FIELD SLOPE - 2 PERCENT

Combined Natural and Excavated Storage in Cubic Feet Per Lineal Foot

DESIGN DEPTH FEET	CUT DEPTH - FEET 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0
.1	1	1	1	1	1	1	1	1	1	1	1	1	1
.2	2	2	2	2	2	2	2	2	2	2	2	2	2
.3	4	2	2	2	2	2	2	2	2	2	2	2	2
.4	7	4	3	3	3	3	3	3	3	3	3	3	3
.5	10	6	4	4	4	4	4	4	4	4	4	4	4
.6	13	8	6	5	5	5	5	5	5	5	5	5	5
.7	17	11	8	6	6	6	6	6	6	6	6	6	6
.8	22	15	10	8	8	8	8	8	8	8	8	8	8
.9	27	19	13	10	9	9	9	9	9	9	9	9	9
1.0	32	23	17	12	10	10	10	10	10	10	10	10	10
1.1	38	28	20	15	12	11	11	11	11	11	11	11	11
1.2	44	34	25	19	15	13	13	13	13	13	13	13	13
1.3	51	39	30	23	18	15	14	14	14	14	14	14	14
1.4	59	46	35	27	21	17	16	16	16	16	16	16	16
1.5	67	53	41	32	25	20	18	17	17	17	17	17	17
1.6	75	60	48	37	29	24	20	19	19	19	19	19	19
1.7	84	68	55	43	34	28	23	21	21	21	21	21	21
1.8	94	77	62	50	40	32	27	23	22	22	22	22	22
1.9	104	86	70	57	46	37	30	26	24	24	24	24	24
2.0	114	95	79	64	52	42	35	30	27	26	26	26	26
2.1	125	105	87	72	59	48	40	34	30	28	28	28	28
2.2	136	116	97	81	67	55	45	38	33	30	30	30	30
2.3	148	126	107	90	75	62	51	43	37	33	32	32	32
2.4	161	138	117	99	83	69	58	48	42	37	34	34	34
2.5	174	150	128	109	92	77	65	54	46	41	37	36	36
2.6	187	162	140	119	101	86	72	61	52	45	41	38	38
2.7	201	175	152	130	111	95	80	68	58	50	45	41	41
2.8	216	189	164	142	122	104	89	75	64	56	49	43	43
2.9	231	203	177	154	133	114	97	83	71	62	54	46	46
3.0	246	217	191	166	144	124	107	92	79	68	60	49	48
3.2	254	226	200	177	155	136	120	105	93	83	76	67	66
3.4	287	257	229	204	180	159	141	124	110	98	89	75	73
3.6	322	290	260	233	207	184	164	145	129	115	104	85	80
3.8	359	325	293	264	236	211	189	168	150	134	121	97	87
4.0	398	362	328	297	267	240	216	193	173	155	140	111	96
4.5	504	463	424	388	354	322	292	265	239	217	196	154	127
5.0	623	577	533	492	452	415	381	348	318	290	265	211	171
5.5	754	703	654	608	564	522	482	445	409	377	346	279	227
6.0	898	842	788	737	687	640	596	553	513	475	440	361	296
6.5	1054	993	934	878	824	772	722	675	629	587	546	454	377
7.0	1223	1157	1093	1032	972	915	861	808	758	710	665	561	471
7.5	1404	1333	1264	1198	1134	1072	1012	955	899	847	796	679	577
8.0	1598	1522	1448	1377	1307	1240	1176	1113	1053	995	940	811	696

NOTES

1. All front slopes are 14 feet. Stakeline is 14 feet uphill from completed terrace ridge and will be the centerline of completed channel. c - cut in channel in feet.

2. d - depth of water in feet in the completed terrace, measured from the completed channel bottom to the top of the terrace ridge. Terrace ridge is assumed to always be at the design depth level, even when c exceeds d. Cutslope is 6:1.

