# *CALIFORNIA ENERGY COMMISSION*

***REPORT OF CONVERSATION Page 1 of 1***

| | | |
|---|---|---|
| **Siting, Transmission, and Environmental Protection Division** | | **File: 11-AFC-04** |
| | **Project Title: Rio Mesa Solar Electric Generating Facility** | |
| **Conversation Method: E-Mail** | **Meeting Location: N/A** | |
| **Name(s): Pierre Martinez** | **Date: 10/18/12 - 10/24/12** | **Time: See Attached E-mails** |
| **With: Todd Stewart (BrightSource)** | | |
| **Subject: Land Evaluation and Site Assessment (LESA) Scores Noted in PSA Part B** | | |

On October 18, 2012, Todd Stewart of BrightSource e-mailed me to request the LESA worksheets staff used for the PSA analysis with respect to potential impacts on agricultural lands.

On October 24, 2012, I e-mailed to Mr. Stewart the LESA worksheets.

See attached e-mails.

California Energy Commission
DOCKETED
11-AFC-4
TN # 68083
OCT. 25 2012

| | | |
|---|---|---|
| **cc:** | **Date: 10/25/12** | **Signed:** |
| | | **Name:** |

**From:** Todd Stewart
**To:** Martinez, Pierre@Energy;
**Subject:** Another question
**Date:** Thursday, October 18, 2012 4:50:17 PM

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Pierre,

In reviewing the Land Use section, staff refers to LESA scoring on the impacts to agricultural land. We are honing the acreage estimates and would like to see the LESA worksheet used by staff to update the scores.

Thanks,

Todd

**From:** Martinez, Pierre@Energy
**To:** Todd Stewart;
**Subject:** FW: Site 2 & Site 4 Scanned .pdf documents
**Date:** Wednesday, October 24, 2012 10:32:07 AM
**Attachments:** Site 2.pdf
Site 4.pdf

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Todd, per your request for LESA Tables.

Pierre

Pierre Martinez, AICP
Project Manager
California Energy Commission
1516 Ninth Street, MS 15
Sacramento, CA 95814
Office: 916-651-3765
Email: pierre.martinez@energy.ca.gov

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**From:** Rodriguez, Raquel@Energy
**Sent:** Wednesday, October 24, 2012 10:27 AM
**To:** Martinez, Pierre@Energy
**Subject:** FW: Site 2 & Site 4 Scanned .pdf documents

Here you go I asked Diane because on my scanner it would have took about a half hour and I didn't know if you needed quickly. Diane's scanner took 3 minutes..

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**From:** Scott, Diane@Energy
**Sent:** Wednesday, October 24, 2012 10:25 AM
**To:** Rodriguez, Raquel@Energy
**Subject:** Site 2 & Site 4 Scanned .pdf documents

Here you go!

Respectfully,
Diane L. Scott, *Project Assistant*
Siting Unit MS -15
4-4237

***NOTES***

Site 2

## Calculation of the Land Evaluation (LE) Score

### Part 1. Land Capability Classification (LCC) Score:

(1) Determine the total acreage of the project.
(2) Determine the soil types within the project area and enter them in **Column A** of the **Land Evaluation Worksheet** provided on page 2-A.
(3) Calculate the total acres of each soil type and enter the amounts in **Column B**.
(4) Divide the acres of each soil type (**Column B**) by the total acreage to determine the proportion of each soil type present. Enter the proportion of each soil type in **Column C**.
(5) Determine the LCC for each soil type from the applicable Soil Survey and enter it in **Column D**.
(6) From the LCC Scoring Table below, determine the point rating corresponding to the LCC for each soil type and enter it in **Column E**.

LCC Scoring Table

| LCC Class | I | IIe | IIs,w | IIIe | IIIs,w | IVe | IVs,w | V | VI | VII | VIII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Points | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

(7) Multiply the proportion of each soil type (**Column C**) by the point score (**Column E**) and enter the resulting scores in **Column F**.
(8) Sum the LCC scores in **Column F**.
(9) Enter the LCC score in box <1> of the **Final LESA Score Sheet** on page 10-A.

