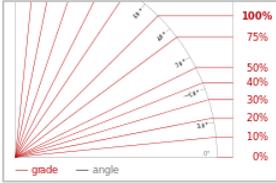


**CITY OF MONTEREY APPLICATION FOR GRAYWATER IRRIGATION SYSTEM PERMIT**

**1. Project Information**

<b>Application Date:</b>	<b>Assessor's Parcel Number (APN):</b>
<b>Project Address:</b>	
<b>Applicant/Property Owner Name:</b>	<b>Designer/Contractor Contact Name:</b>
Phone Number:	Phone Number:
Email:	Email:
<b>Occupancy Type: (choose one)</b> <input type="checkbox"/> Single Family Residential ( <i>one-two dwellings</i> ) <input type="checkbox"/> Multi Family Residential ( <i>&gt;two dwellings</i> ) <input type="checkbox"/> Commercial    # of daily occupants: _____	
<b>Description of Project:</b>	
<b>Graywater Source: (indicate the type and number of fixture(s) to be diverted to graywater irrigation)</b> <input type="checkbox"/> Shower(s) # _____ <input type="checkbox"/> Clothes Washer(s) # _____ <input type="checkbox"/> Lavatory (bathroom sink) # _____ <input type="checkbox"/> Other: _____ # _____	
<b>Check All That Apply:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No This property is served by municipal water/sewer If Yes, name of Water Provider: _____ <input type="checkbox"/> Yes <input type="checkbox"/> No This property contains a well <input type="checkbox"/> Yes <input type="checkbox"/> No This property contains an onsite wastewater treatment system <input type="checkbox"/> Yes <input type="checkbox"/> No This property has high groundwater within 3' of the soil surface. <input type="checkbox"/> Yes <input type="checkbox"/> No Does the system design include a surge tank or storage of graywater? * If Yes, • Attach specifications that describe how the storage tank will automatically empty every 24 hours. • Attach specifications showing how graywater overflow will be piped to sewer/septic by gravity. <i>*Note: Storage tanks are not recommended. Best management practice is to direct graywater immediately to irrigation field.</i>	
<b>Topography of Area to be Irrigated with Graywater:</b> <input type="checkbox"/> Flat <input type="checkbox"/> Slightly sloped <input type="checkbox"/> More than 30% slope	
	

**I certify that I have read and understand the California Plumbing Code requirements for graywater irrigation systems. I understand that if there is a complaint investigation that verifies a violation of the applicable standards, then the property owner will be subject to cost recovery and any fines resulting from the investigation (Calif. Health & Safety Code Section 510).**

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**CITY OF MONTEREY APPLICATION FOR GRAYWATER IRRIGATION SYSTEM PERMIT**

**2. Estimated Daily Graywater Production – Residential Only** *(Attach Calculations for Commercial Projects)*

**Calculation Method** *(choose one)*

**CPC estimate**

# of potential occupants: \_\_\_\_\_ *(Assign 2 occupants to master bedroom and 1 occupant to each additional bedroom)*

Laundry: \_\_\_\_\_ occupants x 15 gallons/day \_\_\_\_\_ gal/day

Shower/sink: \_\_\_\_\_ occupants x 25 gallons/day \_\_\_\_\_ gal/day

**TOTAL** \_\_\_\_\_ gal/day

**Estimate of graywater produced from winter (Dec-Feb) water use records** *(attach utility bill)*

Laundry: Avg. water use per month ÷ 30 days \_\_\_\_\_ (gallons/day) x 0.22 \_\_\_\_\_ gal/day

Shower: Avg. water use per month ÷ 30 days \_\_\_\_\_ (gallons/day) x 0.17 \_\_\_\_\_ gal/day

Sink: Avg. water use per month ÷ 30 days \_\_\_\_\_ (gallons/day) x 0.03 \_\_\_\_\_ gal/day

**TOTAL** \_\_\_\_\_ gal/day

**3. Graywater Irrigation Field Area**

**Minimum Required Irrigation Field Area:**

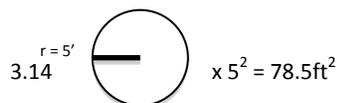
\_\_\_\_\_ (gal/day) ÷ \_\_\_\_\_ gal/ft<sup>2</sup>/day = \_\_\_\_\_ ft<sup>2</sup>  
*From Section 2* Maximum Absorption Capacity\* **Minimum Required Irrigation Field Area**

*\*Use the table below to find the maximum absorption capacity of your soil*

DESIGN OF SIX TYPICAL SOILS TYPE OF SOIL	MINIMUM SQUARE FEET OF IRRIGATION/LEACHING AREA PER 100 GALLONS OF ESTIMATED GRAY WATER DISCHARGE PER DAY	MAXIMUM ABSORPTION CAPACITY IN GALLONS PER SQUARE FOOT OF IRRIGATION/LEACHING AREA FOR A 24-HOUR PERIOD
Coarse sand or gravel	20	5.0
Fine sand	25	4.0
Sandy loam	40	2.5
Sandy clay	60	1.7
Clay with considerable sand or gravel	90	1.1
Clay with small amounts of sand or gravel	120	0.8

**Total Actual Irrigation Field Area:** \_\_\_\_\_ ft<sup>2</sup>

Example: Irrigation field area of trees and large shrubs can be quantified as circles using the formula 3.14 x r<sup>2</sup>





**CITY OF MONTEREY APPLICATION FOR GRAYWATER IRRIGATION SYSTEM PERMIT**

**GRAYWATER IRRIGATION FIELD PLAN** Scale = \_\_\_\_\_" = \_\_\_\_\_'

**APN #** \_\_\_\_\_ **Address:** \_\_\_\_\_



**LEGEND:**

CITY OF MONTEREY APPLICATION FOR GRAYWATER IRRIGATION SYSTEM PERMIT

Example Graywater Irrigation Plan

