



Springbrook

Cirrus Cloud Allocation Billing:

Easy management of multiple tiers and rates

A water billing solution designed specifically for California utilities

Our Allocation Billing solution promotes sustainable water usage and fairness in billing rates by utilizing a billing structure designed with input from various water authorities and districts. It addresses the challenges posed by changing climates and provides a flexible billing solution.

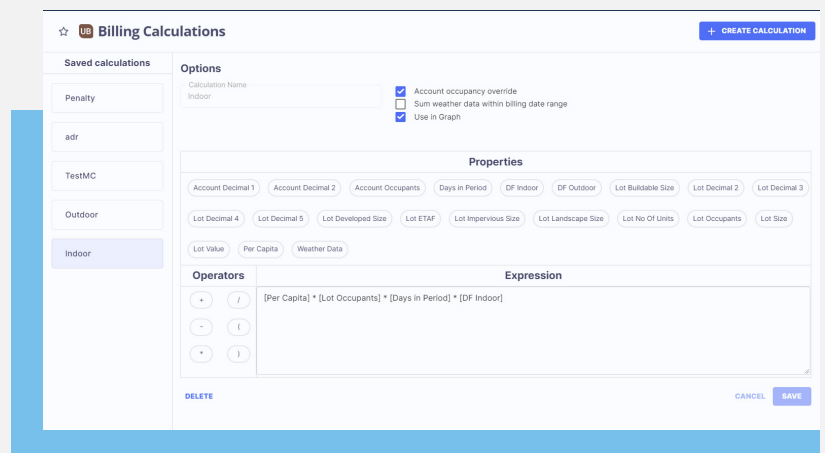
Sophisticated calculation rules

Springbrook's Allocation Billing addresses the complexity of multiple variables affecting water usage and billing with its advanced calculation rule. It takes into account various factors such as lot, account, and conservation data to accurately determine consumption and billing for each account, without the need for rate increases.

We solved it for you!

Common scenarios resolved with our billing calculation rules:

- 55 gallons per person per day * number of people in household * days in billing cycle * drought factor indoor / 748
- (Number of residents * 50 * days in billing cycle) + (Evapotranspiration * irrigated landscape acres * .75)
- 55 gallons per day * number of people in household * days in billing cycle / 748
- Landscape Size * Monthly Evapotranspiration * Landscaping Factor * 0.62 / 748
- (Number of residents * 50 * days in billing cycle) + (Evapotranspiration * crop co-efficient * 1.25 * Landscape Area)
- Landscape Size * Monthly Evapotranspiration Rate * Plant Factor / 12 / 100



Under the hood

How tiered Allocation Billing works

Allocation Billing by Springbrook allows water usage to be billed based on "budgeted allocations" rather than on actual consumption. This system takes into account various factors such as lot, account, and conservation data, to determine the consumption to be billed to each account. It comprises of two primary components, the "indoor" and "outdoor" budget, each with their calculation rule. Billing tiers will be implemented for each budgeted rate, which enable rate increases when usage exceeds allocated amounts. This functionality builds on Springbrook's existing multi- tiered rate structure which already supports percentage-based consumption tiers for certain use cases.

Water agency examples

Service Rate Maintenance

GENERAL CONS LEVELS WINTER AVERAGE \ TAXES PERCENTAGE BASED CONS LEVELS **ALLOCATION LEVELS**

UPDATE CANCEL + ADD DELETE

Cons Level	Level Label	Billing Rule	Top Level	Rate
1	Indoor Efficient	Indoor	<input type="checkbox"/>	2.72000000
2	Outdoor Efficient	Outdoor	<input type="checkbox"/>	3.11000000
3	Inefficient	Penalty	<input type="checkbox"/>	6.78000000
4	Excessive		<input checked="" type="checkbox"/>	8.52000000

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CANCEL SAVE

Billing calculation rules

The system's foundation is based on detailed billing calculation rules, which are utilized to create expressions that determine a particular account's allocated amount for a billing period. These rules can be managed similar to Slip Maintenance, giving agencies the ability to have multiple rules. These rules guide the billing process by determining consumption levels through service rates, allowing the Billing Calculation Rule to determine the appropriate consumption for each account it is connected to.

ACCOUNT BALANCE SUMMARY **ACCOUNT HISTORY** BALANCE HISTORY CREDIT HISTORY DEPOSIT HISTORY

History From 8/8/2021

EXCEL EXPORT CSV EXPORT COLLAPSE RESET GRID DEFAULTS COLUMNS TOGGLE GROUPING

Trans...	Trans...	JE Da...	Desc...	Recei...	Total	Water0	Sewer	Garb...	Misc	Penalty	Electric	Test ...	Test
6/8/2022	Billing			00000000	\$38,87...	\$38,87...	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Water0	Res		Consumption		\$38,862.79			\$0.00		0.00		0.00	

Level	Calculation name	Consumption	Amount
1	Indoor	3,300.00	\$8,976.00
2	Outdoor	3,576.30	\$11,122.29
3	Penalty	2,062.89	\$13,986.39
4		560.81	\$4,778.10