



Small Best Management Practices Treatments Form

• Applicable to BMP Retrofit projects that will disturb and/or grade less than 7 cubic yards.

	0vei 400 sq. it.						
roperty Address: 123 Ridge Road Owner Phone: 530-555-555 esign Date: May 1, 2015 Owner Email: homeowner1@bmp.com							
APN: 456-789-10	Owner Name: Homeowner 1						
Property Address: 123 Ridge Road	Owner Phone: 530-555-5555						
Design Date: May 1, 2015	Owner Email: homeowner1@bmp.com						
Designer Contact Information (if different from above)							
Designer Name: Contractor 1	Phone: 775-555-5555						
Professional License #: 98765	Email: contractor1@bmp.com						

Site Description/Notes

30 feet of established native vegetation separate the house from the SEZ and no storm water discharges to the SEZ or areas of erosion are evident.

The slope at the NW of the property is stabilized with 10" angular stone.

BMP Label	Treatment BMP-### are treatments from <u>NRCS Standard Drawings for the Lake Tahoe Basin</u>	Dimensions
#1	BMP-020 Slotted Channel Drain	19' of prefabricated drain
#2	BMP-008 Infiltration Basin	Rock lined 10'x4'x12"
#3	BMP-030 Sediment Trap	12"x18"x12"
#4	BMP-001 Drip Line Infiltration Trench	40'x60"x5"
#5	BMP-001 Drip Line Infiltration Trench	40'x30"x5"
#6	BMP-010 Erosion Control for Elevated Structures	32'x12'
#7	BMP-040 Rock Slope Protection (No Fabric)	55'x10'
	BMP #7 is an existing rock stabilized slope	
	Natural vegetation and turf to be maintained	throughout site

This BMP Site Design is for the installation of Best Management Practices only. It is not a verification of land coverage, land capability, unit of use, or other development capacities regulated by the Tahoe Regional Planning Agency (TRPA), nor is it a conceptual approval of any unrelated future project. These verifications require the submittal of a separate application to the TRPA for review and approval. The property owner is ultimately responsible for the selection, installation, performance, and maintenance of the BMPs on their property.

For Internal Use Only	
Based on the information pro	vided, this design meets the requirements of Chapter 60.4 of the TRPA Code of Ordinances.
Reviewed by:	Date:

BMP Calculation Spreadsheet																	
Estimated Soil Erosion Savings of 29.7 pounds per year by doing your BMPs. Soil erosion is estimated by the treatment volume multiplied by a 250 mg/l concentration plus contributions of source control and deck treatments calculated with the USLE.																	
										300	ince conti	or and de	ck treatin	erits caic	ulateu wi	itil the OSLL.	
Property Address:	123 Ri	idae Ra	1					MAD	DATA								
Property Address: 123 Ridge Rd. APN: 456-789-10				ADNI		_ Water Table		MAP DATA - >5ft		ON-SITE DEPTHS				Т	stal Dra	in Rock Quantity (yo	l ³) 8.2
				APIN	<u>lookup</u>		iction:					Total Runoff (ft ³)					
	Date: example 1									N4	11		tai Kund	эπ (π.)			
<u>Designed By:</u> Contractor				Max. D	epth of	Install:	67	ın.	Мар	Unit:	/151			Total Excavation (yd ³)			
Contributing Surface	Roof 4		Roof 5		Deck							1				1	
# of Stories	2		2		0										T o		T o
Length (ft.)	40 30		40		32 12										t		_ t
Width (ft.) Area (ft2)	30		15		12										a		a
Area (ft²)	1200	0	600	0	384	0	0	0	0	0	0		0	0	'	0 0	_ '
Runoff (ft ³)		0.0	50.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0 0.0	0.0
Treatment Label: Length (ft.)	#4 40.0		#5 40.0		#6 32.0												
Width (in.)	60		30		144												
Depth (in.)	5		5		0												
On-Site Ksat (in/ _{hr})	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0		4.0 4.0	
mapped Ksat (In/hr) Prefab Void Space (%)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0		4.0 4.0	
Average Void Space (%)	40%		40%														
Effective Volume (yd³)	3.1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0 0.0	
Treatment Capacity (ft ³) Drain Rock Quantity (yd ³)	103.1 3.1	0.0	53.4 1.5	0.0	127.0 3.6	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0 0.0	
Excess Runoff (ft ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0 0.0	0.0
Excess Capacity (ft ³)	3.1	0.0	3.4	0.0	95.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0		0.0
Contributing Surface																	
# of Stories			T					T					T				Т
Length (ft.)			o t					o t					o t				o t
Width (ft.) Area (ft2)			- а					а					_ a				a
Area (ft²)	0	0	. '		0	0	0	ı		0	0	0	_ '		0	0 0 0	_ '
Runoff (ft ³)	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0 0.0 0.0	0.0
Treatment Label:																	
Length (ft.) Width (in.)													-				
Depth (in.)																	
On-Site Ksat (in/hr)	4.0	4.0			4.0	4.0	4.0			4.0	4.0	4.0			4.0	40 40 40	
mapped Ksat (In/hr) Prefab Void Space (%)	4.0	4.0			4.0	4.0	4.0			4.0	4.0	4.0			4.0	4.0 4.0 4.0	
Average Void Space (%)																	
Effective Volume (yd³)		0.0			0.0	0.0	0.0			0.0	0.0	0.0			0.0	0.0 0.0 0.0	
Treatment Capacity (ft ³) Drain Rock Quantity (yd ³)		0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0 0.0 0.0	
Excess Runoff (ft ³)		0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0 0.0 0.0	0.0
Excess Capacity (ft ³)			0.0					0.0					0.0] .			0.0
			Basin						1					No	tes		
		rock line	d or vege		5:1 (mowable)					Vegetation and turf to be maintained throughout site. Sediment trap installed at the terminus of the trench drain prior to discharge to the							
Contributing Surface Length (ft.)	Drive 19.0															rior to discharge to the avel armoring to be a	
Length (ft.) Width (ft.)	19.0															aver armoring to be a ration trenches and ar	
Area (ft2)									1	will utili	ze 3/4" 1	to 1 1/2	" angula	r, wash	ed ston	e. Trenches and arm	•
Area (ft²)		0.0	0.0	0.0	0.0	0.0	0.0	0.0								BMP #4 is sized to es prescribing a 5 foot	non-
Runoff (ft ³) Treatment Label:	#2	0.0	0.0	0.0	0.0	0.0	0.0	0.0					ound stru			o prescribing a 5 100	11011-
Top Length (ft.)	10.0																
Top Width (ft.)	4.0																
Depth (in.) Bottom Length (ft.)	12 6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
Bottom Width (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
Volume (yd³)	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
On-Site Ksat Mapped Ksat	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0									
Treatment Capacity (ft ³)		0.0	0.0	0.0	0.0	0.0	0.0	0.0									
Excess Runoff (ft ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
Excess Capacity (ft ³)	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	ı					-	Reviev	ver Comments	
Deck Tre		nts					rce Co	ntrol 1	reatm	<u>ents</u>							
Deck Label					-	rea Label											
Area (ft2) Slope (%)						Area (ft2) Slope (%)											
Slope Length (ft)					-	ength (ft)											
Gravel Treatment Length (ft.)						% Cover							CI		United	States Department of Agriculture	
Gravel Treatment Width (ft.) Additional Treatment See						6 Canopy reatment							Sheet: of:		∧ NID	CC lateral	
Drain Rock Quantity (yd³)						Quantity (yd3)							template			Conservation Service	
a consultation at the testamenta	A Comment	and distance					nc of in	Citien attac							Caller -		