

Specifications

Treatment Plant Waste Handling Info		
Design Daily Flow	213	gal/day
**Max 1 day flow	384	gal
BOD of Influent	450	mg/L
Treatment plant will only receive waste from flush toilets and sinks (no showers, dishwashers etc). All waste is macerated and pumped to the treatment plant from a booster pump that pumps in 100 gallon intervals. **Max daily flow happens no more than 1 day a week		
Treatment Plant Discharge		
BOD	10	mg/L or less
TSS	10	mg/L or less
TN reduction	50	% or more
Treatment plant must have a UV unit		
Treatment plant must have a pumped discharge able to handle the following: 1. Discharge flow of 10 gpm or more 2. Max vertical rise 15 ft (immediately after discharge) 3. Total piping length = 150 ft (straight run) 4. Piping diameter = 2 inches		
Treatment Plant Size Constraints		
Treatment plant must be able to fit on our underground elevator (or be able to be transported in pieces and re-assembled underground). Elevator dimensions are: Width = 59 3/8 inches Height = 102 inches Length = 153 inches		
Treatment Plant Structural Integrity		
Treatment plant and any pre treatment tanks must be able to be installed free standing on a concrete pad (they can't be buried)		
General		
Include all costs to setup the treatment plant. Including any electrical/control systems, commissioning, site visits, etc needed to get the treatment plant up and running.		