



stormBLOXTM

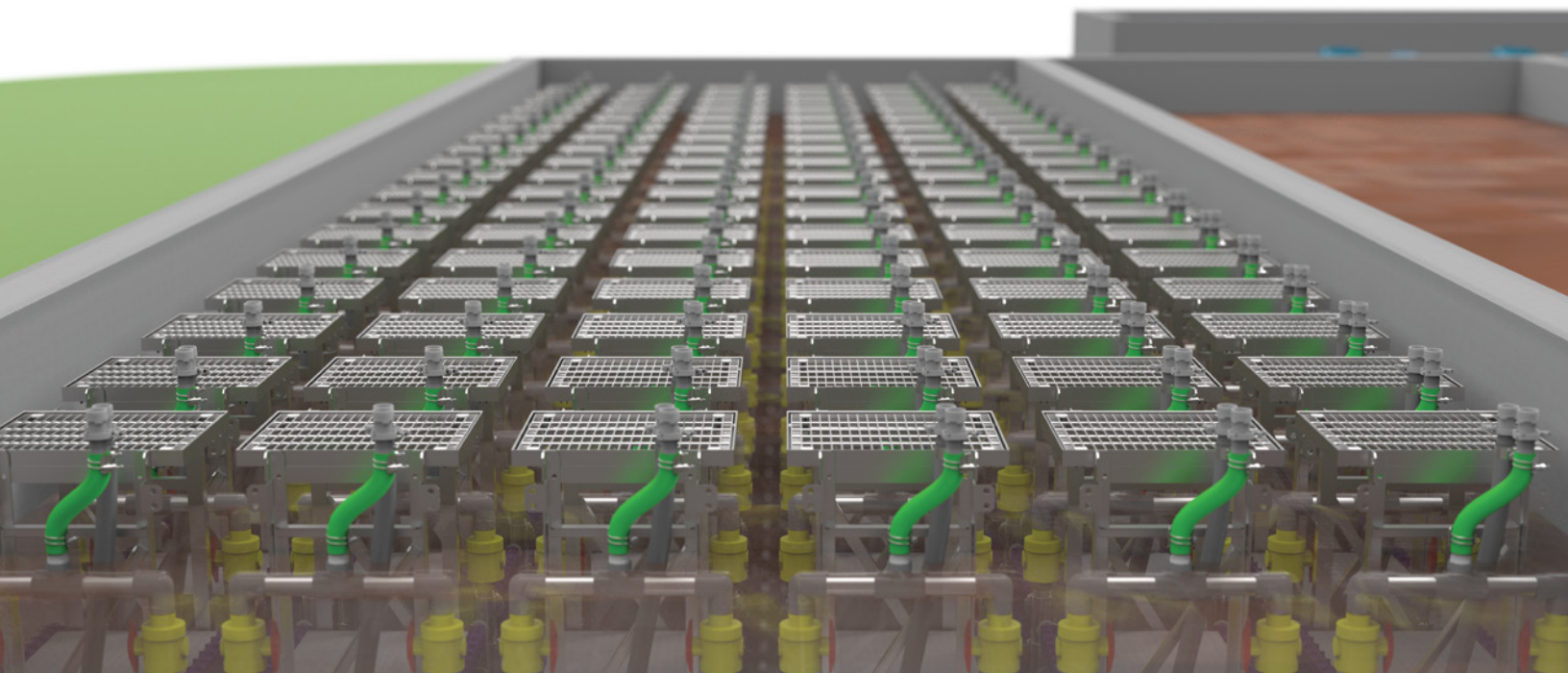
SiC RAPID STORM TREATMENT

Climate change is creating bigger storms and more pollution. Every year over 850 billion gallons of untreated sewage are discharged into our waterways. Beaches close. Fish die. People get sick. Storm driven sewer discharges are a big problem, and they're getting worse. stormBLOX technology offers a simple and a sustainable treatment solution to this huge problem.

stormBLOX instantly treats right at the on-set of a storm while physically blocking solids and pathogens from being discharged into our waterways. Other treatment options, such as ballasted clarification, compressed media filtration, cloth filtration, and chlorination simply can't treat storm flows as quickly and as effectively as stormBLOX. These

