

# Rate Control

Project: HCPP Pipeline - POA-2

Instructions

General

Volume

**Rate**

Quality

**SMALL SITE EXCEPTION SATISFIED: RATE CONTROL NOT REQUIRED**

**Precipitation Amounts:**

NOAA 2-Year 24-Hour Storm Event (in):	<b>2.53</b>	Alternative 2-Year 24-Hour Storm Event (in):	
NOAA 10-Year 24-Hour Storm Event (in):	<b>3.57</b>	Alternative 10-Year 24-Hour Storm Event (in):	
NOAA 50-Year 24-Hour Storm Event (in):	<b>4.78</b>	Alternative 50-Year 24-Hour Storm Event (in):	
NOAA 100-Year 24-Hour Storm Event (in):	<b>5.35</b>	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:	<b>1.73</b>	<b>1.17</b>	<b>-0.56</b>	<i>Rate Control Satisfied</i>
10-Year Storm:	<b>3.85</b>	<b>3.01</b>	<b>-0.84</b>	<i>Rate Control Satisfied</i>
50-Year Storm:	<b>6.69</b>	<b>5.03</b>	<b>-1.66</b>	<i>Rate Control Satisfied</i>
100-Year Storm:	<b>8.12</b>	<b>6.03</b>	<b>-2.09</b>	<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		

002	2	Dry Extended Detention Basin	-	1.81	2.77	3.92	4.48	0.41	0.50	0.71	1.55
002	3	Rain Garden / Bioretention		1.01	1.63	2.39	2.74	0.38	0.57	0.80	0.96