

#1

Gully Stabilization Estimator Version 2.1

- 1 0.85
- 2 1.00
- 3 X
- 4 X

- 1 110
- 2 85
- 3 0
- 4 0

SOIL =
 sand (1), silt (2)
 clay(3), peat(4)

SD SOIL density
 lbs/ft³ 85
 tons/ft³ 0.043

VOLV
 volume voided (ft³) 2,000

YR
 number of years 5

Gully conditions
 channelized (1)
 non-channelized (2)
 landlocked (3)

Filter Strip present
 before installation
 Y/N N
 1
 Filter
 Strip
 Factor (FS)

CF
 P Correction Factor

SEDR =
 SLB*SDR*FS
 Sed. Reduction
 (Tons/yr) 17.00

PR =
 SEDR *(1.0 Lb/Ton)*CF
 P reduction (Lbs/yr) 17.00

SLB = SD*VOLV/YR
 Soil Loss Before (Tons/yr) 17.00
 =
 SLR Soil Loss Reduction
 Tons/yr

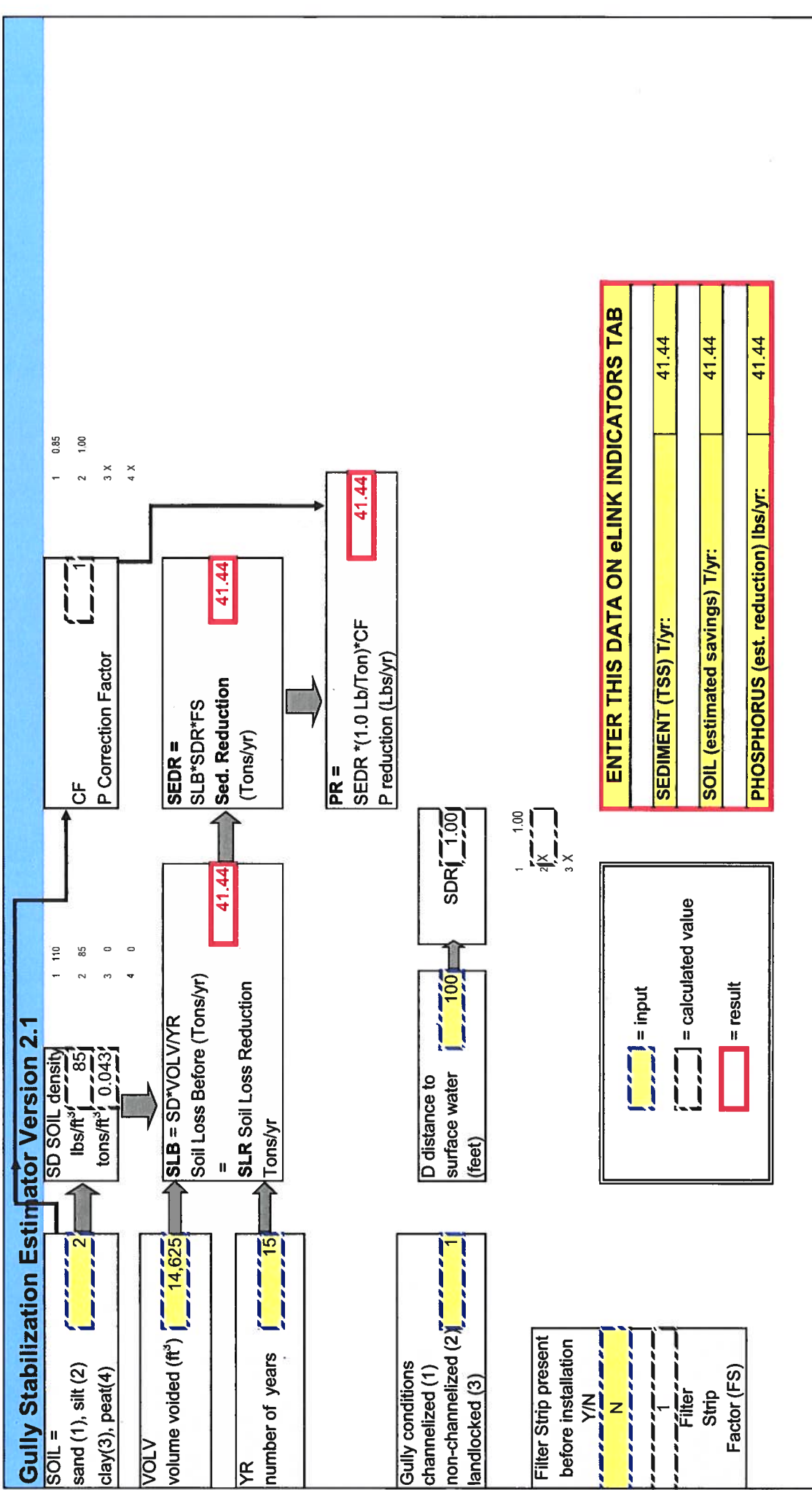
D distance to
 surface water (feet) 100

SDR 1.00
 1 1.00
 2 X
 3 X

[] = input
 [] = calculated value
 [] = result

ENTER THIS DATA ON eLINK INDICATORS TAB	
SEDIMENT (TSS) T/yr:	17.00
SOIL (estimated savings) T/yr:	17.00
PHOSPHORUS (est. reduction) lbs/yr:	17.00

