

**Tauriainen, Andrew@Waterboards**

**From:** O'Hagan, John@Waterboards </O=MMS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=O'HAGAN, JOHN@WATER7B72A79A-DD76-4B3C-B470-A3BF3B5BCDD7939>  
**Sent:** Friday, May 01, 2015 12:56 PM  
**To:** Howard, Tom; Trgovcich, Caren@Waterboards; Grober, Les@Waterboards  
**Cc:** Evoy, Barbara@Waterboards  
**Subject:** FW: Water Right Curtailment Calculations  
**Attachments:** O'Hagan Memo 2015-05-01.pdf

Tom and Caren,

Just got this from Marc Van Camp. He does not support all post-1914 curtailment in May. The major differences is how we treat the Delta, and he eliminates demands on Cache and Putah which both have flows. I informed Marc that we also looked at maximum diversion rates on the 2014 informational order, and that rate exceeds average.

"Based on the attached graphic, similar to the Division's but with the adjustments identified above, the available supply exceeds the riparian and pre-1914 demand in the Sacramento River system for 2015 in the month of May. This would support the curtailment of most post-1914 water rights in May, and likely all post-1914 water rights in June 2015. As you can see, the base flow or natural flow of the Sacramento River system falls below the estimated 2015 combined demand of pre-1914 and riparian claims in June. Fortunately, the estimated available supply is adequate to satisfy the estimated 2015 demand for the riparian claims and many pre-1914 claims. Also, fortunately, based on a review of your database, many of the pre-1914 claims are using previously stored water pursuant to settlement agreements with Reclamation or the Department of Water Resources."

John O'Hagan, SWRCB Water Rights Division  
Water Right Curtailment Calculations  
May 1, 2015  
Page 4

available supply is adequate to satisfy the estimated 2015 demand for the riparian claims and many pre-1914 claims.

**From:** Marc VanCamp [mailto:Vancamp@mbkengineers.com]  
**Sent:** Friday, May 01, 2015 12:20 PM  
**To:** O'Hagan, John@Waterboards  
**Subject:** Water Right Curtailment Calculations

John:

Pursuant to our discussion please find attached my memorandum relative to the water right curtailment calculations. We look forward to working with you to continue improvements to the data and calculations. Please call if you have any questions.

**Marc Van Camp**  
[vancamp@mbkengineers.com](mailto:vancamp@mbkengineers.com)

**MBK**Engineers

455 University Avenue, Suite 100

