APPENDIX 7-35

CALCULATIONS OF RUNOFF CURVE NUMBERS FOR THE COMPOSITE LAND TYPES

EARTHFAX ENGINEERING, INC.
ENGINEERS / SCIENTISTS

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EARTHFAX LAND TYPE (FT^2).		FOREST SERVICE LAND TYPE (FT^2)
#1	472,000 FT^2	104 → 400,000 FT^2
		112 → 72,000 FT^2
		TOTAL = 472,000 FT^2
#2	901,000 FT^2	104 → 743,000 FT^3
		60 → 158,000 FT^2
		TOTAL = 901,000 FT^2
#3	816,000 FT^2	104 → 816,000 FT^2
		TOTAL = 816,000 FT^2
#4	6,129,000 FT^2	45 → 142,000 FT^2
		86 → 144,000 FT^2
		104 → 5,735,000 FT^2
		112 → 108,000 FT^2
		TOTAL = 6,129,000 FT^2
#5	586,000 FT^2	104 → 586,000 FT^2
		TOTAL = 586,000 FT^2
#6	592,000 FT^2	104 → 20,000 FT^2
		112 → 572,000 FT^2
		TOTAL = 592,000 FT^2
#7	480,000 FT^2	45 → 480,000 FT^2
		TOTAL = 480,000 FT^2
#8	4,110,000 FT^2	86 → 52,000 FT^2
		45 → 1,876,000 FT^2
		104 → 170,000 FT^2
		112 → 2,012,000 FT^2
		TOTAL = 4,110,000 FT^2

EARTHFAX ENGINEERING, INC.
ENGINEERS / SCIENTISTS

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EARTHFAX LAND TYPE #	F. SERVICE LAND TYPE	USES C N	WEIGHTED AVERAGE FACTOR	WEIGHTED AVERAGE CN
#1	104	61	0.847	59
	112	46	0.153	
#2	104	61	0.825	60
	60	56	0.175	
#3	104	61	1.00	61
#4	45	42	0.023	60
	86	35	0.023	
	104	61	0.936	
	112	46	0.018	
#5	104	61	1.00	61
#6	104	61	0.034	47
	112	46	0.966	
#7	45	42	1.00	42
#8	45	42	0.013	42
	86	35	0.456	
	104	61	0.041	
	112	46	0.490	