

TEMPORARY DIVERSION SUMMARY - COLUMBIA COUNTY, PENNSYLVANIA

MILE POST	DIVERSION										WATERBODY**					TEMP. PIPE (CLEAN WATER) CROSSING			
	DIVERSION ID	DIVERSION TYPE	BOTTOM WIDTH B (FT)	DEPTH D (FT)	TOP WIDTH W (FT)	Z1 (FT)	Z2 (FT)	TEMPORARY LINING	PERMANENT LINING	DISCHARGE TYPE	INITIAL WIDTH (FT)	TERMINAL WIDTH (FT)	LENGTH (FT)	RIP RAP SIZE***	RIP RAP THICKNESS (IN)	R.O.W. SLOPE (%)	Q (CFS)	TEMPORARY PIPE SIZE DIAMTER (IN)	# OF PIPES
91																			
	91.01A*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	19	2.7	12	1
	91.01B*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	9.23	12	2
	91.02*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	8	9.68	12	2
92																			
	92.01*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	15	3.83	12	1
93																			
	93.01*	SWALE	2	2	10	2	10	W3000	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	7	49.95	18	5
	93.02*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	6	10.13	12	2
	93.03*	FILTER SOCK	0	1	10	0	10	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	0.9	12	1
	93.04*	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	4	3.38	12	1
	93.05*	FILTER SOCK	0	1.6	7.9	0	5	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	7	3.38	12	1
	93.06*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	4.5	12	1
94																			
	94.01*	SWALE	2	2	10	2	2	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	16	3.6	12	1
	94.02*	SWALE	2	2	10	2	2	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	38	2.48	12	1
	94.03*	FILTER SOCK	0	1	10	0	10	C125	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	23	1.8	12	1
	94.04*	FILTER SOCK	0	1	10	0	10	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	19	0.45	12	1
	94.05*	SWALE	2	2	10	2	2	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	12	26.1	12	5
	94.06*	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	18	6.98	12	2
	94.07*	FILTER SOCK	0	1.6	7.9	0	5	C125	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	16	1.58	12	1
	94.08*	FILTER SOCK	0	1.25	8.75	0	7	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	8	2.48	12	1
	94.09	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	WATERBODY	2	2	8	R-4	18	N/A	8.64	N/A	N/A
95																			
	95.01	FILTER SOCK	0	1.6	7.9	0	5	C125	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	12	0.96	12	1
	95.02	FILTER SOCK	0	1.6	7.9	0	5	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	1.76	12	1
	95.03	FILTER SOCK	0	1.6	15.8	0	10	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	1.44	12	1
96																			
	96.01	FILTER SOCK	0	1.6	7.9	0	5	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	19	0.64	12	1
	96.02	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	1.6	12	1
	96.03	FILTER SOCK	0	1.6	7.9	0	5	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	5.92	12	1
	96.04	FILTER SOCK	0	1	10	0	10	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	1.6	12	1
	96.05	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	4.64	12	1
97																			
	97.01	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	12	1.44	12	1
	97.02	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	6	1.6	12	1
	97.03	SWALE	2	2	10	2	2	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	1	24.48	18	3
	97.04	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	5	2.47	12	1
	97.05	SWALE	2	2	10	2	2	W3000	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	15	18.24	12	3
	97.06	FILTER SOCK	0	1	10.0	0	10	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	18	1.28	12	1
100																			
	100.01	FILTER SOCK	0	1.6	5.5	0	3.5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	34	2.56	12	1
	100.02	SWALE	2	2	10	2	2	W3000	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	5	31.52	18	4
101																			
	101.01	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	5.6	12	1
102																			
	102.01	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	7.04	12	2
104																			
	104.01	SWALE	2	2	10	2	2	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	4	0.48	12	1
	104.02	FILTER SOCK	0	1	7.0	0	7	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	12	0.8	12	1
	104.03A	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	6.4	12	2

