

Data file name: U:\Makepeace Engineering\2 Clients\Uploaded\Wieser\Performance Elite Gymnastics\SLAMM\PEG SLAMM model 20230510.mdb

WinSLAMM Version 10.4.1

Rain file name: C:\WinSLAMM Files\Rain Files\WisReg - Madison WI 1981.RAN

Particulate Solids Concentration file name: C:\WinSLAMM Files\v10.1 WI_AVG01.pscx

Runoff Coefficient file name: C:\WinSLAMM Files\WI_SL06 Dec06.rsvx

Residential Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std

Institutional Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std

Commercial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std

Industrial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std

Other Urban Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std

Freeway Street Delivery file name: C:\WinSLAMM Files\Freeway Dec06.std

Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False

Pollutant Relative Concentration file name: C:\WinSLAMM Files\WI_GEO03.ppdx

Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv

Cost Data file name:

Seed for random number generator: -42

Study period starting date: 01/01/81

Study period ending date: 12/31/81

Start of Winter Season: 12/02

End of Winter Season: 03/12

Date: 05-22-2023

Time: 11:32:58

Site information:

LU# 1 - Commercial: 1S Total area (ac): 0.271

1 - Roofs 1: 0.158 ac. Pitched Connected PSD File: C:\WinSLAMM Files\NURP.cpz

31 - Sidewalks 1: 0.024 ac. Connected PSD File: C:\WinSLAMM Files\NURP.cpz

45 - Large Landscaped Areas 1: 0.089 ac. Normal Sandy PSD File: C:\WinSLAMM Files\NURP.cpz

LU# 2 - Commercial: 2S Total area (ac): 0.318

13 - Paved Parking 1: 0.251 ac. Connected PSD File: C:\WinSLAMM Files\NURP.cpz

31 - Sidewalks 1: 0.030 ac. Connected PSD File: C:\WinSLAMM Files\NURP.cpz

71 - Other Pervious Areas 1: 0.037 ac. Normal Sandy PSD File: C:\WinSLAMM Files\NURP.cpz

LU# 3 - Commercial: 3S Total area (ac): 0.093

13 - Paved Parking 1: 0.039 ac. Connected PSD File: C:\WinSLAMM Files\NURP.cpz

31 - Sidewalks 1: 0.042 ac. Connected PSD File: C:\WinSLAMM Files\NURP.cpz

71 - Other Pervious Areas 1: 0.012 ac. Normal Sandy PSD File: C:\WinSLAMM Files\NURP.cpz

Control Practice 1: Biofilter CP# 1 (DS) - BF1

1. Top area (square feet) = 752

2. Bottom area (square feet) = 70

3. Depth (ft): 7.25

4. Biofilter width (ft) - for Cost Purposes Only: 10

5. Infiltration rate (in/hr) = 3.6

6. Random infiltration rate generation? No

7. Infiltration rate fraction (side): 0.001

8. Infiltration rate fraction (bottom): 1

9. Depth of biofilter that is rock filled (ft) 5.5

10. Porosity of rock filled volume = 0.33

11. Engineered soil infiltration rate: 0

12. Engineered soil depth (ft) = 0

13. Engineered soil porosity = 0.27

14. Percent solids reduction due to flow through engineered soil = 0

15. Biofilter peak to average flow ratio = 3.8

16. Number of biofiltration control devices = 1

17. Particle size distribution file: Not needed - calculated by program

18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil

User-Defined Soil Type 1.000

Biofilter Outlet/Discharge Characteristics:

Outlet type: Broad Crested Weir

1. Weir crest length (ft): 25

2. Weir crest width (ft): 3

3. Height of datum to bottom of weir opening: 7.24

Control Practice 2: Biofilter CP# 2 (DS) - BF2

1. Top area (square feet) = 537
2. Bottom area (square feet) = 100
3. Depth (ft): 7
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 3.6
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.001
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 4
10. Porosity of rock filled volume = 0.33
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27
14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil

User-Defined Soil Type 1.000

Biofilter Outlet/Discharge Characteristics:

