

**Appendix G.**  
**Storm Water WLA Development**

---

## Tables

Table G-1. Derivation of surrogate area for industrial facilities permitted to discharge storm water using the regulated areas of 15 randomly selected industrial storm water general NPDES permittees.....	G-3
Table G-2. Industrial storm water WLAs for <i>E. coli</i> TMDLs .....	G-4
Table G-3. Industrial storm water WLAs for total phosphorus TMDLs.....	G-5
Table G-4. Industrial storm water WLAs for total suspended solids TMDLs.....	G-6
Table G-5. Construction site storm water WLAs for total phosphorus TMDLs.....	G-7
Table G-6. Construction site storm water WLAs for total suspended solids TMDLs.....	G-7

**Table G-1. Derivation of surrogate area for industrial facilities permitted to discharge storm water using the regulated areas of 15 randomly selected industrial storm water general NPDES permittees**

NPDES ID	Permittee	Area (acre)
3GR00941	ELYRIA CITY	101.85
3GR01062	3M COMPANY	108.88
3GR00735	EBM GROUP CORP	3.13
3GR01023	ALCO MANUFACTURING REAL ESTATE CORPORATION LLC	13.41
3GR00799	REED SALVAGE CORP	48.75
3GR01077	(crosses into Rocky River watershed)	--
3GR01567	BROWNING-FERRIS IND OF OHIO INC	33.22
3GR01851	CUTTING DEVELOPMENT LIMITED PARTNERSHIP	8.12
3GR00041	BAILEY MANUFACTURING COMPANY	4.62
3GR01043	CAMACO LLC	15.21
3GR00820	A AND H METALS RECYCLING INC	1.71
3GR00053	SECTIONAL DIE COMPANY	20.55
3GR01025	RACE ROAD LLC	59.56
3GR00658	MK LANDLORD LIMITED PARTNERSHIP	13.66
3GR01393	AVON BEARINGS CORPORATION	10.60
3GR00628	NOVEON INC	214.66

Notes

NPDES = National Pollutant Discharge Elimination System.

Industrial facility 3GR01077 is only partially within the Black River TMDL project area. Thus, its area was excluded from the calculation of the surrogate area.

Table G-2. Industrial storm water WLAs for *E. coli* TMDLs

WAU (041100001)	TMDL		General NPDES permit coverages for industrial stormwater	No.	Surrogate		
	Location	Area (acres)			Area (acres)	Area (%)	WLA percent
<b>Headwaters East Branch Black River (03)</b>							
03 01	WAU outlet	11,901	3GR00041, 3GR01558	2	30.427116	0.26%	0.3%
03 02	WAU outlet	24,903	2GR00603, 3GR00268, 3GR00772	3	45.640674	0.18%	0.2%
03 03	WAU outlet	24,482	--	0	--	--	--
<b>East Branch Black River (04)</b>							
04 01	WAU outlet	23,044	3GR01574	1	15.213558	0.07%	0.1%
04 02	WAU outlet	21,686	3GR00542, 3GR01118	2	30.427116	0.14%	0.2%
04 03	WAU outlet	14,429	3GR00799, 3GR01077, 3GR01969	3	45.640674	0.32%	0.4%
04 04	WAU outlet	21,491	3GR00314, 3GR00735, 3GR01023, 3GR01274, 3GR01538, 3GR01567, 3GR01885, 3GR01930	8	121.70846	0.57%	0.6%
<b>West Branch Black River (05)</b>							
05 01	WAU outlet	16,670	3GR01906	1	15.213558	0.09%	0.1%
05 02	WAU outlet	25,653	--	0	--	--	--
05 03	WAU outlet	18,924	--	0	--	--	--
05 04	WAU outlet	16,410	3GR00053	1	15.213558	0.09%	0.1%
05 05	WAU outlet	8,828	--	0	--	--	--
05 06	WAU outlet	25,038	3GR00070, 3GR00615, 3GR00687, 3GR00802, 3GR00820, 3GR01243, 3GR01249, 3GR01336, 3GR01400, 3GR01542, 3GR01877, 3GR01893	12	182.5627	0.73%	0.8%
<b>Black River (06)</b>							
06 01	WAU outlet	24,560	3GR00658, 3GR01056, 3GR01214, 3GR01553, 3GR01883	5	76.06779	0.31%	0.4%
06 02	Black River at RM 9.80	11,108	3GR00141, 3GR00253, 3GR00595, 3GR00941, 3GR01025, 3GR01043, 3GR01062, 3GR01164, 3GR01265, 3GR01924	10	152.13558	1.37%	1.4%
06 03	Powdermaker Ditch at RM 0.15	4,461	3GR00628, 3GR01004, 3GR01958	3	45.640674	1.02%	1.1%
	Heider Ditch at RM 0.25	4,247	3GR00058, 3GR01393, 3GR01851, 3GR01875, 3GR01903	5	76.06779	1.79%	1.8%
	Gable Ditch at RM 0.30	2,735	--	0	--	--	--