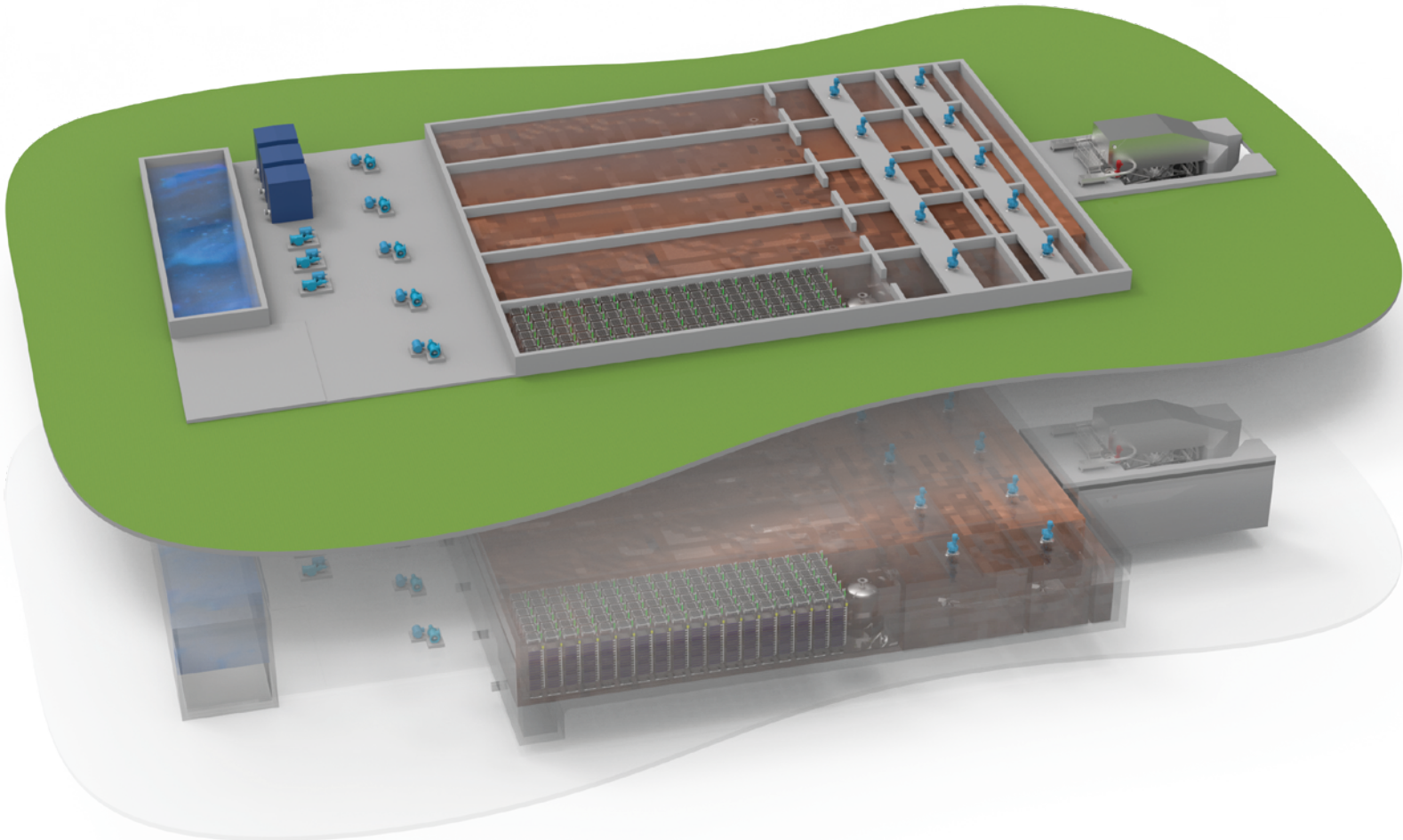
other technologies pass thousands to millions of gallons untreated at the onset of a storm as they come on line. stormBLOX treats the first gallon. Plus, stormBLOX effluent meets all disinfection requirements without supplemental chemicals, preventing toxic by-products from harming aquatic life.

What happens when it's not raining? Just simply empty the basins and wait for the next storm to arrive. Whether it's hot, cold, or even freezing, the properties of the SiC membrane are not impacted by extended downtime. The hydrophilic membranes start treating water as soon as the next set of rain drops start to fall. Whether it rains once or 50 times in a year, stormBLOX performance will be the same each and every storm.



stormBLOX™

SiC RAPID STORM TREATMENT

**stormBLOX IS USED IN THE FOLLOWING APPLICATIONS/MARKETS:**

- Combined Sewer Overflows (CSO) facilities with consent decrees
- Sanitary Sewer Overflows (SSO) facilities with consent decrees
- Membrane Bioreactor (MBR) plants with >3Q peaking factors due to high I&I
- Conventional Activated Sludge (CAS) plants with >5Q peaking factors due to high I&I

BENEFITS OF stormBLOX INCLUDE:

- Disinfection without chemicals
- Instantaneous treatment
- Supplement secondary treatment
- No disinfection by-products
- Utilize as tertiary filtration system during dry weather
- Extremely small footprint, easily fits into existing infrastructure
- Easily placed off-line regardless of weather conditions