Exhibit IN-8-3 Terrace storage table

(sheet 1 of 6)

FIELD SLOPE - 3 PERCENT

Combined Natural and Excavated Storage in Cubic Feet Per Lineal Foot

DESIGN DEPTH FEET	CUT DEPTH - FEET 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0
.1	1	1	1	1	1	1	1	1	1	1	1	1	1
.2	2	2	2	2	2	2	2	2	2	2	2	2	2
.3	4	2	2	2	2	2	2	2	2	2	2	2	2
.4	5	4	3	3	3	3	3	3	3	3	3	3	3
.5	8	5	4	4	4	4	4	4	4	4	4	4	4
.6	10	7	5	5	5	5	5	5	5	5	5	5	5
.7	13	9	7	6	6	6	6	6	6	6	6	6	6
.8	16	12	9	8	8	8	8	8	8	8	8	8	8
.9	20	15	11	9	9	9	9	9	9	9	9	9	9
1.0	24	18	14	11	10	10	10	10	10	10	10	10	10
1.1	28	21	16	13	12	11	11	11	11	11	11	11	11
1.2	32	25	20	16	13	13	13	13	13	13	13	13	13
1.3	37	29	23	19	16	14	14	14	14	14	14	14	14
1.4	42	34	27	22	18	16	16	16	16	16	16	16	16
1.5	48	39	31	25	21	18	17	17	17	17	17	17	17
1.6	54	44	36	29	24	21	19	19	19	19	19	19	19
1.7	60	50	41	33	28	24	21	21	21	21	21	21	21
1.8	67	55	46	38	32	27	24	22	22	22	22	22	22
1.9	73	62	51	43	36	30	27	25	24	24	24	24	24
2.0	81	68	57	48	40	34	30	27	26	26	26	26	26
2.1	88	75	63	54	45	39	33	30	28	28	28	28	28
2.2	96	82	70	59	50	43	37	33	31	30	30	30	30
2.3	104	90	77	66	56	48	42	37	34	32	32	32	32
2.4	113	98	84	72	62	53	46	41	37	35	34	34	34
2.5	122	106	92	79	68	59	51	45	40	38	36	36	36
2.6	131	114	99	86	75	65	56	49	44	41	39	38	38
2.7	140	123	108	94	81	71	62	54	48	44	42	41	41
2.8	150	132	116	102	89	77	68	59	53	48	45	43	43
2.9	160	142	125	110	96	84	74	65	55	52	48	46	46
3.0	171	152	134	118	104	91	80	71	63	57	52	48	48
3.2	168	150	134	119	107	95	86	78	71	67	64	62	62
3.4	190	171	153	137	123	111	100	90	83	77	72	68	68
3.6	213	193	174	157	141	127	115	104	95	88	82	75	75
3.8	238	216	196	177	161	145	132	120	109	101	94	83	82
4.0	264	241	219	199	181	165	150	136	125	115	106	92	89
4.5	335	308	283	260	239	219	201	184	169	156	144	122	109
5.0	414	384	356	329	305	281	260	240	221	205	190	159	139
5.5	501	468	437	407	379	352	327	304	282	262	244	205	176
6.0	597	561	525	493	461	431	403	377	351	328	306	259	222
6.5	701	662	623	587	552	519	487	457	429	402	377	322	276
7.0	814	771	729	689	651	615	580	547	515	485	456	392	339
7.5	935	888	843	800	759	719	681	644	609	576	544	472	409
8.0	1064	1014	966	919	875	831	790	750	711	675	640	559	489

NOTES

1. All frontslopes are 14 feet. Stakeline is 14 feet uphill from completed terrace ridge and will be the centerline of completed channel. c - cut in channel in feet.

2. d - depth of water in feet in the completed terrace, measured from the completed channel bottom to the top of the terrace ridge. Terrace ridge is assumed to always be at the design depth level, even when c exceeds d. Cutslope is 6:1.

