BMP INSTALLATION VERIFICATION PHOTO GUIDANCE

Instructions: Document BMP installation by providing photographs of each BMP Element based on BMP Type, where present.

BMP Element	Excavation Depths	Entire BMP with Surrounding Area	Nameplate on System	Inlet, including curb cuts	Forebay/Pre-treatment	Inflow Distribution Mechanisms and Energy Dissipators (e.g., riprap)	Check Dams (optional for linear BMPs)	Planted Vegetation	Proof of Irrigation	Non-floating Mulch Layer	Soil Amendments	Media Layer	Filter Course Layer	Aggregate Storage Layer	Impermeable Liner	Infiltration/Storage Chambers	Overflow Structure/Riser Pipes/Outlet	Underdrain(s)	Hydromodification Orifices (single or multi-level)	Cleanouts and/or Inspection Ports	Maintenance Access (e.g. manholes, path to BMP)
Badia de	Gen	eral	Proprietary Systems*	Inf	ow	Energy Dissipation and Flow Control		Vegetated BMP Elements			Subsurface Elements							tflow a	Maintenance		
Impervious Area Dispersion	\$	\$		•		\$		\$	\$		\$										
Tree Wells	\$	\$		*		♦		\$	♦			*	*		♦		*	\$		\$	
Infiltration Basin/Chambers	\$	\langle	♦	*	♦	♦		\$	♦							♦	•		•	\$	♦
Biofiltration/Bioretention	\langle	\rightarrow		•		♦	♦	\$	\$	\langle		•	•	•	\$		•	\rightarrow	•	\rightarrow	♦
Proprietary Biofiltration	\$	\$	♦	*				♦	♦	\$		*	♦	♦			♦	\$		\$	♦
Detention Basin/Chambers	\$	\$	\$	•	\$	\$		\$	\$						\$	\$	•	\$	•	\$	\$
Proprietary Flow-Thru Device	\$	\$	♦	*													•				\$

Green Highlight = Mid-Construction Photos Required

^{♦ =} Photo Required of BMP Element, if incorporated in design; ♦ = Photo Required of BMP Element with Size Measurement, by using a tape measure (diameter, width, and/or length). For BMPs with overflow structures, please measure their height to show the ponding depth and freeboard.

^{* =} Proprietary BMP certification is required to include certification of delivery, installation, and startup of system if photos are not available.

* Please refer to the County of San Diego BMP Design Manual — BMP Design Fact Sheets for additional details on BMPs.

BMP INSTALLATION VERIFICATION PHOTO REQUIREMENTS

<u>Directions: Document BMP installation by providing photographs of each BMP Element based on BMP Type, where present.</u>

ads.t.d.WB ads.t.d.WB Element	Excavation Depths	Entire BMP with Surrounding Area	Inlet, including curb cuts	Forebay/Pre-treatment	Downspout	Inflow Distribution Mechanisms and inflow Distribution (e.g., riprap)		Storage Container, barrel or tank	Pump	First Flush Diverters	Discharge to Approved Location	Other Accessories (e.g. roof, supports, foundation, and level indicator)	Planted Vegetation	Proof of Irrigation	Filter Fabric	Drainage Layer	Insulation Layer	Waterproof Membrane	Support Layer	Permeable Surface Layer	Bedding Layer for Permeable Pavement	Media Layer	Filter Course Layer/Sand Layer	Aggregate Storage Layer	Impermeable Liner	Overflow Structure/Riser Pipes/Outlet	Underdrain(s)	Bypass Structure	Flow Control Outlet Orifice	Hydromodification Orifices (single or multi-level)	Cleanouts and/or Inspection Ports	Maintenance Access (e.g. manholes, path to BMP)
BMP Type 5	Ger	neral		Inflo	N	Flow C	ontrol	Above Ground Storage					Vegetated Elements, if present						Subsurface Elements						Outflow and Conveyance					Maintenance		
Green Roofs		\Diamond											\Diamond	\Diamond	\Diamond	\Diamond	\Diamond	\Diamond	\Diamond			\Diamond										
Permeable Pavement	\$	\$	•																	\$	\$		\$	\$	\$	\$	\$	\$		•	\$	
Rain Barrels		♦	♦		♦			\$	♦	\Diamond		\Diamond														 						\$
Cistern		♦	♦		♦			♦	♦	\Diamond	♦	\Q														\rightarrow			♦			♦
Dry Wells	♦	♦	♦																					 								\$
Vegetated Swales	♦	♦	♦			\$	\Q						\$	\lambda									\rightarrow	\Q	\$	\rightarrow	♦				♦	
Media Filters	♦	♦	•																							♦				♦	♦	♦
Sand Filters	\Diamond	\Diamond	•	\Diamond		\Diamond																	\Diamond	\Diamond	\Diamond	\Diamond	\Diamond			\Diamond	\Diamond	

Green Highlight = Mid-Construction Photos Required

 ^{⇒ =} Photo Required of BMP Element, if incorporated in design; ◆ = Photo Required of BMP Element with Size Measurement, by using a tape measure (diameter, width, and/or length). For BMPs with overflow structures, please measure their height to show the ponding depth and freeboard.

^{* =} Proprietary BMP certification is required to include certification of delivery, installation, and startup of system if photos are not available.

* Please refer to the County of San Diego BMP Design Manual — BMP Design Fact Sheets for additional details on BMPs.

BMP INSTALLATION VERIFICATION PHOTO REQUIREMENTS

FINAL AND MID-CONSTRUCTION BMP PHOTOGRAPHS

Please refer to the **Example Photos** below of several required BMP elements. Note that each photo must include a BMP label, date, description, and if showing measurements, a tape measure.

Table Legend:

Green Highlight = Mid-Construction Photos Required Category / BMP Element





General / Entire BMP with Surrounding Area

Proprietary Systems / Nameplate on System





Inflow / Inlet, including curb cuts1

Energy Dissipation and Flow Control / Inflow Distribution Mechanisms and Energy Dissipators (e.g., riprap)

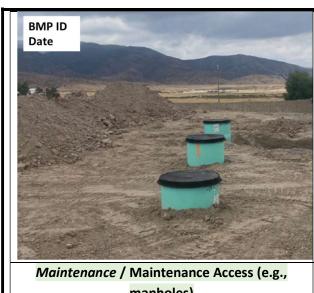
¹ Photo required with size measurement by using a tape measure (diameter, width, and/or length).





^{2,4} Photo required with size measurement by using a tape measure (diameter, width, and/or length).

³ For BMPs with overflow structures, please show the ponding depth and freeboard by measuring their height.



manholes)



Pre-Measurement of Mulch & Weir



Pre-Measurements of Layers



12" of ¾ washed aggregate (Pic of each layer after filling to pre-measured lines)