

**Draft Indian Creek Sediment Allocation Scenarios  
Presented at Stakeholder Webinar on March 22, 2018**

**5% Future Growth and 5% MOS**

**Scenario 1: Focus reductions on Agricultural Lands & Streambank Erosion**

NPDES ID	Facility/Township	Existing Load (t/yr)	Allocated Load (t/yr)	Load to be Reduced (t/yr)	% Reduction
PA0024422	Harleysville STP	29.03	29.03	0.00	0%
PA0036978	Teleford Borough STP	45.62	45.62	0.00	0%
PA0054950	Pilgrims Pride	4.15	4.15	0.00	0%
MS4	Franconia, PennDOT, & Turnpike Aggregate	2,756.40	780.25	1,976.15	72%
MS4	Lower Salford & PennDOT Aggregate	770.70	240.16	530.54	69%
MS4	Souderton & PennDOT Aggregate	64.85	24.75	40.10	62%
MS4	Telford & PennDOT Aggregate	165.84	61.08	104.76	63%
General Stormwater	Aggregate Load (1% of TMDL)	14.39	14.39	0.00	0%
	Non-MS4 Nonpoint Source (Franconia)	435.15	95.90	339.25	78%
	Future Growth (5%)		71.96		
	MOS (5%)		71.96		
	<b>Total</b>	<b>4,286.13</b>	<b>1,439.25</b>	<b>2,846.88</b>	<b>66%</b>

**5% Future Growth and 5% MOS**

**Scenario 2: Reduce All Anthropogenic Land-based Sources Equally**

NPDES ID	Facility/Township	Existing Load (t/yr)	Allocated Load (t/yr)	Load to be Reduced (t/yr)	% Reduction
PA0024422	Harleysville STP	29.03	29.03	0.00	0%
PA0036978	Teleford Borough STP	45.62	45.62	0.00	0%
PA0054950	Pilgrims Pride	4.15	4.15	0.00	0%
MS4	Franconia, PennDOT, & Turnpike Aggregate	2,756.40	788.92	1,967.48	71%
MS4	Lower Salford & PennDOT Aggregate	770.70	222.39	548.31	71%
MS4	Souderton & PennDOT Aggregate	64.85	18.53	46.32	71%
MS4	Telford & PennDOT Aggregate	165.84	47.40	118.44	71%
General Stormwater	Aggregate Load (1% of TMDL)	14.39	14.39	0.00	0%
	Non-MS4 Nonpoint Source (Franconia)	435.15	124.90	310.25	71%
	Future Growth (5%)		71.96		
	MOS (5%)		71.96		
	<b>Total</b>	<b>4,286.13</b>	<b>1,439.25</b>	<b>2,846.88</b>	<b>66%</b>

<p><b>Units are in metric tons</b> <b>1 metric ton = 1.10231 US ton = 2204.62 pounds</b></p>
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**0% Future Growth and Implicit MOS**

**Scenario 3: Focus reductions on Agricultural Lands & Streambank Erosion**

NPDES ID	Facility/Township	Existing Load (t/yr)	Allocated Load (t/yr)	Load to be Reduced (t/yr)	% Reduction
PA0024422	Harleysville STP	29.03	29.03	0.00	0%
PA0036978	Teleford Borough STP	45.62	45.62	0.00	0%
PA0054950	Pilgrims Pride	4.15	4.15	0.00	0%
MS4	Franconia, PennDOT, & Turnpike Aggregate	2,756.40	875.35	1,881.05	68%
MS4	Lower Salford & PennDOT Aggregate	770.70	265.68	505.02	66%
MS4	Souderton & PennDOT Aggregate	64.85	26.68	38.17	59%
MS4	Telford & PennDOT Aggregate	165.84	66.12	99.72	60%
General Stormwater	Aggregate Load (1% of TMDL)	14.39	14.39	0.00	0%
	Non-MS4 Nonpoint Source (Franconia)	435.15	112.23	322.92	74%
	Implicit MOS		N/A		
	<b>Total</b>	4,286.13	1,439.25	2,846.88	66%

**0% Future Growth and Implicit MOS**

**Scenario 4: Reduce All Anthropogenic Land-based Sources Equally**

NPDES ID	Facility/Township	Existing Load (t/yr)	Allocated Load (t/yr)	Load to be Reduced (t/yr)	% Reduction
PA0024422	Harleysville STP	29.03	29.03	0.00	0%
PA0036978	Teleford Borough STP	45.62	45.62	0.00	0%
PA0054950	Pilgrims Pride	4.15	4.15	0.00	0%
MS4	Franconia, PennDOT, & Turnpike Aggregate	2,756.40	883.61	1,872.79	68%
MS4	Lower Salford & PennDOT Aggregate	770.70	248.77	521.93	68%
MS4	Souderton & PennDOT Aggregate	64.85	20.76	44.09	68%
MS4	Telford & PennDOT Aggregate	165.84	53.09	112.75	68%
General Stormwater	Aggregate Load (1% of TMDL)	14.39	14.39	0.00	0%
	Non-MS4 Nonpoint Source (Franconia)	435.15	139.83	295.32	68%
	Implicit MOS		N/A		
	<b>Total</b>	4,286.13	1,439.25	2,846.88	66%

<p><b>Units are in metric tons</b>  <b>1 metric ton = 1.10231 US ton = 2204.62 pounds</b></p>
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