Exhibit IN-8-3 Terrace storage table

(sheet 2 of 6)

Combined Natural and Excavated Storage in Cubic Feet Per Lineal Foot

DESIGN DEPTH FEET	CUT DEPTH - FEET 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0
.1	1	1	1	1	1	1	1	1	1	1	1	1	1
.2	2	2	2	2	2	2	2	2	2	2	2	2	2
.3	3	2	2	2	2	2	2	2	2	2	2	2	2
.4	5	3	3	3	3	3	3	3	3	3	3	3	3
.5	7	5	4	4	4	4	4	4	4	4	4	4	4
.6	9	6	5	5	5	5	5	5	5	5	5	5	5
.7	11	8	7	6	6	6	6	6	6	6	6	6	6
.8	14	10	8	8	8	8	8	8	8	8	8	8	8
.9	16	13	10	9	9	9	9	9	9	9	9	9	9
1.0	20	15	12	10	10	10	10	10	10	10	10	10	10
1.1	23	18	14	12	11	11	11	11	11	11	11	11	10
1.2	26	21	17	14	13	13	13	13	13	13	13	13	13
1.3	30	24	20	17	15	14	14	14	14	14	14	14	14
1.4	34	28	23	19	17	16	16	16	16	16	16	16	16
1.5	39	32	26	22	19	18	17	17	17	17	17	17	17
1.6	43	36	30	25	22	20	19	19	19	19	19	19	19
1.7	48	40	34	28	25	22	21	21	21	21	21	21	21
1.8	53	45	38	32	28	25	23	22	22	22	22	22	22
1.9	58	50	42	36	31	27	25	24	24	24	24	24	24
2.0	64	55	47	40	35	30	28	26	26	26	26	26	26
2.1	70	60	51	44	38	34	31	29	28	28	28	28	28
2.2	76	66	57	49	42	37	34	31	30	30	30	30	30
2.3	82	71	62	54	47	41	37	34	32	32	32	32	32
2.4	89	77	67	59	51	45	40	37	35	34	34	34	34
2.5	96	84	73	64	56	50	44	40	38	36	36	36	36
2.6	103	90	79	70	61	54	48	44	41	39	38	38	38
2.7	110	97	86	75	67	59	53	48	44	42	41	41	41
2.8	118	104	92	82	72	64	57	52	48	45	43	43	43
2.9	125	112	99	88	78	69	62	56	52	48	46	46	46
3.0	134	119	106	94	84	75	67	61	56	52	49	48	48
3.2	124	112	100	90	82	75	69	64	61	59	58	58	58
3.4	141	127	115	104	94	86	79	73	69	66	64	64	64
3.6	158	144	130	118	108	99	91	84	79	75	72	70	70
3.8	177	161	147	134	122	112	103	95	89	84	80	77	77
4.0	196	180	164	150	138	127	117	108	101	95	90	84	84
4.5	249	23-	212	196	181	167	155	144	134	125	118	106	102
5.0	309	287	267	248	230	214	199	185	173	162	152	134	124
5.5	374	350	327	306	286	267	250	234	219	205	193	168	152
6.0	446	420	394	370	348	327	307	288	271	255	240	209	186
6.5	524	495	467	441	416	392	370	349	329	310	293	255	227
7.0	609	577	547	518	490	464	439	415	393	372	352	309	274
7.5	693	665	632	601	571	542	515	489	464	440	418	368	327
8.0	796	760	724	690	658	627	597	568	541	515	490	434	386

NOTES

1. All frontslopes are 14 feet. Stakeline is 14 feet uphill from completed terrace ridge and will be the centerline of completed channel. c - cut in channel in feet.

2. d - depth of water in feet in the completed terrace, measured from the completed channel bottom to the top of the terrace ridge. Terrace ridge is assumed to always be at the design depth level, even when c exceeds d. Cutslope is 6:1.

