

# Keep Chlorine Out of the Storm Drain!

Chlorine from swimming pools is a common pollutant that, when emptied into our storm drains, can have a harmful effect on fish and aquatic life.

Below are some alternative systems to using chlorine for sanitizing pools:

- Ozone Pool Systems: Pool systems utilize either an ultraviolet light source or corona discharge tube to convert ambient oxygen in the air (O-2) to ozone (O-3), which is then injected into the jet system of the pool. Ozone systems require more filter cleanings and still must be treated with chlorine as a backup, but only 20% as much chlorine is needed compared to a traditional pool.
- Ultraviolet Light (UV) Pool Systems: A UV system utilizes an ultraviolet light source to kill pathogens as water circulates through the sanitizer unit (not to be confused with the UV lights used to produce ozone). These systems can cut chlorine usage by 70%.
- Natural Aquatic Plant Pools: These pools recreate the ecology of a pond in a controlled setting, where plants, beneficial bacteria in the water, and sometimes even fish provide all the necessary filtration and cleaning. A properly designed system will offer crystal clear water completely free of chemicals.

If you wish to move away from a traditional chlorine only system, do your research as no one system is the best for every one. Maintaining a healthy and safe pool must be your first priority.

Source information for this article provided by metaefficient.com



*Natural Aquatic Plant Pool*



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