

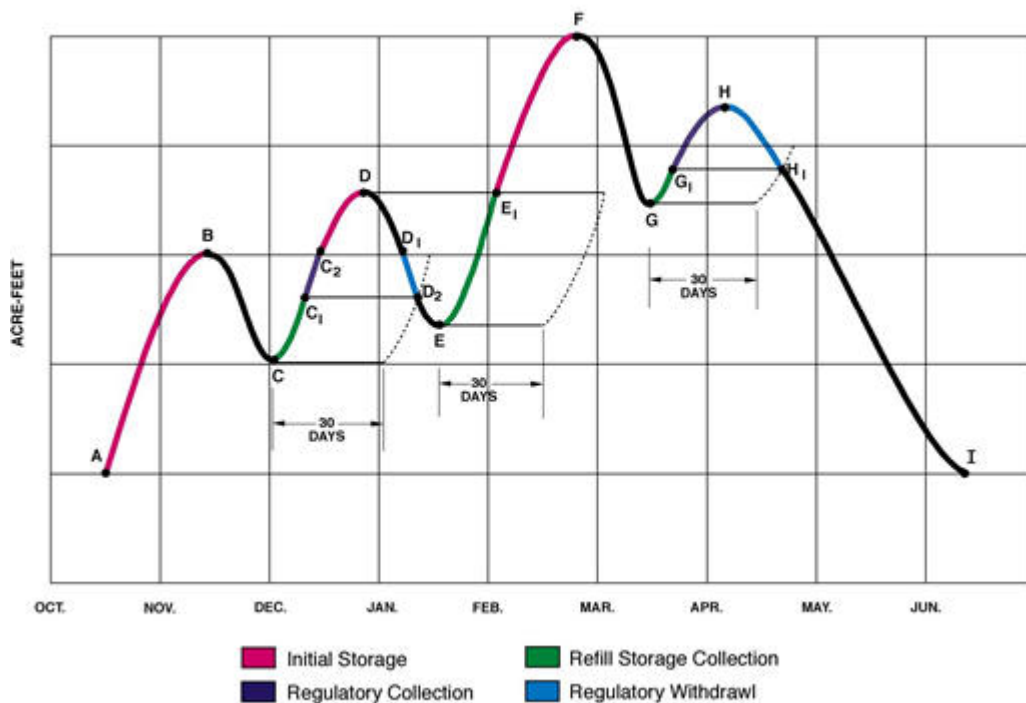
## Storage/Regulatory Determination for Reservoirs Filled in Whole or Part More Than Once During a Single Water Year

For reservoirs that are operated with water collected, withdrawn and refilled in whole or part more than once during a single water year, that portion which is refill of any initial storage must be analyzed using the 30-day rule. Title 23, Div. 3, CCR, §657 states:

"Regulation of water means the direct diversion of water to a tank or reservoir in order that the water may be held for use at a rate other than the rate at which it may be conveniently diverted from its source. For Licensing purposes, refill, in whole or in part, held in a tank or reservoir for less than 30 days shall be considered regulation of water."

Refer to the figure below (Click to enlarge)

### SAMPLE HYDROGRAPH



CHA0242

1. **A-B**, **C<sub>2</sub>-D** and **E<sub>1</sub>-F** constitute initial collection to storage.
2. Refill of initial storage **C-C<sub>2</sub>**, **E-E<sub>1</sub>** and **G-H** must be analyzed to determine if all or part of refills were released within 30 days.
  - a. Withdrawal **D<sub>1</sub>-D<sub>2</sub>** occurred within 30 days, therefore **C<sub>1</sub>-C<sub>2</sub>** is considered regulatory. **C-C<sub>1</sub>** is determined to be collection to storage.
  - b. Analyzing **E-E<sub>1</sub>** results in no withdrawal of this water within a 30-day period. Therefore **E-E<sub>1</sub>** is considered collection to storage.
  - c. On analyzing **G-H**, it is determined that **G-G<sub>1</sub>** is held for 30 days or more and therefore is considered collection to storage. **H-H<sub>1</sub>** was withdrawn within a 30-day period. Therefore **G<sub>1</sub>-H** is considered regulatory storage.
3. The total storage is comprised of **A-B**, **C-C<sub>1</sub>**, **C<sub>2</sub>-D**, **E-E<sub>1</sub>**, **E<sub>1</sub>-F** and **G-G<sub>1</sub>**.
4. Since **C<sub>1</sub>-C<sub>2</sub>** (**D<sub>1</sub>-D<sub>2</sub>**) and **G<sub>1</sub>-H** (**H-H<sub>1</sub>**) are considered regulatory, the total withdrawal from storage is comprised of **B-C**, **D-D<sub>1</sub>**, **D<sub>2</sub>-E**, **F-G** and **H<sub>1</sub>-I**.