## Gray Water Tier 1 or Tier 2 Subsurface Irrigation System Design Worksheet

Determine daily graywater flow:		gal/day
per day 401, Ta	gle-family dwelling, use 160 gallons per day for 3 bedrooms, and 40 gallons per day for eable 1). Daily graywater flow should be determ se but must add at least one bedroom for unfin	ach additional bedroom (R317- lined for maximum occupancy
per bed shower	atively, determine flow using the fixtures in the droom for washing machine, 50 gallons per day r/bathtub, and 5 gallons per day per bedroom ther sources must be determined by a qualified	y per bedroom for for hand wash basin. Flow
	sidential usage shall be sized by a certified deserbasis by the regulatory authority.	signer and evaluated on a case-
Select surge to if designing sy	ank volume, ystem as a Tier 2 system:	gallons
settling	e tank shall have a minimum of 250 gallons in a g of solids, accumulation of sludge and scum un e of inflow and outflow and type of distribution	nless justified with a mass
Select distribu	ution system type:	system
	ution system type: From pipe and gravel or chambers.	system
Select f		
Select f A subsu For pip require	from pipe and gravel <b>or</b> chambers.	n accordance with Table 6.
Select f A subsu For pip require preven Chamb	From pipe and gravel <b>or</b> chambers.  From pipe and gravel <b>or</b> chambers.  From pipe and gravel system shall be constructed in the tent of	n accordance with Table 6.  Trench to the depth and grade ered with barrier material to rer's specifications. All
Select f A subsu For pip require preven Chamb	From pipe and gravel <b>or</b> chambers.  From pipe and gravel <b>or</b> chambers.  From pipe and gravel of the standard	n accordance with Table 6.  Trench to the depth and grade ered with barrier material to rer's specifications. All 7-4.
Select for A subsure For piperequire prevention Chamber Chamber Determine substitution Trom T	From pipe and gravel <b>or</b> chambers.  From pipe and gravel <b>or</b> chambers.  From pipe and gravel or chambers.  From pipe an	rench to the depth and grade ered with barrier material to rer's specifications. All 7-4.
Select for A subsure For piperequire prevention Chamber Chamber Chamber Chamber Chamber Subsure From Telependential Chamber Chamber Chamber Subsure Su	From pipe and gravel <b>or</b> chambers.  From pipe and gravel <b>or</b> chambers.  From pipe and gravel or chambers.  From pipe an	rench to the depth and grade ered with barrier material to rer's specifications. All 7-4.

loading rate in gallons per day per square foot.

## Dimensions of the absorption area:

Trench Design (From R317-401, Table 6)				
Trench Width	Lineal Feet of Trench	Trench Spacing		
Number of Trenches	Absorption Area Length	Absorption Area Width		