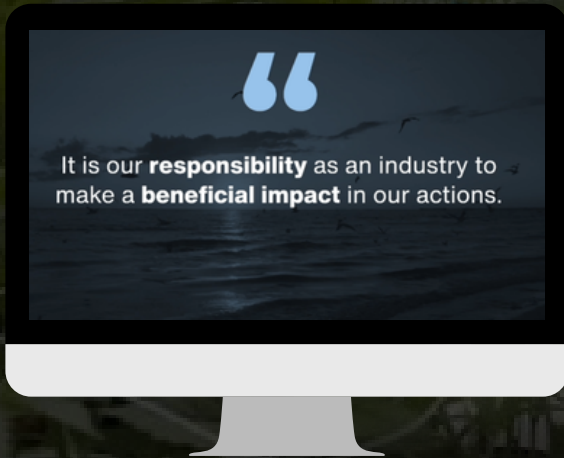




MEET COMPLIANCE AND INCREASE YOUR LEED SUSTAINABILITY SCORE



**EXTENSIVE BACKGROUND IN ENVIRONMENTAL
COMPLIANCE AND EPA REGULATIONS**

Minimizing water use in cannabis cultivation not only reduces the impact on the environment, but it could also help growers comply with state and municipal regulations, as well as reduce costly water bills.

Here Are Some Tips:

1. Know your water source:

All cultivators should have their water source tested prior to using it on their crop. This will help identify which filters are needed to make the water safe for use.



What kind of filters do you actually need? Do you need reverse osmosis, or could you just be doing basic filtration? Or is the iron concentration in your well too high? These questions are all answered when you test your water.

Growers should test their water on a regular basis—once per quarter, for example—and use the readings to adjust factors accordingly, such as the pH and nutrients.



2. Use a fertilizer recipe based on the crop's needs.

Cultivators should look to select a site that already has water suitable for crop production and build a fertilizer recipe based on the crop's needs by supplementing what is already present in the water.



3. Recirculate irrigation water for future use:

As states and municipalities start regulating water use in cannabis cultivation, a no “drain to waste” policy is a common standard that is emerging. Drain to waste is the practice of discarding nutrient solution or irrigation water into municipal sewers or septic systems after it has been fed to plants.

Cultivators should recirculate the water back to their storage tanks for future use. This can be done with equipment that sanitizes return water. For example, Geomat is a closed loop system is designed to capture and recycle all water used during the sanitization and cleaning process of plants, and surfaces used in production.



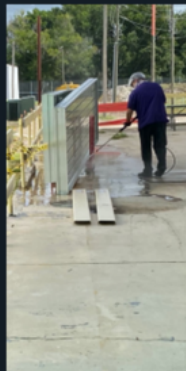
About Geomat



Geomat supplies customers with a Patented cannabis water recovery system, designed to recycle and reuse all water runoff captured in industrials agriculture and cannabis cultivation operations. Our mission is to provide businesses with a cost-effective EPA and OSHA approved wastewater recovery solution.

The cannabis industry is estimated to use about 2.8 billion gallons of water per year, with irrigation and sanitation being the two most intensive causes of water usage.

Many facilities wash their grow tables using no type of water recovery system, allowing contaminated wastewater to remain uncultured and to runoff into the environment.



example of bad runoff



Geomat Installation

Geomat is durable and scalable to fit any size and work environment, indoor and outdoor.

These systems can either be installed as surface penetrating or non-penetrating while having the ability to simply be relocated elsewhere.

With a minimally disruptive installation process, Geomat includes an extensive 10 year warranty and routine cleaning.



How It Works

Equipment or plants are rinsed in Geomat's top layer non-slip surface.

The excess water from the hose drains through the top layer of the Geomat and is pumped through a filter where the water is thoroughly cleaned.

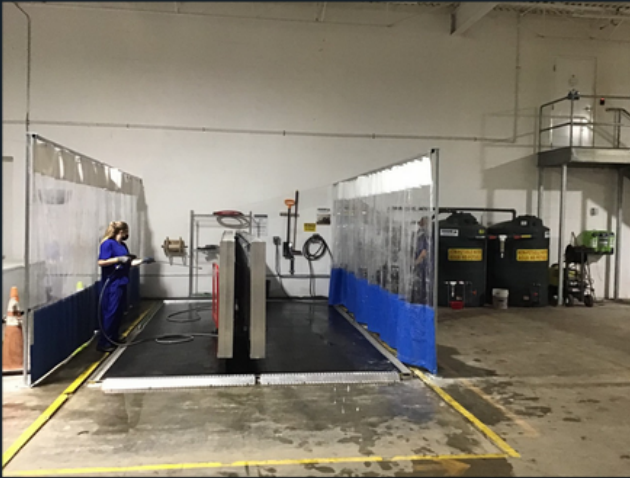
When the water is filtered, it is pumped into an aerated holding tank, where it can be reused again with the pressure hose.



There are two options for Geomat systems:

- Sewer tie-in, which connects to the local sewer system to pump recycled water back.
- Closed loop, which allows you to recycle and reuse water on-site using 500 gallon holding tanks.

Both options can be installed penetrating or non-penetrating into the ground.



What about Reverse Osmosis?

RO can create a byproduct up to 20 gallons of wastewater for every 1 gallon of water product created, compared to Geomat, which creates no waste byproduct and requires minimal energy and water when used.



For over 20 years, Geomat has proudly been an efficient and sustainable water recovery solution to various industries.



Auto



Cannabis



Decon

Geomat systems allow grow facilities and farms to recycle all water runoff that would otherwise be wasted.

Our systems are EPA and OSHA approved and meet all environmental standards, regulations, and the Clean Water Act.

With a minimally disruptive installation and systems scalable to fit any size or work environment, Geomat reduces water usage and costs with its efficient and sustainable solution to water containment and recovery.

CONTACT US FOR A FREE QUOTE

[GEOMAT-CANNABIS.COM](https://www.geomat-cannabis.com)

[GEOMAT.COM](https://www.geomat.com)

