Appendix I: LESA Model Worksheets

Rich Haven

LESA Worksheet (cont.)

NOTES

Final LESA Score Sheet

Calculation of the Final LESA Score:

(1) Multiply each factor score by the factor weight to determine the weighted score and enter in Weighted Factor Scores column.
(2) Sum the weighted factor scores for the LE factors to determine the total LE score for the project.
(3) Sum the weighted factor scores for the SA factors to determine the total SA score for the project.
(4) Sum the total LE and SA scores to determine the Final LESA Score for the project.

	Factor Scores	Factor Weight	Weighted Factor Scores
LE Factors			
Land Capability Classification	<1> 73.2	0.25	18.3
Storie Index	<2> 64.83	0.25	16.21
LE Subtotal		***0.50***	34.51
SA Factors			
Project Size	<3> 100	0.15	15.0
Water Resource Availability	<4> 90	0.15	13.5
Surrounding Agricultural Land	<5> 70	0.15	10.5
Protected Resource Land	<6> 0	0.05	0
SA Subtotal		***0.50***	39.0
		Final LESA Score	73.51

For further information on the scoring thresholds under the California Agricultural LESA Model, consult Section 4 of the Instruction Manual.

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
HaC	14.5	0.03	IIe	90	2.7	86	2.58
TuB	7.7	0.02	IIIe	70	1.4	70	1.4
Hr	68.3	0.13	IIe	90	11.7	77	10.01
Db	419.5	0.82	IIIe	70	57.4	62	50.84
Totals	510.0	(Must Sum to 1.0)		***LCC Total Score***	73.2	***Storie Index Total Score***	64.83

Site Assessment Worksheet 1.

Project Size Score

	I	J	K
	LCC Class I - II	LCC Class III	LCC Class IV - VIII
	14.5		
		7.7	
	68.3		
		419.5	
Total Acres	82.8	427.2	–
Project Size Scores	100	100	

Highest Project Size Score 100

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	0.50	90	45
2	Not irrigated	0.50	90	45
3				
4				
5				
6				
		(Must Sum to 1.0)	***Total Water Resource Score***	90

Site Assessment Worksheet 3.
Surrounding Agricultural Land and Surrounding Protected Resource Land

A	B	C	D	E	F	G
Zone of Influence						
Total Acres "ZOI"	Acres in Agriculture	Acres of Protected Resource Land	Percent in Agriculture (A/B)	Percent Protected Resource Land (A/C)	Surrounding Agricultural Land Score (From Table)	Surrounding Protected Resource Land Score (From Table)
~1,950	~1,150	~280	59%	14%	70	0