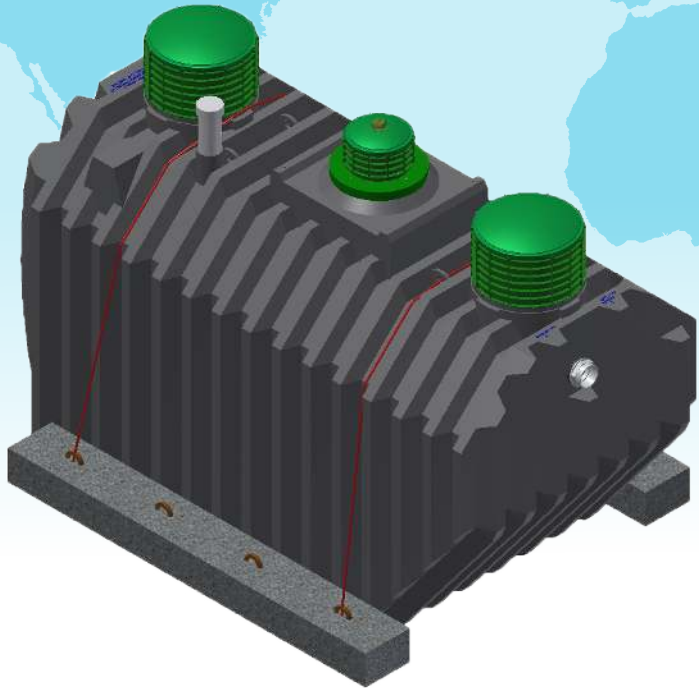


# Jet J-500-800PLT BUOYANCY



When the J-500-800 PLT is to be installed in areas where high water tables are common, additional anti-buoyancy measures should be installed. Jet recommends using concrete anchors placed beside the tank in the excavation and secured to the tank with properly rated corrosion resistant straps. Straps may be routed through the lifting lugs on the tank to ensure they will not shift during installation and backfilling.

Use the chart below to determine the amount of additional hold down weight needed for the burial depth of the installation and soil density from a registered soil scientist's report. When installed, the total weight of the anchor and the soil above the anchor must be greater than the weight shown in the table. For maximum effectiveness, the anchors should be installed as low as possible in the excavation.

\*an asterix in the table indicate that no additional weight is required.  
Note: the table shows the required weight to hold a tank in place if it is filled with water. Do NOT leave a plastic tank empty if high water level is a concern.

Soil Density (lb per cubic ft)	80	90	100	110	120	130
Depth of Soil Over Tank (in)	Extra Weight Needed (lbs)					
6	1327.7	1106.424	885.1472	663.8709	442.5945	221.3182
8	737.6296	442.5945	147.5595	*	*	*
10	147.5595	*	*	*	*	*
12	*	*	*	*	*	*
14	*	*	*	*	*	*

