

General Information

Instructions
General
Volume
Rate
Quality

Project Name: <input style="width: 90%;" type="text" value="HCPP Pipeline - POA-3"/>	Application Type: <input style="width: 90%;" type="text" value="Individual E&S Application"/>
County: <input style="width: 90%;" type="text" value="Indiana"/>	Municipality: <input style="width: 90%;" type="text" value="Burrell Township"/>
Project Type: <input style="width: 90%;" type="text" value="New Utilities"/>	<input checked="" type="radio"/> New Project <input type="radio"/> Minor / Major Amendment
Area: <input style="width: 100px;" type="text" value="0.41"/> acres <i>(In Watershed)</i>	Total Earth Disturbance: <input style="width: 100px;" type="text" value="0.27"/> acres <i>(In Watershed)</i>
No. of Post-Construction Points of Analysis: <input style="width: 100px;" type="text" value="1"/>	at: <input style="width: 100px;" type="text" value="003"/>

Point of Analysis (POA) No.	Drainage Area (DA) (acres)	Earth Disturbance in DA (acres)	Existing Impervious in DA (acres)	Proposed Impervious in DA (acres)	Receiving Waters	Ch. 93 Class	Structural SCM(s)
003	0.25	0.18	0.00	0.05	Stream 46	CWF	Yes
Undetained Areas	0.16	0.09	0.00	0.00	Stream 46	CWF	
Totals:	0.41	0.27		0.05			

PROJECT SITE MEETS SMALL SITE EXCEPTION - RATE WORKSHEET NOT REQUIRED

Volume Management

Project: HCPP Pipeline - POA-3

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2-Year / 24-Hour Storm Event (NOAA Atlas 14): inches Alternative 2-Year / 24-Hour Storm Event inches
 Alternative Source:

Pre-Construction Conditions: No. Rows: Exempt from Meadow in Good Condition Automatically Calculate CN, Ia, Runoff and Volume

Land Cover	Area (acres)	Soil Group	CN	Ia (in)	Q Runoff (in)	Runoff Volume (cf)
Pervious as Meadow	0.27	D	78	0.564	0.81	786
TOTAL (ACRES):		0.27		TOTAL (CF):		786

Post-Construction Conditions: No. Rows:

Land Cover	Area (acres)	Soil Group	CN	Ia (in)	Q Runoff (in)	Runoff Volume (cf)
Meadow-Continuous Grass, Protected from Grazing and Generally Mowed for Hay	0.22	D	78	0.564	0.81	654
Roads (Including ROW) - Gravel	0.05	N/A	91	0.198	1.64	268
TOTAL (ACRES):		0.27		TOTAL (CF):		921

NET CHANGE IN VOLUME TO MANAGE (CF):

Non-Structural SCM Volume Credits:

- Tree Planting Credit
- Other (attach calculations):

Description:

CREDIT (CF):

Structural SCM Volume Credits:

No. Structural SCMs:

Start SCM Numbering at:

POA No.	SCM No.	SCM Name	MRC?	Discharge	Incremental SCM DA (acres)	Volume Routed to SCM (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)
003	4	Infiltration Berm & Retentive Grading	-	Off-Site	0.25	853	250	0.11	72	Yes	1.5	250	149	105

Totals: 149 105

INFILTRATION & ET CREDITS (CF): 253

NET CHANGE IN VOLUME TO MANAGE (CF): 136

TOTAL CREDITS (CF): 253

VOLUME REQUIREMENT SATISFIED