Exhibit IN-8-3 Terrace storage table

(sheet 3 of 6

FIELD SLOPE - 5 PERCENT

Combined Natural and Excavated Storage in Cubic Feet Per Lineal Foot

DESIGN DEPTH FEET	CUT DEPTH - FEET 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0
.1	1	1	1	1	1	1	1	1	1	1	1	1	1
.2	2	2	2	2	2	2	2	2	2	2	2	2	2
.3	3	2	2	2	2	2	2	2	2	2	2	2	2
.4	4	3	3	3	3	3	3	3	3	3	3	3	3
.5	6	5	4	4	4	4	4	4	4	4	4	4	4
.6	8	6	5	5	5	5	5	5	5	5	5	5	5
.7	10	8	6	6	6	6	6	6	6	6	6	6	6
.8	12	9	8	8	8	8	8	8	8	8	8	8	8
.9	14	11	9	9	9	9	9	9	9	9	9	9	9
1.0	17	14	11	10	10	10	10	10	10	10	10	10	10
1.1	20	16	13	12	11	11	11	11	11	11	11	11	11
1.2	23	19	15	14	13	13	13	13	13	13	13	13	13
1.3	26	21	18	16	14	14	14	14	14	14	14	14	14
1.4	29	24	20	18	16	16	16	16	16	16	16	16	16
1.5	33	28	23	20	18	17	17	17	17	17	17	17	17
1.6	37	31	26	23	20	19	19	19	19	19	19	19	19
1.7	41	35	29	26	23	21	21	21	21	21	21	21	21
1.8	45	38	33	29	25	23	22	22	22	22	22	22	22
1.9	49	42	36	32	28	26	24	24	24	24	24	24	24
2.0	54	47	40	35	31	28	27	26	26	26	26	26	26
2.1	59	51	44	39	34	31	29	28	28	28	28	28	28
2.2	64	56	48	43	38	34	32	30	30	30	30	30	30
2.3	69	60	53	47	41	37	34	33	32	32	32	32	32
2.4	74	65	57	51	45	41	37	35	34	34	34	34	34
2.5	80	71	62	55	49	44	41	38	37	36	36	36	36
2.6	86	76	67	60	53	48	44	41	39	38	38	38	38
2.7	92	82	72	65	58	52	48	44	42	41	41	41	41
2.8	98	87	78	70	62	56	51	48	45	43	43	43	43
2.9	104	93	83	75	67	61	55	51	48	46	46	46	46
3.0	111	100	89	80	72	65	60	55	52	49	48	48	48
3.2	97	88	80	73	67	62	58	56	54	54	54	54	54
3.4	111	100	91	83	77	71	66	63	61	60	60	60	60
3.6	125	114	104	95	87	81	76	72	68	67	66	66	66
3.8	139	128	117	107	99	92	86	81	77	74	73	72	72
4.0	155	142	131	121	111	103	96	91	86	83	80	79	79
4.5	198	183	169	157	146	136	127	119	113	107	103	97	97
5.0	245	228	213	199	185	173	162	153	144	137	130	119	116
5.5	298	279	261	245	230	216	203	191	181	171	163	147	138
6.0	355	334	315	297	279	263	248	235	222	211	200	179	166
6.5	418	395	373	353	334	316	299	283	269	255	243	217	198
7.0	485	460	437	415	393	373	354	337	320	305	290	259	236
7.5	558	531	505	481	458	436	415	395	377	359	343	307	278
8.0	635	606	579	553	527	503	480	459	438	419	400	359	326

NOTES

1. All frontslopes are 14 feet. Stakeline is 14 feet uphill from completed terrace ridge and will be the centerline of completed channel. c - cut in channel in feet.

2. d - depth of water in feet in the completed terrace, measured from the completed channel bottom to the top of the terrace ridge. Terrace ridge is assumed to always be at the design depth level, even when c exceeds d. Cutslope is 6:1.

