- WATER QUALITY
- STAGE
- ★ SCOURING VELOCITY



* DMS recommends reporting water quality at ROLD024 in DSM2 to represent the water quality at CCC Intake at Rock Slough.

Delta Modeling Section
July 15, 2004
Preliminary; Subject to Revision

Common Assumptions Common Model Packages



Common Assumptions

More Information

- Website:

<http://calwater.ca.gov/BDPAC/Subcommittees/WaterSupplySubcommittee.shtml>

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