Note: NPDES = National Pollutant Discharge Elimination System; RM = rivermile; TMDL = total maximum daily load; WAU = watershed assessment unit; WLA = wasteload allocation.

Table G-3. Industrial storm water WLAs for total phosphorus TMDLs

WAU (041100001)	TMDL		General NPDES permit coverages for industrial stormwater	No.	Surrogate		
	Location	Area (acres)			Area (acres)	Area (%)	WLA percent
<b>Headwaters East Branch Black River (03)</b>							
03 02	West Fork East Branch Black River at RM 13.97	6,615	2GR00603	1	15.213558	0.23%	0.3%
	West Fork East Branch Black River at RM 8.90	8,813	--	0	--	--	--
<b>East Branch Black River (04)</b>							
04 03	Willow Creek at RM 2.85	8,416	3GR00799, 3GR01077, 3GR01969	3	45.640674	0.54%	0.6%
<b>West Branch Black River (05)</b>							
05 01	Unnamed tributary to Charlemont Creek at RM 0.76	1,144	--	0	--	--	--
	Charlemont Creek at RM 8.55	6,897	--	0	--	--	--
	Charlemont Creek at RM 0.39	8,629	3GR01906	1	15.213558	0.18%	0.2%
05 03	Wellington Creek at RM 0.60	13,315	--	0	--	--	--
05 06	Elk Creek at RM 0.15	4,864	--	0	--	--	--
	Kelner Ditch at RM 1.00	5,612	--	0	--	--	--
<b>Black River (06)</b>							
06 01	French Creek at RM 9.02	10,859	--	0	--	--	--
06 02	Black River at RM 9.80	169,115	3GR00041, 3GR00053, 3GR00070, 3GR00141, 3GR00253, 3GR00268, 3GR00314, 3GR00542, 3GR00595, 3GR00615, 3GR00687, 3GR00735, 3GR00772, 3GR00802, 3GR00820, 3GR00941, 3GR01023, 3GR01025, 3GR01043, 3GR01062, 3GR01118, 3GR01164, 3GR01243, 3GR01249, 3GR01265, 3GR01274, 3GR01336, 3GR01400, 3GR01538, 3GR01542, 3GR01558, 3GR01567, 3GR01574, 3GR01877, 3GR01885, 3GR01893, 3GR01924, 3GR01930,	38	578.1152	0.34%	0.4%

Note: NPDES = National Pollutant Discharge Elimination System; RM = rivermile; TMDL = total maximum daily load; WAU = watershed assessment unit; WLA = wasteload allocation.

Table G-4. Industrial storm water WLAs for total suspended solids TMDLs

WAU (041100001)	TMDL		General NPDES permit coverages for industrial stormwater	No.	Surrogate		
	Location	Area (acres)			Area (acres)	Area (%)	WLA percent
<b>Headwaters East Branch Black River (03)</b>							
03 01	East Fork East Branch Black River at RM 0.06	11,901	3GR00041, 3GR01558	2	30.427116	0.26%	0.3%
03 03	East Branch Black River at RM 41.45	37,830	3GR00268, 3GR00772	2	30.427116	0.08%	0.1%
<b>East Branch Black River (04)</b>							
04 03	Willow Creek at RM 2.85	8,416	3GR00799, 3GR01077, 3GR01969	3	45.640674	0.54%	0.6%
04 04	East Branch Black River at RM 0.36	90,779	2GR00603, 3GR00041, 3GR00141, 3GR00268, 3GR00314, 3GR00542, 3GR00735, 3GR00772, 3GR01023, 3GR01118, 3GR01274, 3GR01538, 3GR01558, 3GR01567, 3GR01574, 3GR01885, 3GR01930	17	258.63049	0.28%	0.3%
<b>West Branch Black River (05)</b>							
05 02	West Branch Black River at RM 28.50	25,653	--	0			
05 04	West Branch Black River at RM 16.56	33,080	3GR00053, 3GR01906	2	30.427116	0.09%	0.1%
05 05	Plum Creek at RM 2.80	5,334	--	0			
05 06	West Branch Black River at RM 7.68	102,659	3GR01336, 3GR01542	2	2	0.002%	0.1%

Note: NPDES = National Pollutant Discharge Elimination System; RM = rivermile; TMDL = total maximum daily load; WAU = watershed assessment unit; WLA = wasteload allocation.