Outlet type: Broad Crested Weir

1. Weir crest length (ft): 5
2. Weir crest width (ft): 3
3. Height of datum to bottom of weir opening: 6.98

Outlet type: Vertical Stand Pipe

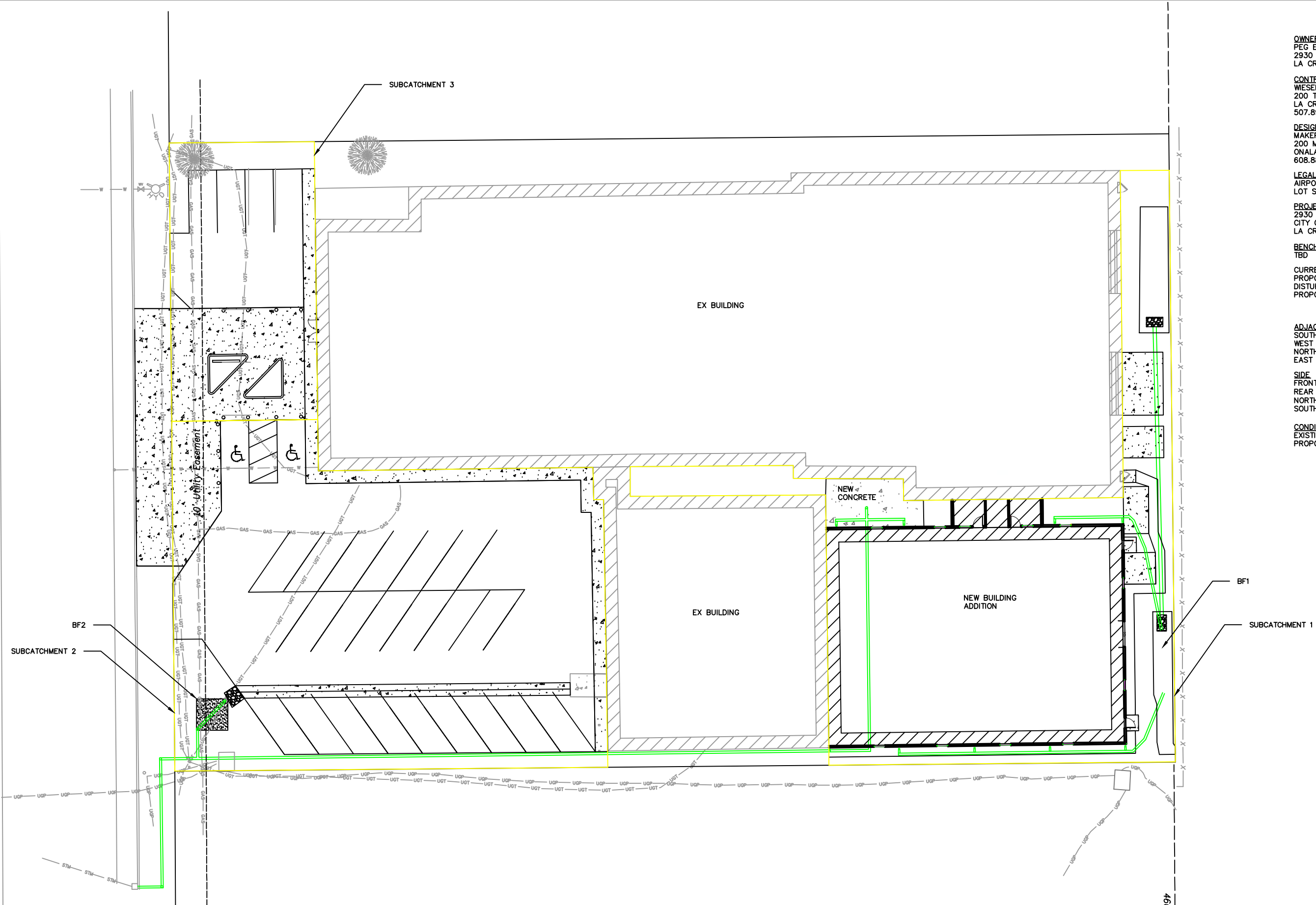
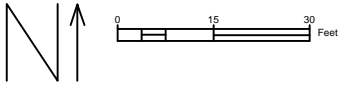
1. Stand pipe diameter (ft): 0.5
2. Stand pipe height above datum (ft): 6.75

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Study period starting date: 01/01/81 Study period ending date: 12/31/81
Start of Winter Season: 12/02 End of Winter Season: 03/12
Model Run Start Date: 01/01/81 Model Run End Date: 12/31/81
Date of run: 05-22-2023 Time of run: 11:17:22
Total Area Modeled (acres): 0.682
Years in Model Run: 1.00

	Runoff Volume (cu ft)	Percent Runoff Volume Reduction	Particulate Solids Conc. (mg/L)	Particulate Solids Yield (lbs)	Percent Particulate Solids Reduction
Total of all Land Uses without Controls:	44590	-	88.38	246.0	-
Outfall Total with Controls:	15247	65.81%	107.2	102.1	58.50%
Annualized Total After Outfall Controls:	15289			102.3	



OWNER
 PEG ENTERPRISES LLC
 2930 AIRPORT ROAD
 LA CROSSE, WI 54601

CONTRACTOR
 WESER BROTHERS GENERAL CONTRACTOR, INC
 200 TWILITE STREET
 LA CROSSE, MN 55947
 507.895.8903

DESIGNER
 MAKEPEACE ENGINEERING LLC
 200 MASON STREET #15
 ONALASKA, WI 54650
 608.881.6030

LEGAL DESCRIPTION
 AIRPORT INDUSTRIAL PARK LOT 20
 LOT SIZE: 63656 SF

PROJECT ADDRESS
 2930 AIRPORT ROAD
 CITY OF LA CROSSE
 LA CROSSE COUNTY, WI

BENCHMARK
 TBD

CURRENT ZONING: M2—HEAVY INDUSTRIAL
PROPOSED USE: GYMNASIUM
DISTURBED AREA: 29,707 SF
PROPOSED ADDITION AREA: 6,871 SF

ADJACENT LAND USES
 SOUTH INDUSTRIAL
 WEST AIRPORT ROAD R-O-W
 NORTH INDUSTRIAL
 EAST AIRPORT

SIDE SETBACK REQUIRED
 FRONT NONE
 REAR 9'
 NORTH NONE
 SOUTH NONE

CONDITION	IMPERVIOUS	PERVIOUS	TOTAL
EXISTING	1.00 ACRE	0.46 ACRE	1.46 ACRE
PROPOSED	1.18 ACRE	0.28 ACRE	1.46 ACRE



200 MASON STREET #15
 ONALASKA, WI 54650
 608.881.6030

PERFORMANCE ELITE GYMNASIICS
 2023 ADDITION
 CITY OF LA CROSSE
 LA CROSSE COUNTY

05/22/2023



SUBCATCHMENTS
 PROPOSED SITE

DATE	REVISION	DESCR.