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Sent: Monday, January 12, 2015 11:41 AM
To: Ortiz, Aide@Waterboards ; Scroggins, Matt@Waterboards; Ortiz, Aide@Waterboards
Cc: Jim Anderson
Subject: Pond Capacity Matrix

The question of where 5,107,194 gallons of required capacity for October came from:

The total maximum capacity available in the ponds is 44,791,478 gallons.

The total available capacity in September 2014 was 39,845,060 gallons.

The actual capacity utilized in September 2014 was 4,946,418 gallons.

The 100 year water balance for a flow of 0.85 mgd shows a required capacity of 160,776 gallons in October if the ponds were dry in September.

Since there was 4,946,418 gallons of capacity taken in September, this value is added to 160,776 gallons to result in 5,107,194 gallons necessary in October.

The spreadsheet would change each year due to the actual capacity used each September.

We can show the maximum capacity required in the logic as discussed, however, the intent is that the graph in the spreadsheet will show this and will be updated each month as the freeboard entries are made.

Please let me know if you have questions.

Thank you.

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