

APPENDIX G

Land Evaluation and Site Assessment Worksheets

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LESA Worksheets

Project Site

Table G-1. Land Evaluation Worksheet – Land Capability Classification (LCC) and Storie Index Scores

A	B	C	D	E	F	G	H
Soil Map Unit	Project Acres	Proportion of Project Area	LCC	LCC Rating	LCC Score	Storie Index	Storie Index Score
hbmX	71.8	0.479	IIIe	70	33.53	26	12.45
2tb9f	43.0	0.287	IIs	80	22.96	45	12.92
hbn6	1.9	0.013	Ile	90	1.17	43	0.56
hbph	20.0	0.133	IIIw	60	7.98	67	8.91
hbpj	2.7	0.018	I	100	1.8	90	1.62
2tyxv	10.6	0.070	I	100	7	90	6.3
Totals	150	(Must Sum to 1.0)		LCC Total	74.44	Storie Index Total	42.76

Table G-2. Site Assessment Worksheet 1. – Project Size Score

	I	J	K
	LCC Class I - II	LCC Class III	LCC Class IV - VIII
		71.8	
	43		
	1.9		
		20	
	2.7		
	10.6		
Total Acres	58.2	91.8	
Project Size Scores	80	80	
	Highest Project Size Score		80

Table G-3. Site Assessment Worksheet 2. – Water Resources Availability

A	B	C	D	E
Project Portion	Water Source	Proportion of Project Area	Water Availability Score	Weighted Availability Score (C x D)
1	Groundwater only	1.0	100	100
2				
3				
4				
5				
6				
		(Must Sum to 1.0)	Total Water Resource Score	100

Table G-4. Final LESA Scoresheet

A	B	X	C	=	D
Factor Name	Factor Rating (0-100 points)		Factor Weighting (Total = 1.00)		Weighted Factor Rating
Land Evaluation					
1. Land Capability Classification	<Line 1> 74.44	X	0.25	=	18.61
2. Storie Index Rating	<Line 2> 42.76	X	0.25	=	10.69
Site Assessment					
1. Project Size	<Line 3> 80	X	0.15	=	12
2. Water Resource Availability	<Line 4> 100	X	0.15	=	15
3. Surrounding Agricultural Lands	<Line 5> 0	X	0.15	=	0
4. Protected Resource Lands	<Line 6> 20	X	0.05	=	1
Total LESA Score (sum of weighted factor ratings)					<Line 7> 57.3

Table G-5. California LESA Model Scoring Thresholds

Total LESA Score	Scoring Decision
0 to 39 Points	Not Considered Significant
40 to 59 Points	Considered Significant <u>only</u> if LE <u>and</u> SA subscores are each <u>greater</u> than or equal to 20 points
60 to 79 Points	Considered Significant <u>unless</u> either LE <u>or</u> SA subscore is <u>less</u> than 20 points
80 to 100 Points	Considered Significant