### Part 2. Storie Index Score:

(1) Determine the Storie Index rating for each soil type and enter it in **Column G**.
(2) Multiply the proportion of each soil type (**Column C**) by the Storie Index rating (**Column G**) and enter the scores in **Column H**.
(3) Sum the Storie Index scores in **Column H** to gain the Storie Index Score.
(4) Enter the Storie Index Score in box <2> of the **Final LESA Score Sheet** on page 10-A.

## 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 |
| Ic | 11 | .61 | IIIs-5 | 60 | 36.6 | 41 | 25.01 |
| Ie | 5.5 | .31 | IIs-6 | 80 | 24.8 | 90 | 27.9 |
| Cs | 1 | .05 | IIs-6 | 80 | 4 | 68 | 3.4 |
| Rc | .5 | .03 | IIs-6 | 80 | 2.4 | 69 | 2.1 |
| | | | | | | | |
| | | | | | | | |
| ***Totals*** | 18 | (Must Sum to 1.0) | | ***LCC Total Score*** | 61.2 | ***Storie Index Total Score*** | 58.41 |

## Site Assessment Worksheet 1.

### Project Size Score

| | I | J | K |
|---|---|---|---|
| | LCC Class I - II | LCC Class III | LCC Class IV - VIII |
| | | 11 | |
| | 5.5 | | |
| | 1 | | |
| | .5 | | |
| | | | |
| | | | |
| ***Total Acres*** | 7 | 11 | |
| ***Project Size Scores*** | 0 | 10 | |

***Highest Project Size Score*** 10

***NOTES***

## Calculation of the Site Assessment (SA) Score

### Part 1. Project Size Score:.

(1) Using **Site Assessment Worksheet 1** provided on page 2-A, enter the acreage of each soil type from **Column B** in the **Column - I, J or K** - that corresponds to the LCC for that soil. (Note: While the Project Size Score is a component of the Site Assessment calculations, the score sheet is an extension of data collected in the Land Evaluation Worksheet, and is therefore displayed beside it).
(2) Sum **Column I** to determine the total amount of class I and II soils on the project site.
(3) Sum **Column J** to determine the total amount of class III soils on the project site.
(4) Sum **Column K** to determine the total amount of class IV and lower soils on the project site.
(5) Compare the total score for each LCC group in the Project Size Scoring Table below and determine which group receives the highest score.

Project Size Scoring Table

| Class I or II | | Class III | | Class IV or Lower | |
|---|---|---|---|---|---|
| Acreage | Points | Acreage | Points | Acreage | Points |
| >80 | 100 | >160 | 100 | >320 | 100 |
| 60-79 | 90 | 120-159 | 90 | 240-319 | 80 |
| 40-59 | 80 | 80-119 | 80 | 160-239 | 60 |
| 20-39 | 50 | 60-79 | 70 | 100-159 | 40 |
| 10-19 | 30 | 40-59 | 60 | 40-99 | 20 |
| 10< | 0 | 20-39 | 30 | 40< | 0 |
| | | 10-19 | 10 | | |
| | | 10< | 0 | | |

(6) Enter the **Project Size Score** (the highest score from the three LCC categories) in box <3> of the **Final LESA Score Sheet** on page 10-A.

***NOTES***

## Part 2. Water Resource Availability Score:

(1) Determine the type(s) of irrigation present on the project site, including a determination of whether there is dryland agricultural activity as well.

(2) Divide the site into portions according to the type or types of irrigation or dryland cropping that is available in each portion. Enter this information in **Column B** of **Site Assessment Worksheet 2. - Water Resources Availability**.

(3) Determine the proportion of the total site represented for each portion identified, and enter this information in **Column C**.

(4) Using the Water Resources Availability Scoring Table, identify the option that is most applicable for each portion, based upon the feasibility of irrigation in drought and non-drought years, and whether physical or economic restrictions are likely to exist. Enter the applicable Water Resource Availability Score into **Column D**.

(5) Multiply the Water Resource Availability Score for each portion by the proportion of the project area it represents to determine the weighted score for each portion in **Column E**.

