



Update on Crystal Springs Calibration Target

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May 23, 2011

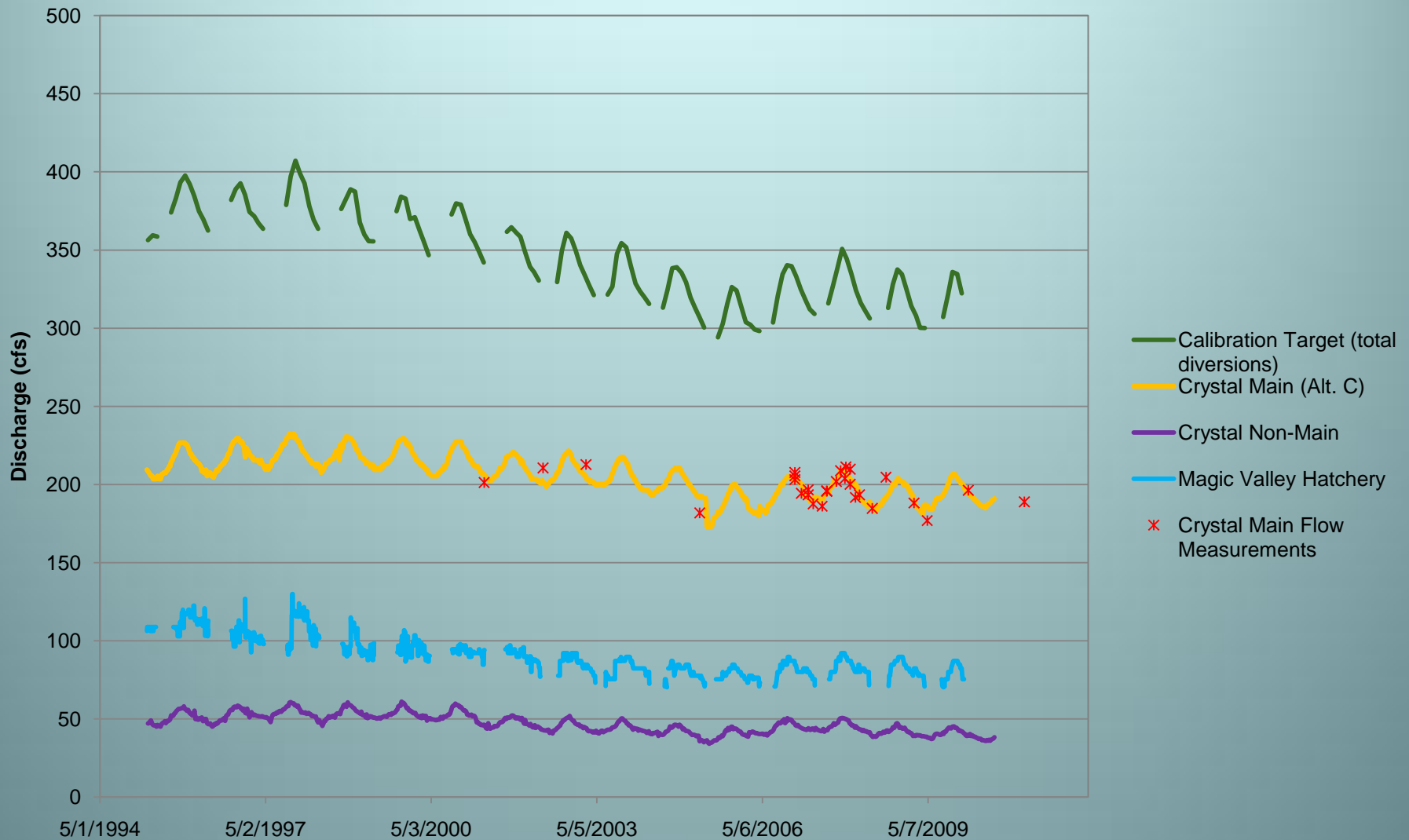
Crystal Springs Calibration Target

- Data set developed from flow records submitted to Watermaster was determined to be inconsistent with other records submitted to IDWR
- IDWR presented a data set in March 2011 that used two historic rating curves for the Crystal Main diversion. The ESHMC concluded that the historic rating curves did not consistently represent seasonal amplitude.
- IDWR developed alternative rating curves for the Crystal Main diversion from available measurement data and provided memo dated April 8, 2011 for ESHMC review
- Alternative C was selected for use in the calibration data set based on responses received.

