

LOW IMPACT DEVELOPMENT (LID) BMP SELECTION MATRIX



		CATEGORICAL HEIRARCHY	LID BMP TYPE	PRIORITY PROJECT LAND USE (Grouped based on Primary Pollutants of Concern)			
				Detached Residential Development Attached Residential Development Hillside Development > 5,000 SF	Commercial/Industrial Development Restaurants Parking Lots Streets, Highways & Freeways	Automotive Repair Shops Retail Gasoline Outlets	
LOW IMPACT DEVELOPMENT (LID) BMPs Priority Project Applicants must infiltrate, harvest and use, evapotranspire, or biotreat/biofilter, the design capture volume (first-flush runoff). Biotreatment may only be considered if Tier 1 LID BMPs cannot be implemented for the full design capture volume. Therefore, Tier 1 LID must be implemented to the greatest extent feasible, and Tier 2 LID can be used for the remainder of the design capture volume.	Tier 1	INFILTRATION* Must Demonstrate Minimum Infiltration Rate of 0.5 inch/hour *(Not for use in areas with contaminated or high groundwater)	Infiltration Trench	X	X	X	
			Infiltration Basin	X	X	X	
			Bioretention without Underdrains	X	X	X	
			Drywells	X	X	X	
			Permeable Pavement	X	X	X	
			Proprietary Infiltration Basin	X	X	X	
			EVAPOTRANSPIRATION	Green Roof / Brown Roofs / Blue Roofs	X	X	X
			HARVEST AND USE	Cisterns	X	X	X
				Underground Detention	X	X	X
				Irrigation Use / Domestic Use	X	X	X
	Tier 2	BIOTREATMENT	Bioretention with Underdrains	X	X	X	
				Stormwater Planter Boxes with Underdrains	X	X	X
				Constructed Wetlands	X	X	X
				Wet Extended Detention Basins	X	X	X
				Proprietary Bioretention	X	X	X
				Vegetated Swales			X
			Vegetated Filter Strips			X	
			Dry Extended Detention Basins			X	

NOTES:

City of Tustin pollutants of concern due to receiving water impairments for San Diego Creek Watershed:
 (1) Sediments, (2) Nutrients, (3) Heavy Metals, (4) Pathogens, (5) Pesticides .

Conventional Treatment Control BMPs are NOT allowed, except when LID BMPs are proven infeasible. This includes Sand Filters and Cartridge Media Filters.

Vortex Separators and Drain Inlet Inserts are NOT allowed, except for use as pre-treatment BMPs and for Non-Priority Project WQMPs.

TARGETED POLLUTANTS:	Sediment, Nutrients, Pathogens, Pesticides	Sediment, Nutrients, Heavy Metals, Pathogens, Pesticides	Heavy Metals
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