

## **Appendix C: Additional Suggested TP Reductions**

**Table C-1 Suggested TP Loading Reductions for Fewless Creek at RM 1.80 (P11K08).**

P11K08- Fewless Creek at RM 1.80		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	2.46	No Data	0.39	0.30	No Data
	Target Load	<b>4.31</b>	<b>0.82</b>	<b>0.32</b>	<b>0.12</b>	<b>0.040</b>
	Reduction (%)	<b>0%</b>	No Data	<b>18%</b>	<b>60%</b>	No Data

**Table C-2 Suggested TP Loading Reductions for Swan Creek at RM 32.82 (P11K03).**

P11K03- Swan Creek at RM 32.82		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	4.375	1.419	0.672	No Data
	Target Load	<b>23.474</b>	<b>4.443</b>	<b>1.719</b>	<b>0.671</b>	<b>0.218</b>
	Reduction (%)	No Data	<b>0%</b>	<b>0%</b>	<b>0.2%</b>	No Data

**Table C-3 Suggested TP Loading Reductions for Ai Creek at RM 8.29 (P11K15).**

P11K15- Ai Creek at RM 8.29		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	2.86	No Data	0.61	0.62	No Data
	Target Load	<b>9.15</b>	<b>1.75</b>	<b>0.69</b>	<b>0.28</b>	<b>0.11</b>
	Reduction (%)	<b>0%</b>	No Data	<b>0%</b>	<b>55%</b>	No Data

**Table C-4 Suggested TP Loading Reductions for Swan Creek at RM 24.70 (P11K21).**

P11K21- Swan Creek at RM 24.70		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	50.09	9.41	5.51	No Data
	Target Load	<b>85.47</b>	<b>16.13</b>	<b>6.42</b>	<b>2.79</b>	<b>1.22</b>
	Reduction (%)	No Data	<b>68%</b>	<b>32%</b>	<b>49%</b>	No Data

**Table C-5 Suggested TP Loading Reductions for Blue Creek at RM 9.97 (P11K11).**

P11K11- Blue Creek at RM 9.97		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	2.89	0.57	0.15	0.20	No Data
	Target Load	<b>5.41</b>	<b>1.02</b>	<b>0.40</b>	<b>0.15</b>	<b>0.050</b>
	Reduction (%)	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>25%</b>	No Data

**Table C-6 Suggested TP Loading Reductions for Blue Creek at RM 7.81 (P11P39).**

P11P39- Blue Creek at RM 7.81		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	9.83	0.96	0.98	0.26	No Data
	Target Load	<b>9.49</b>	<b>1.84</b>	<b>0.75</b>	<b>0.33</b>	<b>0.10</b>
	Reduction (%)	<b>3%</b>	<b>0%</b>	<b>23%</b>	<b>0%</b>	No Data

**Table C-7 Suggested TP Loading Reductions for Blue Creek at RM 5.57 (P11K12).**

P11K12- Blue Creek at RM 5.57		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	27.42	16.19	0.90	0.50	No Data
	Target Load	<b>24.72</b>	<b>4.73</b>	<b>1.87</b>	<b>0.76</b>	<b>0.24</b>
	Reduction (%)	<b>10%</b>	<b>71%</b>	<b>0%</b>	<b>0%</b>	No Data

**Table C-8 Suggested TP Loading Reductions for Harris Ditch at RM 1.55 (P11K13).**

P11K13- Harris Ditch at RM 1.55		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	4.05	0.43	0.46	0.32	No Data
	Target Load	<b>5.63</b>	<b>1.07</b>	<b>0.41</b>	<b>0.16</b>	<b>0.052</b>
	Reduction (%)	<b>0%</b>	<b>0%</b>	<b>11%</b>	<b>50%</b>	No Data