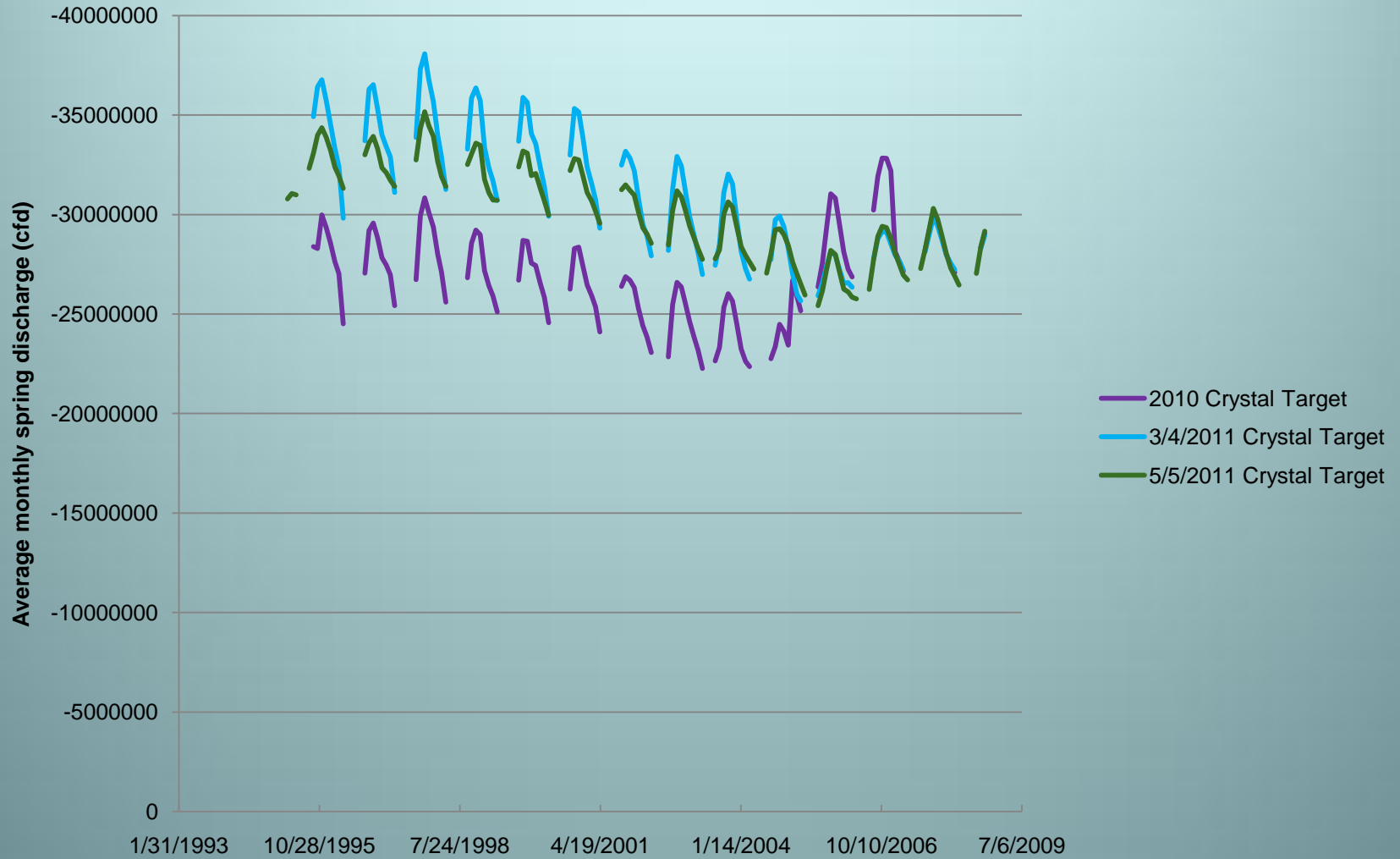
Crystal Springs Calibration Target

- Alternative C uses two linear rating curves with same slope. A gage shift was applied in May 2005. Representation of seasonal amplitude is more consistent than in superseded targets.
- Use of non-linear rating equations for the Crystal Main diversion did not improve correlation with flow measurements.

New Calibration Target (Alt. C)



Comparison with superseded calibration targets



Comments/Questions?

Alternative Crystal Main rating curves