(6) Sum the scores for all portions to determine the project's total Water Resources Availability Score

(7) Enter the Water Resource Availability Score in box <4> of the **Final LESA Score Sheet** on page 10-A.

**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 | Irrigation District | 1.0 | 85 | 85 |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| | | (Must Sum to 1.0) | ***Total Water Resource Score*** | 85 |

**Water Resource Availability Scoring Table**

| Option | Non-Drought Years | | | Drought Years | | | WATER RESOURCE SCORE |
|---|---|---|---|---|---|---|---|
| | RESTRICTIONS | | | RESTRICTIONS | | | |
| | Irrigated Production Feasible? | Physical Restrictions ? | Economic Restrictions ? | Irrigated Production Feasible? | Physical Restrictions ? | Economic Restrictions ? | |
| 1 | YES | NO | NO | YES | NO | NO | 100 |
| 2 | YES | NO | NO | YES | NO | YES | 95 |
| 3 | YES | NO | YES | YES | NO | YES | 90 |
| 4 | YES | NO | NO | YES | YES | NO | 85 |
| 5 | YES | NO | NO | YES | YES | YES | 80 |
| 6 | YES | YES | NO | YES | YES | NO | 75 |
| 7 | YES | YES | YES | YES | YES | YES | 65 |
| 8 | YES | NO | NO | NO | -- | -- | 50 |
| 9 | YES | NO | YES | NO | -- | -- | 45 |
| 10 | YES | YES | NO | NO | -- | -- | 35 |
| 11 | YES | YES | YES | NO | -- | -- | 30 |
| 12 | Irrigated production not feasible, but rainfall adequate for dryland production in both drought and non-drought years | | | | | | 25 |
| 13 | Irrigated production not feasible, but rainfall adequate for dryland production in non-drought years (but not in drought years) | | | | | | 20 |
| 14 | Neither irrigated nor dryland production feasible | | | | | | 0 |

***NOTES***

## Part 3. Surrounding Agricultural Land Use Score:

(1) Calculate the project's Zone of Influence (ZOI) as follows:
(a) a rectangle is drawn around the project such that the rectangle is the smallest that can completely encompass the project area.
(b) a second rectangle is then drawn which extends one quarter mile on all sides beyond the first rectangle.
(c) The ZOI includes all parcels that are contained within or are intersected by the second rectangle, less the area of the project itself.
(2) Sum the area of all parcels to determine the total acreage of the ZOI.
(3) Determine which parcels are in agricultural use and sum the areas of these parcels
(4) Divide the area in agriculture found in step (3) by the total area of the ZOI found in step (2) to determine the percent of the ZOI that is in agricultural use.
(5) Determine the Surrounding Agricultural Land Score utilizing the Surrounding Agricultural Land Scoring Table below.

**Surrounding Agricultural Land Scoring Table**

| Percent of ZOI in Agriculture | Surrounding Agricultural Land Score |
|---|---|
| 90-100 | 100 |
| 80-89 | 90 |
| 75-79 | 80 |
| 70-74 | 70 |
| 65-69 | 60 |
| 60-64 | 50 |
| 55-59 | 40 |
| 50-54 | 30 |
| 45-49 | 20 |
| 40-44 | 10 |
| <40 | 0 |

(5) Enter the Surrounding Agricultural Land Score in box <5> of the **Final LESA Score Sheet** on page 10-A.

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

| A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|
| **Zone of Influence** | | | | | | |
| Total Acres | 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) |
| 180 | 175 | 140 | 97 | 28 | 100 | 0 |

160
15
180
175

***NOTES***

## Part 4. Protected Resource Lands Score:

The Protected Resource Lands scoring relies upon the same Zone of Influence information gathered in Part 3, and figures are entered in Site Assessment Worksheet 3, which combines the surrounding agricultural and protected lands calculations.

(1) Use the total area of the ZOI calculated in Part 3. for the Surrounding Agricultural Land Use score.
(2) Sum the area of those parcels within the ZOI that are protected resource lands, as defined in the California Agricultural LESA Guidelines.
(3) Divide the area that is determined to be protected in Step (2) by the total acreage of the ZOI to determine the percentage of the surrounding area that is under resource protection.
(4) Determine the Surrounding Protected Resource Land Score utilizing the Surrounding Protected Resource Land Scoring Table below.

