

Pervious Undetained Areas

CREDIT (CF):

Tree Planting Credit

Other (attach calculations):

Description:

CREDIT (CF):

Structural BMP Volume Credits:

No. Structural BMPs:

Start BMP Numbering at:

DP No.	BMP No.	BMP Name	Series	BMP DA (acres)	DA Impervious (acres)	Volume Routed to BMP (CF)	Infiltration / Vegetated Area (SF)	Infiltration Rate (in/hr)	Infiltration Period (hrs)	Vegetated?	Media Depth (ft)	Storage Volume (CF)	Infiltration Credit (CF)	ET Credit (CF)
			-											

Totals:

INFILTRATION & ET CREDITS (CF):

MANAGED RELEASE CREDIT (CF):

NET CHANGE IN VOLUME TO MANAGE (CF):

TOTAL CREDITS (CF):

VOLUME REQUIREMENT SATISFIED

Rate Control

Project: Relteva Development

Instructions
General
Volume
Rate
Quality

Precipitation Amounts:

NOAA 2-Year 24-Hour Storm Event (in):	3.32	Alternative 2-Year 24-Hour Storm Event (in):	
NOAA 10-Year 24-Hour Storm Event (in):	4.95	Alternative 10-Year 24-Hour Storm Event (in):	
NOAA 50-Year 24-Hour Storm Event (in):	7	Alternative 50-Year 24-Hour Storm Event (in):	
NOAA 100-Year 24-Hour Storm Event (in):	8.04	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:	171.27	150.04	-21.23	<i>Rate Control Satisfied</i>
10-Year Storm:	311.70	298.93	-12.77	<i>Rate Control Satisfied</i>
50-Year Storm:	495.99	475.14	-20.85	<i>Rate Control Satisfied</i>
100-Year Storm:	590.47	570.31	-20.16	<i>Rate Control Satisfied</i>