



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)



YEAR 1

Developer: Kwik Trip

Project: Store #1219

Date: 10/19/21

County: Waukesha

Version 1.0

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	06/06/22	09/19/22	65.1%	130	Loam	0.37	1.4%	144	0.17	1.00	5.5	1.108	Inlet Protection	4.2
Seeding	09/19/22	11/19/22	10.3%	130	Loam	0.37	7.4%	37	0.54	0.40	1.1	0.749	Silt Fence	0.5
End	11/19/22	----	----	----	-----	----	7.4%	37	0.54	-----	----	0.000		0.0
		----	----	----	-----	----	7.4%	37	0.54	-----	----	0.000		0.0
		----	----	----	-----	----	7.4%	0	-----	-----	----	0.000		0.0
		----	----	----	-----	----	0.0%	0	-----	-----	----	0.000		0.0
TOTAL											6.5		TOTAL	4.7
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
 The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
 For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/1-5/15 and 8/7-8/29 Turf, introduced grasses and legumes
 Thaw-6/30 Native Grasses, forbs, and legumes

Designed By:	
Date	