Exhibit IN-8-3 Terrace storage table

(sheet 4 of 6

Combined Natural and Excavated Storage in Cubic Feet Per Lineal Foot

DESIGN DEPTH FEET	CUT DEPTH - FEET 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0
.1	1	1	1	1	1	1	1	1	1	1	1	1	1
.2	2	2	2	2	2	2	2	2	2	2	2	2	2
.3	3	2	2	2	2	2	2	2	2	2	2	2	2
.4	4	3	3	3	3	3	3	3	3	3	3	3	3
.5	6	4	4	4	4	4	4	4	4	4	4	4	4
.6	7	6	5	5	5	5	5	5	5	5	5	5	5
.7	9	7	6	6	6	6	6	6	6	6	6	6	6
.8	11	9	8	8	8	8	8	8	8	8	8	8	8
.9	13	11	9	9	9	9	9	9	9	9	9	9	9
1.0	15	13	11	10	10	10	10	10	10	10	10	10	10
1.1	18	15	13	11	11	11	11	11	11	11	11	11	11
1.2	20	17	14	13	13	13	13	13	13	13	13	13	13
1.3	23	19	17	15	14	14	14	14	14	14	14	14	14
1.4	26	22	19	17	16	16	16	16	16	16	16	16	16
1.5	29	25	21	19	18	17	17	17	17	17	17	17	17
1.6	33	28	24	21	20	19	19	19	19	19	19	19	19
1.7	36	31	27	24	22	21	21	21	21	21	21	21	21
1.8	40	34	30	26	24	23	22	22	22	22	22	22	22
1.9	43	38	33	29	26	25	24	24	24	24	24	24	24
2.0	47	41	36	32	29	27	26	26	26	26	26	26	26
2.1	51	45	40	35	32	29	28	28	28	28	28	28	28
2.2	56	49	43	38	35	32	30	30	30	30	30	30	30
2.3	60	53	47	42	38	35	33	32	32	32	32	32	32
2.4	65	57	51	45	41	38	36	34	34	34	34	34	34
2.5	70	62	55	49	45	41	38	37	36	36	36	36	36
2.6	75	66	59	53	48	44	41	39	39	38	38	38	38
2.7	80	71	64	57	52	48	44	42	41	41	41	41	41
2.8	85	76	68	62	56	51	48	45	44	43	43	43	43
2.9	90	81	73	66	60	55	51	48	46	46	46	46	46
3.0	96	87	78	71	64	59	55	52	49	48	48	48	48
3.2	79	72	66	61	56	53	51	50	50	50	50	50	50
3.4	90	82	75	70	65	61	58	56	56	56	56	56	56
3.6	102	93	86	79	74	69	66	63	62	61	61	61	61
3.8	114	105	97	90	83	78	74	71	69	68	68	68	68
4.0	127	117	108	101	94	88	83	79	77	75	74	74	74
4.5	163	151	141	131	122	115	108	103	99	95	93	91	91
5.0	202	189	177	166	155	146	138	131	125	120	116	111	110
5.5	246	231	217	204	192	182	172	163	155	149	143	133	130
6.0	294	277	262	247	234	221	210	199	190	182	174	161	153
6.5	346	328	311	294	279	265	252	240	229	219	210	192	180
7.0	402	382	363	346	329	313	298	284	272	260	249	227	212
7.5	463	441	421	401	382	365	348	333	319	305	293	267	247
8.0	527	504	482	461	440	421	403	386	370	355	341	311	287

NOTES

1. All frontslopes are 14 feet. Stakeline is 14 feet uphill from completed terrace ridge and will be the centerline of completed channel. c - cut in channel in feet.

2. d - depth of water in feet in the completed terrace, measured from the completed channel bottom to the top of the terrace ridge. Terrace ridge is assumed to always be at the design depth level, even when c exceeds d. Cutslope is 6:1.

