



Pool Discharge Check Sheet

1. Pool Location (Name of Pool/apartment complex/hotel) And Address:

2. Name, Job Title, Phone Number, and Email Address of Person Responsible:

3. How many gallons in the pool? If the person on the phone does not know, ask them the dimensions of the tank to calculate the tank volume. First determine the volume in cubic feet. $\text{Volume (ft}^3\text{)} = \text{length (ft)} \times \text{width (ft)} \times \text{depth (ft)}$. Then multiply the cubic feet by 7.48 gals/ft³ to get the gallons. Note: An Olympic sized pool contains approximately 490,000 gallons of water.

4. Go to MSD's GIS Viewer. Type in the pool address. Run a downstream trace to the wastewater plant. When making decisions about the discharge rate for the pool, the first considerations must be the line sizes, number of pump stations and pump station capacity. This is a common sense portion of the decision. Pools may not be emptied or pumped out faster than the lines and stations can handle the additional flow. You can assume all lines are at 50% capacity prior to the addition of pool discharge when making this decision. **NO POOLS ARE TO BE DISCHARGED DURING RAIN EVENTS.** Typical pumping times are 24 hours for small pools and up to 3 to 4 days for large pools. <https://geoweb.msdbc.org/msdgisinternalviewer/>



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5. All pool drainage must be filtered. No debris larger than $\frac{1}{4}$ inch is allowed to be discharged. No leaves, mud, or large chunks of algae are allowed.

6. Saltwater Pool Systems – The salt (sodium chloride) is converted into chlorine using a chlorine generator. The chlorine will kill bacteria, algae, and viruses that may contaminate a pool. As the chlorine degrades, it will return to salt. The salt water is corrosive to parts of the sewer system. Depending on the amount and the rate of flow salt water can interfere with treatment at the wastewater plant. Saltwater pools are always given a slower discharge rate than chlorine pools. No salt or chemical additions may be made at least seven to ten days prior to discharge to the sewer.

Chlorine Pool Systems- No chlorine or other treatment chemicals can be added at least seven (7) days prior to discharge to the sewer system. If it is less than 7 days, the dechlorinator must be added until the pool reaches less than 1ppm of chlorine.

Please note last time chemicals were added to the pool and or the ppm of chlorine and the pH. pH must be within SUO limits of 6 to 10.5 standard units.

Proximity to the wastewater plant needs to be considered prior to approval.



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Additional Notes:

Person Approving Discharge:

Title:

Date/Time: _____

MSD Industrial Pretreatment Contacts:

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