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MILE POST	DIVERSION										WATERBODY**					TEMP. PIPE (CLEAN WATER) CROSSING			
	DIVERSION ID	DIVERSION TYPE	BOTTOM WIDTH B (FT)	DEPTH D (FT)	TOP WIDTH W (FT)	Z1 (FT)	Z2 (FT)	TEMPORARY LINING	PERMANENT LINING	DISCHARGE TYPE	INITIAL WIDTH (FT)	TERMINAL WIDTH (FT)	LENGTH (FT)	RIP RAP SIZE***	RIP RAP THICKNESS (IN)	R.O.W. SLOPE (%)	Q (CFS)	TEMPORARY PIPE SIZE DIAMTER (IN)	# OF PIPES
105	104.03B	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	15	5.92	12	1
108	105.01	FILTER SOCK	0	1.6	9.5	0	6	SC250	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	1.12	12	1
109	108.01	SWALE	2	2	10	2	2	SC250	REINFORCED VEGETATION	WATERBODY	2	2	8	R-4	18	N/A	5.6	N/A	N/A
110	109.01	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	3	1.44	12	1
	109.02	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	4.16	12	1
	109.03	FILTER SOCK	0	1.6	7.9	0	5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	3.36	12	1
	109.04	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	7	16.48	12	3
112	110.01	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	15	6.08	12	1
	110.02	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	3.84	12	1
	110.03	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	4	2.88	12	1
	110.04	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	8	7.04	12	2
115	112.01	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	8	5.76	12	1
116	115.01	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	4.48	12	1
117	116.01	FILTER SOCK	0	1.6	7.1	0	4.5	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	3.2	12	1
	116.02A	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	7.04	12	2
	116.02B	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	14	7.2	12	2
	116.03A	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	32	6.72	12	2
	116.03B	FILTER SOCK	0	1.6	4.1	0	2.6	W3000	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	27	4.48	12	1
118	117.01	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	WATERBODY	2	2	10	R-8	63	N/A	7.52	N/A	N/A
	117.02	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	WATERBODY	2	2	10	R-8	63	N/A	3.84	N/A	N/A
119	118.01	FILTER SOCK	0	1.25	10.0	0	8	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	1.44	12	1
	118.02	FILTER SOCK	0	1	7.5	0	7.5	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	1.07	12	1
122	119.01	SWALE	2	2	10	2	2	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	17.6	12	3
	119.02	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	7.2	12	2
	119.03A	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	12	2.56	12	1
	119.03B	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	6.88	12	2
	119.04	SWALE	2	2	10	2	2	SC250	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	6.24	12	2
123	122.01A	FILTER SOCK	0	1.6	6.3	0	4	P550	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	24	2.88	12	1
	122.01B	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	24	7.2	12	2
	122.01C	FILTER SOCK	0	1.6	9.5	0	6	SC250	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	21	2.4	12	1
	122.02	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	5.92	12	1
	122.03	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	5	2.72	12	1
123	123.01	FILTER SOCK	0	1.6	7.1	0	4.5	W3000	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	3.68	12	1
	123.02	SWALE	2	2	10	2	2	SC250	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	24	6.88	12	2
	123.03	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	7.04	12	2
	123.04A	FILTER SOCK	0	1	10.0	0	10	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	11	2.72	12	1
	123.04B	SWALE	2	2	10	2	2	SC250	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	13	12.96	12	3
	123.04C	SWALE	2	2	10	2	2	S75	UNREINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	11	4.0	12	1
	123.04D	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	10	2.08	12	1

TEMPORARY DIVERSION SUMMARY - COLUMBIA COUNTY, PENNSYLVANIA

MILE POST	DIVERSION										WATERBODY**					TEMP. PIPE (CLEAN WATER) CROSSING			
	DIVERSION ID	DIVERSION TYPE	BOTTOM WIDTH B (FT)	DEPTH D (FT)	TOP WIDTH W (FT)	Z1 (FT)	Z2 (FT)	TEMPORARY LINING	PERMANENT LINING	DISCHARGE TYPE	INITIAL WIDTH (FT)	TERMINAL WIDTH (FT)	LENGTH (FT)	RIP RAP SIZE***	RIP RAP THICKNESS (IN)	R.O.W. SLOPE (%)	Q (CFS)	TEMPORARY PIPE SIZE DIAMTER (IN)	# OF PIPES
124																			
	124.01	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	3	4.32	12	1
	124.02A	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	9	7.84	12	2
	124.02B	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	8	7.68	12	2
	124.02C	SWALE	2	2	10	2	2	SC150	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	8	5.44	12	1

99	CSA-HDD-CO-SUS	SWALE	2	1.5	11	3	3	W3000	REINFORCED VEGETATION	TEMP. PIPE	-	-	-	-	-	12	13.22		1
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*High Quality or Exceptional Value Watershed

** Diversion End Treatment to Stream or Wetland

*** Sizing was determined using maximum allowable velocity outlined in Table 6.6 of the PA DEP Erosion and Sediment Pollution Control Program Manual, dated March 2012

Drainage Area > 5 acres due to valley/drainage ditch

Drainage Area > 5 acres due to wetlands