**Surrounding Protected Resource Land Scoring Table**

| Percent of ZOI Protected | Protected Resource Land Score |
|---|---|
| 90-100 | 100 |
| 80-89 | 90 |
| 75-79 | 80 |
| 70-74 | 70 |
| 65-69 | 60 |
| 60-64 | 50 |
| 55-59 | 40 |
| 50-54 | 30 |
| 45-49 | 20 |
| 40-44 | 10 |
| <40 | 0 |

(5) Enter the Protected Resource Land score in box <6> of the **Final LESA Score Sheet** on page 10-A.

*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> 61.2 | 0.25 | 15.3 |
| Storie Index | <2> 58.4 | 0.25 | 14.6 |
| *LE Subtotal* | | ***0.50*** | 29.9 |
| **SA Factors** | | | |
| Project Size | <3> 10 | 0.15 | 1.5 |
| Water Resource Availability | <4> 85 | 0.15 | 12.75 |
| Surrounding Agricultural Land | <5> 100 | 0.15 | 15 |
| Protected Resource Land | <6> 0 | 0.05 | 0 |
| *SA Subtotal* | | ***0.50*** | 29.25 |
| | | **Final LESA Score** | 59.15 |

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

***NOTES***

Site 4

## Calculation of the Land Evaluation (LE) Score

### Part 1. Land Capability Classification (LCC) Score:

(1) Determine the total acreage of the project.
(2) Determine the soil types within the project area and enter them in **Column A** of the **Land Evaluation Worksheet** provided on page 2-A.
(3) Calculate the total acres of each soil type and enter the amounts in **Column B**.
(4) Divide the acres of each soil type (**Column B**) by the total acreage to determine the proportion of each soil type present. Enter the proportion of each soil type in **Column C**.
(5) Determine the LCC for each soil type from the applicable Soil Survey and enter it in **Column D**.
(6) From the LCC Scoring Table below, determine the point rating corresponding to the LCC for each soil type and enter it in **Column E**.

LCC Scoring Table

| LCC Class | I | IIe | IIs,w | IIIe | IIIs,w | IVe | IVs,w | V | VI | VII | VIII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Points | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

(7) Multiply the proportion of each soil type (**Column C**) by the point score (**Column E**) and enter the resulting scores in **Column F**.
(8) Sum the LCC scores in **Column F**.
(9) Enter the LCC score in box <1> of the **Final LESA Score Sheet** on page 10-A.

### Part 2. Storie Index Score:

(1) Determine the Storie Index rating for each soil type and enter it in **Column G**.
(2) Multiply the proportion of each soil type (**Column C**) by the Storie Index rating (**Column G**) and enter the scores in **Column H**.
(3) Sum the Storie Index scores in **Column H** to gain the Storie Index Score.
(4) Enter the Storie Index Score in box <2> of the **Final LESA Score Sheet** on page 10-A.

## 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 |
| 1c | .11 | .601 | IIIs- | 60 | .6 | 41 | .41 |
| Ge | 1.07 | .06 | IIs- | 80 | 4.8 | 65 | 3.9 |
| Hc | 10.58 | .58 | IIs- | 80 | 46.4 | 53 | 30.74 |
| Gc | 1.91 | .11 | IIs- | 80 | 8.8 | 86 | 9.46 |
| 1e | 4.34 | .24 | IIs- | 80 | 19.2 | 90 | 21.6 |
| | | | | | | | |
| ***Totals*** | 18 | (Must Sum to 1.0) | | ***LCC Total Score*** | 79.8 | ***Storie Index Total Score*** | 66.11 |

## Site Assessment Worksheet 1.

### Project Size Score

| | I | J | K |
|---|---|---|---|
| | LCC Class I - II | LCC Class III | LCC Class IV - VIII |
| | | .11 | |
| | 1.07 | | |
| | 10.58 | | |
| | 1.91 | | |
| | 4.34 | | |
| | | | |
| ***Total Acres*** | 17.9 | .11 | |
| ***Project Size Scores*** | 30 | 0 | |

