

General Information

Instructions	General Vo	lume Rate	Quality									
Project Name: Rura Field Application Type: PAG-02 NOI												
County:	Indiana Municipality: Center Township											
Project Type:	Other New Project O Minor / Major Amendment											
Total Project Site Area: 91.72 acres Total Earth Disturbance: 91.72 acres (In Watershed) (In Watershed) (In Watershed) Start DP Numbering at: 001												
Discharge Point (DP) No.						ing Waters	Ch. 93 Class	Structural BMP(s)				
001	26.69	26.69	0.30	0.00		to Non-Surface Vaters	WWF	No				
002	65.03	65.03	0.25	0.00	-	Discharge to Non-Surface Waters		Yes				
Undetained Areas												

Totals: 91.72 91.72

0.55



Volume Management

Project: Rura Field - POA 1

Instructions General Volume Rate Quality											
2-Year / 24-Hour Storm Event (NOAA Atlas 14): 2.56 inches	Alternative 2-Year / 24-Hour Storm Event inches										
	Alternative Sour	ce:									
Pre-Construction Conditions: No. Rows: 7 🛛 Exempt from Meadow in Good Condition 🗹 Automatically Calculate CN, Ia, Runoff and Volume											
Land Cover	Area (acres)	Soil Group	CN	la (in)	Q Runoff (in)	Runoff Volume (cf)					
Pervious as Meadow	23.38	D	78	0.564	0.83	70,195					
Pervious as Meadow	2.75	С	71	0.817	0.52	5,205					
Impervious Areas: Streets and Roads - Gravel (Including ROW)	0.09	С	89	0.247	1.51	492					
Impervious Areas: Streets and Roads - Gravel (Including ROW)	0.16	D	91	0.198	1.67	967					
Impervious as Meadow	0.02	С	71	0.817	0.52	38					
Impervious as Meadow	0.03	D	78	0.564	0.83	90					
Pervious as Meadow	0.26	А	30	4.667	0.00	0					
TOTAL (ACRES)	: 26.69			•	TOTAL (CF):	76,987					
Post-Construction Conditions: No. Rows: 3											
Land Cover	Area (acres)	Soil Group	CN	la (in)	Q Runoff (in)	Runoff Volume (cf)					
Meadow-Continuous Grass, Protected from Grazing and Generally Mowed for	0.26	А	30	4.667	0.00	0					

Hay

30

Meadow-Continuous Grass, Protected from Grazing and Generally Mowed for Hay									D	78	0.564	0.83	7	0,765
Meadow-Continuous Grass, Protected from Grazing and Generally Mowed for Hay									с	71	0.817	0.52		5,413
					TOT	AL (ACRES):	26.69	·	·			TOTAL (C	F): 7	6,178
	IET CHANGE IN VOLUME TO MANAGE (CF):												F):	-809
Non-Structural SCM Volume Credits:														
Tree Planting Credit														
🔲 Oth	er (attac	h calculations):												
Description: CREDIT (CF):											F):			
Structu	ral SCM	Volume Credits:	No	o. Structural	SCMs:		Start SC	îM Numberii	ng at:					
POA No.	SCM No.	SCM Name	MRC?	Discharge	Incrementa I SCM DA (acres)	Volume Routed to SCM (CF)	Infiltration / Vegetated Area (SF)	Infiltration Rate (in/hr)		-	Media Depth (ft)	Storage Volume (CF)	Infiltration Credit (CF)	ET Credit (CF)
	Totals:													
INFILTRATION & ET CREDITS (CF):											F):			
									NET CH	IANGE IN		O MANAGE (CF):	-809
NET CHANGE IN VOLUME TO MANAGE (CF): TOTAL CREDITS (CF):												-	-	

VOLUME REQUIREMENT SATISFIED



Volume Management

Project: Rura Field - POA 2

Instructions General Volume Rate Quality												
2-Year / 24-Hour Storm Event (NOAA Atlas 14): 2.56 inches Alternative 2-Year / 24-Hour Storm Event inches												
Alternative Source:												
Pre-Construction Conditions: No. Rows: 10 🗌 Exempt from Meadow in Good Condition 🗹 Automatically Calculate CN, Ia, Runoff and Volume												
Land Cover	Area (acres)	Soil Group	CN	la (in)	Q Runoff (in)	Runoff Volume (cf)						
Pervious as Meadow	52.96	D	78	0.564	0.83	159,004						
Forested (Good Condition)	0.81	D	77	0.597	0.78	2,288						
Pervious as Meadow	2.67	A	30	4.667	0.00	0						
Pervious as Meadow	3.40	В	58	1.448	0.15	1,825						
Forested (Good Condition)	0.07	В	55	1.636	0.09	23						
Forested (Good Condition)	4.88	А	30	4.667	0.00	0						
Impervious Areas: Paved Parking Lots, Roofs, Driveways, Etc. (Excluding ROW)	0.06	В	98	0.041	2.33	541						
Impervious Areas: Paved Parking Lots, Roofs, Driveways, Etc. (Excluding ROW)	0.14	D	98	0.041	2.33	1,218						
Impervious as Meadow	0.02	В	58	1.448	0.15	8						
Impervious as Meadow	0.03	D	78	0.564	0.83	102						

					тот	AL (ACRES):	65.03					TOTAL (CF	=): 16	5,009
Post-Construction Conditions: No. Rows: 3														
Land C	Cover						Area (acre	s) Soil (Group	CN	la (in)	Q Runoff (i	in) Runoff	Volume (cf)
Meado Hay	ow-Cont	inuous Grass, Protectec	from	Grazing and	l Generally N	lowed for	53.93		D	78	0.564	0.83	16	51,901
Meado Hay	ow-Cont	inuous Grass, Protectec	from	Grazing and	Generally N	lowed for	7.55		A	30	4.667	4.667 0.00		0
Meadow-Continuous Grass, Protected from Grazing and Generally Mowed for Hay									В	58	1.448	0.15	-	l,907
					тот	AL (ACRES):	65.03					TOTAL (CF	=): 10	53,808
	IET CHANGE IN VOLUME TO MANAGE (CF): -1,202												1,202	
Non-Str	Non-Structural SCM Volume Credits:													
Tree	e Plantin	g Credit												
🗌 Oth	er (attac	h calculations):												
Des	cription											CREDIT (CF	=):	
Structu	ral SCM	Volume Credits:	No	o. Structural	SCMs:		Start SC	M Numberii	ng at:					
POA No.	SCM No.	SCM Name	MRC?	Discharge	Incrementa I SCM DA (acres)	Volume Routed to SCM (CF)	Infiltration / Vegetated Area (SF)	Infiltration Rate (in/hr)		•	Media Depth (ft)	Storage Volume (CF)	Infiltration Credit (CF)	ET Credit (CF)
	<u> </u>		ļ	<u> </u>			I		ļ			Totals:		<u> </u>
	INFILTRATION & ET CREDITS (CF):													
	NET CHANGE IN VOLUME TO MANAGE (CF): -1,202												1,202	

TOTAL CREDITS (CF):

VOLUME REQUIREMENT SATISFIED