**Table C-9 Suggested TP Loading Reductions for Blue Creek at RM 0.73 (P11P13).**

P11P13- Blue Creek at RM 0.73		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Nitrate-Nitrite (kg/day)	Current Load (Median)	1,105.74	1,025.09	48.42	53.92	No Data
	Target Load	<b>406.98</b>	<b>77.46</b>	<b>30.28</b>	<b>12.13</b>	<b>3.83</b>
	Reduction (%)	<b>63%</b>	<b>92%</b>	<b>37%</b>	<b>78%</b>	No Data

**Table C-10 Suggested TP Loading Reductions for Swan Creek at RM 21.60 (P11S11).**

P11S11- Swan Creek at RM 21.60		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	71.01	11.26	9.66	No Data
	Target Load	<b>132.11</b>	<b>24.99</b>	<b>9.89</b>	<b>4.18</b>	<b>1.67</b>
	Reduction (%)	No Data	<b>65%</b>	<b>12%</b>	<b>57%</b>	No Data

**Table C-11 Suggested TP Loading Reductions for Swan Creek at RM 18.46 (P11K05).**

P11K05- Swan Creek at RM 18.46		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	57.06	9.87	7.63	No Data
	Target Load	137.59	26.03	10.29	4.34	1.72
	Reduction (%)	No Data	54%	0%	43%	No Data

**Table C-12 Suggested TP Loading Reductions for Blystone Ditch at RM 0.54 (P11A03).**

P11A03- Blystone Ditch at RM 0.54		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	30.42	0.96	1.52	0.14	No Data
	Target Load	4.75	0.90	0.35	0.14	0.044
	Reduction (%)	84%	6%	77%	0%	No Data

**Table C-13 Suggested TP Loading Reductions for Swan Creek at RM 15.30 (P11P09).**

P11P09- Swan Creek at RM 15.30		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	71.71	11.06	6.25	No Data
	Target Load	150.38	28.45	11.23	4.71	1.84
	Reduction (%)	No Data	60%	0%	25%	No Data

**Table C-14 Suggested TP Loading Reductions for Wolf Creek at RM 1.96 (P11S66).**

P11S66- Wolf Creek at RM 1.96		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	26.40	2.44	0.54	0.23	No Data
	Target Load	9.43	1.78	0.69	0.27	0.09
	Reduction (%)	64%	27%	0%	0%	No Data

**Table C-15 Suggested TP Loading Reductions for Cairl Creek at RM 1.32 (P11K10).**

P11K10- Cairl Creek at RM 1.32		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	15.03	0.82	0.40	0.12	No Data
	Target Load	4.75	0.90	0.35	0.14	0.044
	Reduction (%)	68%	0%	13%	0%	No Data

**Table C-16 Suggested TP Loading Reductions for Wolf Creek at RM 0.48 (P11P18).**

P11P18- Wolf Creek at RM 0.48		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	115.94	3.94	1.50	0.84	No Data
	Target Load	23.84	4.51	1.75	0.68	0.22
	Reduction (%)	79%	0%	0%	19%	No Data

**Table C-17 Suggested TP Loading Reductions for Swan Creek RM 4.20 (P11P05).**

P11P05- Swan Creek at RM 4.20		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	81.99	17.77	8.57	No Data
	Target Load	321.98	66.77	23.27	9.40	3.36
	Reduction (%)	No Data	19%	0%	0%	No Data

**Table C-18 Suggested TP Loading Reductions for Swan Creek at RM 1.60 (P11P03).**

P11P03- Swan Creek at RM 1.60		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	78.28	14.35	13.23	No Data
	Target Load	326.64	67.65	23.61	9.54	3.41
	Reduction (%)	No Data	14%	0%	28%	No Data

**Table C-19 Suggested TP Loading Reductions for Swan Creek at RM 0.19 (P11K07).**

P11K07- Swan Creek at RM 0.19		High Flows	Moist Conditions	Mid-Range Flows	Dry Conditions	Low Flows
Pollutant	Component	0-10	10-40	40-60	60-90	90-100
Total Phosphorus (kg/day)	Current Load (Median)	No Data	66.62	14.05	14.88	No Data
	Target Load	328.19	67.95	23.72	9.58	3.42
	Reduction (%)	No Data	0%	0%	36%	No Data