***Highest Project Size Score*** **30**

***NOTES***

## Calculation of the Site Assessment (SA) Score

### Part 1. Project Size Score:.

(1) Using **Site Assessment Worksheet 1** provided on page 2-A, enter the acreage of each soil type from **Column B** in the **Column - I, J or K** - that corresponds to the LCC for that soil. (Note: While the Project Size Score is a component of the Site Assessment calculations, the score sheet is an extension of data collected in the Land Evaluation Worksheet, and is therefore displayed beside it).
(2) Sum **Column I** to determine the total amount of class I and II soils on the project site.
(3) Sum **Column J** to determine the total amount of class III soils on the project site.
(4) Sum **Column K** to determine the total amount of class IV and lower soils on the project site.
(5) Compare the total score for each LCC group in the Project Size Scoring Table below and determine which group receives the highest score.

Project Size Scoring Table

| **Class I or II** | | **Class III** | | **Class IV or Lower** | |
|---|---|---|---|---|---|
| Acreage | Points | Acreage | Points | Acreage | Points |
| >80 | 100 | >160 | 100 | >320 | 100 |
| 60-79 | 90 | 120-159 | 90 | 240-319 | 80 |
| 40-59 | 80 | 80-119 | 80 | 160-239 | 60 |
| 20-39 | 50 | 60-79 | 70 | 100-159 | 40 |
| 10-19 | 30 | 40-59 | 60 | 40-99 | 20 |
| 10< | 0 | 20-39 | 30 | 40< | 0 |
| | | 10-19 | 10 | | |
| | | 10< | 0 | | |

(6) Enter the **Project Size Score** (the highest score from the three LCC categories) in box <3> of the **Final LESA Score Sheet** on page 10-A.

***NOTES***

## Part 2. Water Resource Availability Score:

(1) Determine the type(s) of irrigation present on the project site, including a determination of whether there is dryland agricultural activity as well.

(2) Divide the site into portions according to the type or types of irrigation or dryland cropping that is available in each portion. Enter this information in **Column B** of **Site Assessment Worksheet 2. - Water Resources Availability**.

(3) Determine the proportion of the total site represented for each portion identified, and enter this information in **Column C**.

(4) Using the Water Resources Availability Scoring Table, identify the option that is most applicable for each portion, based upon the feasibility of irrigation in drought and non-drought years, and whether physical or economic restrictions are likely to exist. Enter the applicable Water Resource Availability Score into **Column D**.

(5) Multiply the Water Resource Availability Score for each portion by the proportion of the project area it represents to determine the weighted score for each portion in **Column E**.

(6) Sum the scores for all portions to determine the project's total Water Resources Availability Score

(7) Enter the Water Resource Availability Score in box <4> of the **Final LESA Score Sheet** on page 10-A.

**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 | Irrigation Station | 1.0 | 85 | 85 |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| | | (Must Sum to 1.0) | ***Total Water Resource Score*** | 85 |

**Water Resource Availability Scoring Table**

| Option | Non-Drought Years | | | Drought Years | | | WATER RESOURCE SCORE |
|---|---|---|---|---|---|---|---|
| | RESTRICTIONS | | | RESTRICTIONS | | | |
| | Irrigated Production Feasible? | Physical Restrictions ? | Economic Restrictions ? | Irrigated Production Feasible? | Physical Restrictions ? | Economic Restrictions ? | |
| 1 | YES | NO | NO | YES | NO | NO | 100 |
| 2 | YES | NO | NO | YES | NO | YES | 95 |
| 3 | YES | NO | YES | YES | NO | YES | 90 |
| 4 | YES | NO | NO | YES | YES | NO | 85 |
| 5 | YES | NO | NO | YES | YES | YES | 80 |
| 6 | YES | YES | NO | YES | YES | NO | 75 |
| 7 | YES | YES | YES | YES | YES | YES | 65 |
| 8 | YES | NO | NO | NO | -- | -- | 50 |
| 9 | YES | NO | YES | NO | -- | -- | 45 |
| 10 | YES | YES | NO | NO | -- | -- | 35 |
| 11 | YES | YES | YES | NO | -- | -- | 30 |
| 12 | Irrigated production not feasible, but rainfall adequate for dryland production in both drought and non-drought years | | | | | | 25 |
| 13 | Irrigated production not feasible, but rainfall adequate for dryland production in non-drought years (but not in drought years) | | | | | | 20 |
| 14 | Neither irrigated nor dryland production feasible | | | | | | 0 |

