



Water Neutrality Ordinance Calculator

New or Enlarged Pools, Spas, Ponds, and/or Water Features

To learn more about water neutrality, please visit sustainable.sm.org/water, call 310-458-8972 ext. 2, or email savewater@smgov.net

What is Water Neutrality?

A code that caps water use for new developments and new or enlarged pools, spas, water features, ponds by limiting the project to the historical use for that individual parcel.

Why is the City doing this?

Santa Monica is committed to eliminating imported water to achieve water self-sufficiency by 2020. By implementing water neutrality and maximizing water conservation, local ground water supplies, and alternate water supplies (graywater, rain water, recycled water), all of the city's water needs can be met.

1. Required Project Information

i Project Address

ii Applicant Name / Contact Email / Phone Number

2. Water Neutrality Ordinance calculator for single-trade permits for new or enlarged pools, spas, ponds and/or water features.

You will need to offset the annual water used by your new or enlarged pool, spa, water feature and/or pond. You have 3 options. Choose one of these options and then complete the offset formula below:

OPTION 1: CITY DIRECT INSTALL

The City's contractor will install a toilet in a building selected from the City's direct install wait list. You pay the City an in-lieu fee to cover the cost of the installation. No additional permit fees apply. Payment required prior to issuance of building permit.

OPTION 2: RETROFIT YOUR PROPERTY

You determine the fixtures that you want to upgrade in your property and the annual water savings. Additional permits and fees apply as well as the cost to purchase and install devices. A Water Neutrality Offset Inspection is required prior to issuance of building permit.

OPTION 3: COMBINATION

You can choose to perform a portion of the offset using the City Direct Install Option and the remaining offset through the Retrofit Your Property Option. If you choose to offset the new water demand through Option 3, complete the offset formula below for both option 1 and option 2.

OFFSET FORMULA:

NEW WATER DEMAND: COMPLETE THE FORMULA BELOW TO CALCULATE THE NUMBER OF GALLONS TO OFFSET PER YEAR

$$\text{_____ ft}^2 \text{ (surface area)} \times 0.021 \times 7.48052 \times 365 = \text{_____ offset gallons per year (new water demand)}$$
$$\text{(new or enlarged area)} \times \text{(depth in feet of evaporation)} \times \text{(cubic feet to gallons)} \times \text{(days/year)} = \text{gallons evaporated/year (new water demand)}$$

OPTION 1: THE TOTAL IN-LIEU FEE AMOUNT WILL BE CALCULATED BY CITY STAFF AND WILL BE EMAILED TO THE APPLICANT SHORTLY

$$\text{_____ offset gal/year} \div \text{_____ gallons saved per toilet} = \text{_____ number of toilets to install} \times \$ \text{ cost per toilet} = \$ \text{ In-lieu Fee}$$

OPTION 2: A WATER NEUTRALITY OFFSET INSPECTION IS REQUIRED TO VERIFY RETROFITS PRIOR TO ISSUANCE OF BUILDING PERMIT

$$\text{_____ offset gal/year} \div \text{_____ gallons saved per toilet} = \text{_____ number of toilets to install at your property.}$$

FOR STAFF USE ONLY

Applicable types of projects that require a Water Neutrality review:

- *1. New construction - new structure with any interior plumbing fixture(s)
- *2. Substantial remodel/major remodel - where 50% or more of the exterior wall elements are removed
- 3. New or enlarged pool, spa, pond, or water feature

*For any project(s) classified as type 1 or 2, the applicant must complete and submit the Water Neutrality Calculator found on sustainable.sm.org/water

Permit Number _____ Date Received _____

Assigned Water Neutrality Reviewer _____ Phone _____

Water Neutrality Reviewer Verified - Required Offset = _____ gallons per year.

PLACE STAMP HERE

VERIFY APPLICANT OFFSET FORMULA ABOVE. Applicant chose to offset gallons per year through option:

_____ Option 1 _____ Option 2 _____ Option 3

City Direct Install Option:

_____ Number of Toilets to Install to offset gal/year
_____ Total In-lieu Fee Amount Due
_____ Total Administration Fee Amount Due

Retrofit Your Property Option:

_____ Number of Toilets Needed to Install to offset gal/year
_____ Total Administration Fee Amount Due
_____ Offset Inspection Condition added to Accela

WATER NEUTRALITY OFFSET INSPECTION FOR OPTION 2 / 3

Name of Inspector _____ Date of Inspection: _____ Water Neutrality Compliance Met (circle): Y N