Instructions for Completing the Plant Coverage Worksheet

Water -wise Landscape Conversion Program

Fill out the Plant Coverage Worksheet on the reverse side and return it to PWD with your landscape design plan and application.

As part of the Water-wise Landscape Conversion Program, the customer must list existing plants and trees that will be kept in the landscape and new plants or trees that are brought into the landscape. All new plants and trees must be water-wise and on the City of Palmdale's approved plant list or in the booklet "Plants for the California High Desert."

1. List the names of the plants for your conversion in column (A) (EXISTING AND NEW PLANTS).

2. Calculate the plant coverage value (square footage) for each plant in your new landscape and enter that into column (B). *(Use the size of the plant at full maturity, height x width= plant value)*
3. List the quantity of each plant to be included in your landscape conversion in column (C).

4. Multiply column (B) by column (C) to get the total plant coverage for each plant and enter in column (D).

5. Add the plant coverages in column (D) and place in (E) below.

6. Enter the square footage of the conversion area in (F) below.

7. Divide the Grand Total Plant Coverage (E) by the square footage you plan to convert (F) and multiply that value by 100 to get the total plant coverage (G) for your landscape plan.

Sample:

	(A) Plant Name	(B) Plant Coverage Value			(C) Quantity		(D) Total Plant Coverage
1	Trailing Lantana	28	ft^2	x	3	(=)	84 ft^2
2	Chilean Mesquite	530	ft^2	x	2	(=)	1060 ft^2
3	Green Desert Spoon	28	ft^2	x	3	(=)	84 ft^2
4	Red Bird of Paradise	28	ft^2	x	1	(=)	28 ft^2
5	Red Yucca	7	ft^2	x	3	(=)	21 ft^2
6	Compact Texas Ranger	20	ft^2	x	4	(=)	80 ft^2
7	Ocotillo	28	ft	x	1	(=)	28 ft^2

(E) Total Plant Coverage Values (Square feet) (=) 1385 ft^2

(F) Conversion Area (grass to be removed) (=) 1012 ft^2

G) Plant Coverage [(E/F) x (100)] (=) 136%

(1385/1012 = 1.36 x 100 =136 %)
(E) (F) (G)

Divide the total plant coverage value (E) by the Conversion area (F) and multiply by 100 will give you the percent of plants in your the landscape. The 136% in the example is over the 60% that is required.

4. Plant List Conversion Sheet

NAME: _____

ADDRESS: _____, PALMDALE

(A) Plant Name	(B) Plant Coverage Value (Square footage of plant)		(C) Quantity		(D) Total Plant Coverage Values (Total square footage of plants)
1_____	_____ ft^2	X	_____	=	_____ ft^2
2_____	_____ ft^2	X	_____	=	_____ ft^2
3_____	_____ ft^2	X	_____	=	_____ ft^2
4_____	_____ ft^2	X	_____	=	_____ ft^2
5_____	_____ ft^2	X	_____	=	_____ ft^2
6_____	_____ ft^2	X	_____	=	_____ ft^2
7_____	_____ ft^2	X	_____	=	_____ ft^2
8_____	_____ ft^2	X	_____	=	_____ ft^2
9_____	_____ ft^2	X	_____	=	_____ ft^2
10_____	_____ ft^2	X	_____	=	_____ ft^2
11_____	_____ ft^2	X	_____	=	_____ ft^2
12_____	_____ ft^2	X	_____	=	_____ ft^2
13_____	_____ ft^2	X	_____	=	_____ ft^2
14_____	_____ ft^2	X	_____	=	_____ ft^2
15_____	_____ ft^2	X	_____	=	_____ ft^2
16_____	_____ ft^2	X	_____	=	_____ ft^2
17_____	_____ ft^2	X	_____	=	_____ ft^2
18_____	_____ ft^2	X	_____	=	_____ ft^2
19_____	_____ ft^2	X	_____	=	_____ ft^2
20_____	_____ ft^2	X	_____	=	_____ ft^2

Total of all plant square footages (E), divide that number by the square foot area you are renovating (F), multiply that number by 100 to get the total plant coverage area. The plant coverage area should be 60% or more.

(E) Total Plant Coverage values = _____ ft^2

(F) Customer Conversion Area = _____ ft^2

(G) Plant Coverage [(E/F) x (100)] =_____%