

14-90.1

ACRES DRAINED PER QUANTITY OF FLOW									
Quantity cfs	Acres				Quantity cfs	Acres			
	A	B	C	D		A	B	C	D
1	3	7	12	18	41	136	254	593	1182
2	6	13	21	31	42	140	260	621	1220
3	10	19	30	44	43	143	267	649	1260
4	13	25	39	57	44	147	274	677	1300
5	16	31	48	70	45	150	281	705	1340
6	20	37	57	85	46	154	288	733	1380
7	23	43	66	100	47	157	295	761	1420
8	26	50	75	126	48	161	302	789	1460
9	30	55	84	132	49	164	309	817	1500
10	33	60	93	148	50	168	316	845	1540
11	36	66	102	164	52	175	331	900	1610
12	40	73	111	180	54	182	347	955	1680
13	43	79	120	208	56	190	362	1010	1750
14	46	85	130	226	58	197	378	1065	1820
15	50	91	141	245	60	204	393	1130	1890
16	53	97	152	269	62	211	413	1176	1960
17	56	103	163	293	64	218	433	1232	2030
18	60	109	175	317	66	225	453	1288	2100
19	63	115	187	341	68	232	473	1337	2170
20	66	120	198	365	70	239	492	1386	2240
21	70	127	209	401	72	246	519	1435	2317
22	73	131	223	437	74	253	545	1484	2394
23	76	139	237	474	76	260	571	1533	2471
24	80	145	251	510	78	267	598	1581	2548
25	83	150	265	550	80	274	625	1630	2624
26	86	156	279	590	82	281	659	1679	2701
27	90	162	283	630	84	288	693	1728	2778
28	93	169	307	670	86	295	727	1780	2854
29	97	175	321	710	88	302	761	1831	2931
30	100	182	335	750	90	310	795	1883	3008
31	103	188	356	790	92	318	830	1934	3085
32	107	195	377	830	94	326	864	1986	3162
33	110	201	398	870	96	334	899	2037	3238
34	113	208	419	910	98	342	933	2089	3315
35	117	214	440	949	100	350	968	2140	3392
36	120	220	465	988	105	373	1052	2269	3597
37	123	227	490	1026	110	397	1137	2398	3802
38	127	234	515	1065	115	420	1223	2526	4006
39	129	240	540	1104	120	443	1307	2655	4211
40	133	247	565	1143	125	467	1390	2784	4416

Exhibit 14-2.1

REFERENCE DRAINAGE RUNOFF CURVES NORTHERN HUMID AREAS	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	RTSC-NE-ENG. 1410 SHEET <u>1</u> OF <u>2</u>
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USDA-SCS-WYATTSDALE, MD. 1970

14-90.2

ACRES DRAINED PER QUANTITY OF FLOW									
Quantity cfs	Acres				Quantity cfs	Acres			
	A	B	C	D		A	B	C	D
130	490	1473	2918	4621	280	1786	4429	7360	11360
135	518	1556	3053	4826	285	1844	4540	7520	11600
140	546	1639	3187	5030	290	1903	4646	7680	11840
145	573	1722	3322	5235	295	1961	4755	7840	12080
150	601	1805	3456	5440	300	2019	4864	8000	12320
155	629	1888	3592	5664	305	2077	4992	8160	12576
160	657	1980	3738	5888	310	2135	5120	8320	12832
165	701	2072	3878	6112	315	2193	5248	8480	13088
170	745	2165	4019	6336	320	2252	5376	8640	13340
175	788	2258	4160	6560	325	2310	5504	8800	13600
180	832	2350	4310	6784	330	2368	5632	8960	13856
185	875	2442	4442	7008	335	2432	5760	9120	14112
190	917	2535	4523	7232	340	2496	5888	9280	14368
195	960	2628	4724	7456	345	2560	6016	9440	14624
200	1004	2720	4864	7680	350	2624	6144	9600	14880
205	1048	2826	5019	7904	355	2688	6266	9766	15152
210	1092	2931	5172	8128	360	2752	6387	9933	15424
215	1136	3037	5326	8352	365	2816	6509	10097	15696
220	1180	3142	5479	8576	370	2880	6630	10266	15968
225	1224	3248	5633	8800	375	2955	6752	10432	16240
230	1268	3354	5787	9024	380	3029	6874	10598	16512
235	1312	3459	5940	9248	385	3104	6995	10765	16784
240	1364	3565	6094	9472	390	3179	7117	10931	17056
245	1416	3670	6247	9690	395	3253	7238	11098	17328
250	1468	3776	6400	9920	400	3328	7360	11264	17600
255	1520	3884	6560	10160					
260	1572	3994	6720	10400					
265	1624	4102	6880	10640					
270	1676	4211	7040	10880					
275	1728	4320	7200	11120					

Exhibit 14-2.1

REFERENCE DRAINAGE RUNOFF CURVES NORTHERN HUMID AREAS	U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE ENGINEERING & WATERSHED PLANNING UNIT UPPER DARBY, PENNSYLVANIA	RTSC-NE-ENG. 1410 SHEET 2 OF 2
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