#2



- 1 0.85
- 2 1.00
- 3 X
- 4 X

- 1 1.00
- 2 X
- 3 X

#3

Gully Stabilization Estimator Version 2.1

- 1 0.85
- 2 1.00
- 3 X
- 4 X

- 1 110
- 2 85
- 3 0
- 4 0

SOIL =
sand (1), silt (2)
clay(3), peat(4)

SD SOIL density
lbs/ft³ 85
tons/ft³ 0.043

VOLV
volume voided (ft³) 3,000

YR
number of years 15

Gully conditions
channelized (1)
non-channelized (2)
landlocked (3) 1

Filter Strip present
before installation
Y/N N
Filter
Strip
Factor (FS)
1

CF
P Correction Factor 1

SEDR =
SLB*SDR*FS
Sed. Reduction
(Tons/yr) 8.50

PR =
SEDR *(1.0 Lb/Ton)*CF
P reduction (Lbs/yr) 8.50

SLB = SD*VOLV/YR
Soil Loss Before (Tons/yr) 8.50
=
SLR Soil Loss Reduction
Tons/yr

D distance to
surface water
(feet) 100

SDR 1.00

= input
= calculated value
= result

ENTER THIS DATA ON eLINK INDICATORS TAB	
SEDIMENT (TSS) T/yr:	8.50
SOIL (estimated savings) T/yr:	8.50
PHOSPHORUS (est. reduction) lbs/yr:	8.50

#24

Gully Stabilization Estimator Version 2.1

SOIL = SD SOIL density
 sand (1), silt (2) 85
 clay(3), peat(4) 0.043

- 1 0.85
- 2 1.00
- 3 X
- 4 X

VOLV volume voided (ft³) 2,400
 YR number of years 5

SLB = SD * VOLV / YR
 Soil Loss Before (Tons/yr) 20.40
 =
 SLR Soil Loss Reduction
 Tons/yr

SEDR = SLB * SDR * FS
 Sed. Reduction (Tons/yr) 20.40

PR = SEDR * (1.0 Lb/Ton) * CF
 P reduction (Lbs/yr) 20.40

Gully conditions
 channelized (1) 1
 non-channelized (2)
 landlocked (3)

D distance to surface water (feet) 300
 SDR 1.00

- 1 1.00
- 2 X
- 3 X

Filter Strip present before installation Y/N N
 Filter Strip Factor (FS) 1

Legend:

- = input
- = calculated value
- = result

ENTER THIS DATA ON eLINK INDICATORS TAB

SEDIMENT (TSS) T/yr:	20.40
SOIL (estimated savings) T/yr:	20.40
PHOSPHORUS (est. reduction) lbs/yr:	20.40

#5

Gully Stabilization Estimator Version 2.1

SOIL = sand (1), silt (2) clay(3), peat(4)

SD SOIL density lbs/ft³ tons/ft³

1	110
2	85
3	0
4	0

VOLV volume voided (ft³)

YR number of years

$SLB = SD * VOLV / YR$

Soil Loss Before (Tons/yr)

=

SLR Soil Loss Reduction (Tons/yr)

CF P Correction Factor

SEDR = SLB * SDR * FS

Sed. Reduction (Tons/yr)

PR = SEDR * (1.0 Lb/Ton) * CF

P reduction (Lbs/yr)

Gully conditions channelized (1) non-channelized (2) landlocked (3)

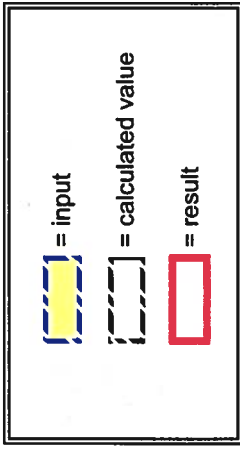
D distance to surface water (feet)

Filter Strip present before installation Y/N

Filter Strip Factor (FS)

ENTER THIS DATA ON eLINK INDICATORS TAB

SEDIMENT (TSS) T/yr:	25.50
SOIL (estimated savings) T/yr:	25.50
PHOSPHORUS (est. reduction) lbs/yr:	25.50



- 1 0.85
- 2 1.00
- 3 X
- 4 X

- 1 1.00
- 2 X
- 3 X