

Rate Control

Project: HCPP Pipeline - POA-1

Instructions

General

Volume

Rate

Quality

SMALL SITE EXCEPTION SATISFIED: RATE CONTROL NOT REQUIRED

Precipitation Amounts:

NOAA 2-Year 24-Hour Storm Event (in):	2.53	Alternative 2-Year 24-Hour Storm Event (in):	
NOAA 10-Year 24-Hour Storm Event (in):	3.57	Alternative 10-Year 24-Hour Storm Event (in):	
NOAA 50-Year 24-Hour Storm Event (in):	4.78	Alternative 50-Year 24-Hour Storm Event (in):	
NOAA 100-Year 24-Hour Storm Event (in):	5.35	Alternative 100-Year 24-Hour Storm Event (in):	

Report Summary of Peak Rates Only

Attach model input and output data or other calculations to support the rates reported below.

<i>Peak Discharge Rates (cfs)</i>				
	Pre-Construction	Post-Construction	Net Change	
2-Year Storm:	3.14	2.64	-0.50	<i>Rate Control Satisfied</i>
10-Year Storm:	6.38	5.79	-0.59	<i>Rate Control Satisfied</i>
50-Year Storm:	10.60	9.45	-1.15	<i>Rate Control Satisfied</i>
100-Year Storm:	12.68	11.21	-1.47	<i>Rate Control Satisfied</i>

POA No.	SCM No.	SCM Name	MRC?	Inflow to SCM (cfs)				Outflow from SCM (cfs)				
				2-yr	10-yr	50-yr	100-yr	2-yr	10-yr	50-yr	100-yr	

001	1	Rain Garden / Bioretention	-	2.27	3.63	5.30	6.09	0.13	0.54	0.79	0.88
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