

Crooked Run, Stony Creek and Pughs Run Community Engagement Meeting #3
February 4, 2025
Edinburg Public Library

1. Updates to existing sediment allocation scenarios

Following the last community meeting, updates were made to sediment allocation scenarios for each of the impaired watershed. These updates were based on input from participants at the meeting, held on December 16, 2024 (Tables 1-3).

Table 1. Crooked Run sediment reduction scenarios

Categories	Existing load (metric tons/yr)	% Reduction	Allocation (metric tons/yr)
Cropland	199.47	56%	87.77
Pasture	56.79	54%	26.12
Hay	83.93	36%	53.72
Forest	23.25	-	23.25
Developed Pervious	25.33	40%	15.20
Tree	11.05	-	11.05
Developed Impervious	10.58	40%	6.35
Streambank Erosion	7.18	30%	5.02
SFH GPs	0.08	-	0.08
VSMP GPs	0.29	-	0.29
<i>Margin of Safety (10%)</i>	-	-	26.03
<i>Future Growth Set Aside (2%)</i>	-	-	5.21
TOTAL	418		260

Table 2. Pughs Run sediment reduction scenarios

Categories	Existing load (metric tons/yr)	% Reduction	Allocation (metric tons/yr)
Cropland	142.72	32%	97.05
Pasture	61.06	32%	41.52
Hay	159.69	20%	127.75
Forest	50.18	-	50.18
Developed Pervious	34.30	15%	29.15
Tree	35.15	-	35.15
Developed Impervious	25.68	20%	20.54
Streambank Erosion	33.91	20%	27.13
SFH GPs	0.25	-	0.25
VSMP GPs	0.41	-	0.41
<i>Margin of Safety (10%)</i>	-	-	48.82
<i>Future Growth Set Aside (2%)</i>	-	-	9.76
TOTAL	543		488

Table 3. Stony Creek sediment reduction scenarios

Categories	Existing load (metric tons/yr)	% Reduction	Allocation (metric tons/yr)
Cropland	974.20	24%	740.39
Pasture	928.62	24%	705.75
Hay	371.92	10%	342.16
Forest	385.14	-	385.14
Harvested forest	41.64	5%	39.56
Barren	9.81	-	9.81
Developed Pervious	140.04	18%	114.83
Tree	137.09	-	137.09
Developed Impervious	192.05	25%	144.04
Streambank Erosion	2,149.98	25%	1,612.48
SFH GPs	1.53	-	1.53
VSMP GPs	11.88	-	11.88
ISW GP: George's Chicken	4.10	-	4.10
PWTP GP: Edinburg WTP	0.66	-	0.66
VPDES IP: Edinburg STP	7.25	-	7.25
VPDES IP: Stony Sanitary District	24.87	-	24.87
VPDES IP: Georges Chicken	46.98	-	46.98
Margin of Safety (10%)	-	-	491.12
Future Growth Set Aside (2%)	-	-	98.22
TOTAL	5,428		4,910

2. Future growth allocation (2% of TMDL) and potential facility expansion

- Potential increase in design flow at Georges Chicken facility
- Increase in facility's allocation by 17 tons
- Increase would be allocated from future growth (17% of allocation)
- Option to increase future growth reserve

3. Final public meeting planning

- Meeting location options
- Meeting date and time
- Meeting promotion ideas
- Guest speakers
- Other ideas?