Exhibit IN-8-3 Terrace storage table

(sheet 5 of 6)

FIELD SLOPE - 8 PERCENT

Combined Natural and Excavated Storage in Cubic Feet Per Lineal Foot

DESIGN DEPTH FEET	CUT DEPTH - FEET 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.5	3.0
.1	1	1	1	1	1	1	1	1	1	1	1	1	1
.2	2	2	2	2	2	2	2	2	2	2	2	2	2
.3	3	2	2	2	2	2	2	2	2	2	2	2	2
.4	4	3	3	3	3	3	3	3	3	3	3	3	3
.5	5	4	4	4	4	4	4	4	4	4	4	4	4
.6	6	5	5	5	5	5	5	5	5	5	5	5	5
.7	8	7	6	6	6	6	6	6	6	6	6	6	6
.8	10	8	8	8	8	8	8	8	8	8	8	8	8
.9	11	10	9	9	9	9	9	9	9	9	9	9	9
1.0	13	11	10	10	10	10	10	10	10	10	10	10	10
1.1	15	13	12	11	11	11	11	11	11	11	11	11	11
1.2	17	15	13	13	13	13	13	13	13	13	13	13	13
1.3	20	17	15	14	14	14	14	14	14	14	14	14	14
1.4	22	19	17	16	16	16	16	16	16	16	16	16	16
1.5	25	21	19	19	17	17	17	17	17	17	17	17	17
1.6	27	24	21	20	19	19	19	19	19	19	19	19	19
1.7	30	26	23	22	21	21	21	21	21	21	21	21	21
1.8	33	29	26	24	23	22	22	22	22	22	22	22	22
1.9	36	32	28	26	25	24	24	24	24	24	24	24	24
2.0	39	34	31	28	27	26	26	26	26	26	26	26	26
2.1	42	37	34	31	29	28	28	28	28	28	28	28	28
2.2	46	41	37	33	31	30	30	30	30	30	30	30	30
2.3	49	44	40	36	34	32	32	32	32	32	32	32	32
2.4	53	47	43	39	36	35	34	34	34	34	34	34	34
2.5	57	51	46	42	39	37	36	36	36	36	36	36	36
2.6	60	54	49	45	42	40	39	38	38	38	38	38	38
2.7	64	58	53	49	45	43	41	41	41	41	41	41	41
2.8	69	62	57	52	48	46	44	43	43	43	43	43	43
2.9	73	66	60	55	52	49	47	46	46	46	46	46	46
3.0	77	70	64	59	55	52	50	48	48	48	48	48	48
3.2	56	51	48	45	43	42	42	42	42	42	42	42	42
3.4	64	59	55	52	49	48	48	48	48	48	48	48	48
3.6	73	67	63	59	56	54	53	53	53	53	53	53	53
3.8	82	76	71	67	63	61	60	59	59	59	59	59	59
4.0	92	85	80	75	71	68	66	65	65	65	65	65	65
4.5	119	111	104	98	93	88	85	83	82	82	82	82	82
5.0	148	139	131	124	117	112	108	104	102	100	99	99	99
5.5	181	171	161	153	145	138	133	128	124	122	120	119	119
6.0	217	205	195	185	176	168	161	155	150	146	143	140	140
6.5	256	243	231	220	210	201	193	186	179	174	170	163	162
7.0	298	284	271	259	247	237	228	219	212	205	199	190	186
7.5	344	328	314	300	288	276	265	256	247	239	232	219	213
8.0	392	375	360	345	331	318	306	295	285	276	268	252	242

NOTES

1. All frontslopes are 14 feet. Stakeline is 14 feet uphill from completed terrace ridge and will be the centerline of completed channel.
c - Cut in channel in feet.

2. d - depth of water in feet in the completed terrace, measured from the completed channel bottom to the top of the terrace ridge. Terrace ridge is assumed to always be at the design depth level, even when c exceeds d. Cutslope is 6:1.

Exhibit IN-8-3 Terrace storage table

(sheet 6 of 6)