Table G-5. Construction site storm water WLAs for total phosphorus TMDLs

WAU (041100001)	TMDL		No. of general NPDES permit coverages for construction stormwater	No. of general NPDES permit coverages for construction stormwater with areas	Sum of site areas (for those with listed areas)	Revised area		Relative area	
	Location	Area (acres)				Area (acres)	Area (%)	Subwatershed average	Subwatershed average rounded
<b>Headwaters East Branch Black River (03)</b>									
03 02	West Fork East Branch Black River at RM 13.97	6,615	1	1	1.7	1.7	0.03%	0.27%	0.3%
	West Fork East Branch Black River at RM 8.90	8,813	2	2	12.25	12.25	0.14%	0.27%	0.3%
<b>East Branch Black River (04)</b>									
04 03	Willow Creek at RM 2.85	8,416	5	4	43.9	54.875	0.65%	0.27%	0.3%
<b>West Branch Black River (05)</b>									
05 01	Unnamed tributary to Charlemont Creek at RM 0.76	1,144	0	--	--	--	0	0.03%	0.1%
	Charlemont Creek at RM 8.55	6,897	0	--	--	--	0	0.03%	0.1%
	Charlemont Creek at RM 0.39	8,629	1	1	1.34	1.34	0.02%	0.03%	0.1%
05 03	Wellington Creek at RM 0.60	13,315	1	1	2.6	2.6	0.02%	0.03%	0.1%
05 06	Elk Creek at RM 0.15	4,864	0	--	--	--	0	0.03%	0.1%
	Kelner Ditch at RM 1.00	5,612	1	1	7.87	7.87	0.14%	0.03%	0.1%
<b>Black River (06)</b>									
06 01	French Creek at RM 9.02	10,859	25	25	450.05	450.05	4.14%	4.14%	4.2%
06 02	Black River at RM 9.80	169,115	50	Not determined	Not determined	--	1.00%	1.00%	1.0%

Note: NPDES = National Pollutant Discharge Elimination System; RM = rivermile; TMDL = total maximum daily load; WAU = watershed assessment unit; WLA = wasteload allocation.

Table G-6. Construction site storm water WLAs for total suspended solids TMDLs

WAU (041100001)	TMDL		No. of general NPDES permit coverages for construction stormwater	No. of general NPDES permit coverages for construction stormwater with areas	Sum of site areas (for those with listed areas)	Revised area		Relative area	
	Location	Area (acres)				Area (acres)	Area (%)	Subwatershed average	Subwatershed average rounded
<b>Headwaters East Branch Black River (03)</b>									
03 01	East Fork East Branch Black River at RM 0.06	11,901	1	1	2	2	0.02%	0.34%	0.4%
03 03	East Branch Black River at RM 41.45	37,830	5	5	148.85	148.85	0.39%	0.34%	0.4%
<b>East Branch Black River (04)</b>									
04 03	Willow Creek at RM 2.85	8,416	5	4	43.9	54.875	0.65%	0.34%	0.4%
04 04	East Branch Black River at RM 0.36	90,779	14	13	248.4	267.507692	0.29%	0.34%	0.4%
<b>West Branch Black River (05)</b>									
05 02	West Branch Black River at RM 28.50	25,653	0	--	--	--	--0	0.13%	0.2%
05 04	West Branch Black River at RM 16.56	33,080	5	5	40.04	40.04	0.12%	0.13%	0.2%
05 05	Plum Creek at RM 2.80	5,334	6	5	16.31	19.572	0.37%	0.13%	0.2%
05 06	West Branch Black River at RM 7.68	102,659	9	9	33.52	33.52	0.03%	0.13%	0.2%

Note: NPDES = National Pollutant Discharge Elimination System; RM = rivermile; TMDL = total maximum daily load; WAU = watershed assessment unit; WLA = wasteload allocation.