***NOTES***

## Part 3. Surrounding Agricultural Land Use Score:

(1) Calculate the project's Zone of Influence (ZOI) as follows:
(a) a rectangle is drawn around the project such that the rectangle is the smallest that can completely encompass the project area.
(b) a second rectangle is then drawn which extends one quarter mile on all sides beyond the first rectangle.
(c) The ZOI includes all parcels that are contained within or are intersected by the second rectangle, less the area of the project itself.
(2) Sum the area of all parcels to determine the total acreage of the ZOI.
(3) Determine which parcels are in agricultural use and sum the areas of these parcels
(4) Divide the area in agriculture found in step (3) by the total area of the ZOI found in step (2) to determine the percent of the ZOI that is in agricultural use.
(5) Determine the Surrounding Agricultural Land Score utilizing the Surrounding Agricultural Land Scoring Table below.

**Surrounding Agricultural Land Scoring Table**

| Percent of ZOI in Agriculture | Surrounding Agricultural Land Score |
|---|---|
| 90-100 | 100 |
| 80-89 | 90 |
| 75-79 | 80 |
| 70-74 | 70 |
| 65-69 | 60 |
| 60-64 | 50 |
| 55-59 | 40 |
| 50-54 | 30 |
| 45-49 | 20 |
| 40-44 | 10 |
| <40 | 0 |

(5) Enter the Surrounding Agricultural Land Score in box <5> of the **Final LESA Score Sheet** on page 10-A.

160
18
178

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

| A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|
| **Zone of Influence** | | | | | | |
| Total Acres | 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) |
| 178 | 170 | 0 | 96 | 0 | 100 | 0 |

***NOTES***

## Part 4. Protected Resource Lands Score:

The Protected Resource Lands scoring relies upon the same Zone of Influence information gathered in Part 3, and figures are entered in Site Assessment Worksheet 3, which combines the surrounding agricultural and protected lands calculations.

(1) Use the total area of the ZOI calculated in Part 3. for the Surrounding Agricultural Land Use score.

(2) Sum the area of those parcels within the ZOI that are protected resource lands, as defined in the California Agricultural LESA Guidelines.

(3) Divide the area that is determined to be protected in Step (2) by the total acreage of the ZOI to determine the percentage of the surrounding area that is under resource protection.

(4) Determine the Surrounding Protected Resource Land Score utilizing the Surrounding Protected Resource Land Scoring Table below.

**Surrounding Protected Resource Land Scoring Table**

| Percent of ZOI Protected | Protected Resource Land Score |
|---|---|
| 90-100 | 100 |
| 80-89 | 90 |
| 75-79 | 80 |
| 70-74 | 70 |
| 65-69 | 60 |
| 60-64 | 50 |
| 55-59 | 40 |
| 50-54 | 30 |
| 45-49 | 20 |
| 40-44 | 10 |
| <40 | 0 |

(5) Enter the Protected Resource Land score in box <6> of the **Final LESA Score Sheet** on page 10-A.

*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> 79.8 | 0.25 | 19.95 |
| Storie Index | <2> 66.11 | 0.25 | 16.53 |
| *LE Subtotal* | | ***0.50*** | 36.48 |
| **SA Factors** | | | |
| Project Size | <3> 30 | 0.15 | 4.5 |
| Water Resource Availability | <4> 85 | 0.15 | 12.75 |
| Surrounding Agricultural Land | <5> 100 | 0.15 | 15 |
| Protected Resource Land | <6> 0 | 0.05 | 0 |
| *SA Subtotal* | | ***0.50*** | 32.25 |
| | | **Final LESA Score** | 68.73 |

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