

Date: October 5, 2024  
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To: Kevin Beery, Senior Planner, City of Redlands  
Subject: **Land Evaluation and Site Assessment for the Redlands RHNA Rezone Project**

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## 1. Executive Finding

EPD Solutions Inc., (EPD) evaluated the agricultural value of the property proposed for rezoning by the Redlands RHNA Rezone Project (Project). The analysis is based on the California Agricultural Land Evaluation and Site Assessment (LESA) model and concludes that the conversion of the Project site's agricultural land, as allowed by the proposed Project, to potential residential uses would result in a significant loss of Farmland.

## 2. Introduction

According to Public Resources Code (PRC) § 21060.1, "agricultural land" is prime farmland, farmland of statewide importance, or unique farmland, as defined by the U.S. Department of Agriculture land inventory and monitoring criteria. In California, the LESA model is the primary approach for rating the relative quality of agricultural land resources based upon specific measurable features. The LESA model is intended to provide a methodology to ensure that significant effects on the environment of agricultural land conversions are quantitatively and consistently considered in the environmental review process (PRC § 21095). It is also intended to provide lead agencies under the California Environmental Quality Act (CEQA) with a process to determine the significance of converting agricultural properties to urban land uses.

## 3. Project Overview

### *Environmental Setting and Location*

The Project site consists of 23 sites from the City of Redlands Housing Element sites inventory totaling approximately 109.25 acres that were identified as requiring future rezone (rezone sites). The sites to be rezoned (including Site 24, collectively the "Project site", "sites"), encompasses approximately 116.19 acres. Site 24 is not identified in the Housing Element but is proposed for rezoning as part of the Project in order to conform with the existing onsite school use and achieve land use compatibility with the surrounding proposed residential designations. The 24 sites are broken up into two distinct areas.

- Sites 1 through 16A and 24 are in the western portion of the City, approximately 0.75 miles south of the I-10, bordered to the north by Citrus Avenue, the south by Orange Avenue, the west by New Jersey Street, and the east by Kansas Street. These sites are within the East Valley Corridor Specific Plan (EVCSP) which aims to strengthen the local economy, attract major businesses, and result in the orderly and aesthetic development of industrial, commercial, and residential areas.
- Sites 17 through 23 are centrally located in the City, approximately 1.25 miles northeast of Sites 1 through 16A and 0.32 miles east of SR-210, south of San Bernardino Avenue. The sites are located in North Redlands north of I-10 and Downtown Redlands.

The California Department of Conservation Farmland Mapping and Monitoring Program designates 44.67 acres of the site as Prime Farmland as shown on Figure 2, *Farmland Locations*. For the purpose of this report, only Sites 1, 3, 8, 9, 10, 13, 14, 15, 15A, and 24 (50.13 acres) will be analyzed as they are the only parcels with Farmland present.

All of the sites are relatively flat and are utilized for farming activities with some single-family residences present, with the exception of Site 24 which has a school onsite. All of the parcels are currently zoned as Commercial/Industrial within the East Valley Corridor Specific Plan and have a General Plan land use designation of Commercial/Industrial. Surrounding land uses consist of industrial land uses to the north, Heritage Park and residential development to the south, vacant land and residences to the west, and schools residences to the east.

**Project Description for Proposed Project**

The City of Redlands is proposing to rezone 24 sites within the City to allow residential development, which includes an application for a General Plan Amendment (GPA) to change the land use designations of the sites to allow for residential development, a Specific Plan Amendment (SPA) in order to remove 15 of the Rezone Sites out of the EVCSP, and a zone change to allow for medium and high-density residential development within the rezone sites.

The Housing Element identifies the Rezone Sites as having a capacity of up to 2,435 housing units and assumes that implementation of residential development within the Project Sites would occur through the year 2035.

Future development based on the Project could result in the conversion of approximately 44.67 acres of Prime Farmland to non-agricultural use on Rezone Sites 1, 3, 8, 9, 10, 13, 14, 15, 15A, and 24 i.e., the focus of this technical memorandum.

**4. California LESA Model Evaluation**

The below evaluation mirrors the steps outlined in the California Agricultural Land Evaluation and Site Assessment Model Instruction Manual. The tables below are those provided in Appendix A of the LESA Instruction Manual, included as Attachment A to this memorandum.

**4a. Land Evaluation Factors**

The Land Evaluation portion of the LESA Model considers two features that are separately rated:

- **The Land Capability Classification (LCC) Rating:** The LCC indicates the suitability of soils for most kinds of crops. Soils are rated on a scale from Class I to Class VIII. Soils having the fewest limitations receive the highest rating.
- **The Storie Index Rating:** The Storie Index provides a numeric rating (based on a 100-point scale) of the relative degree of suitability or value of a given soil for intensive agriculture use. The rating is based on four soil characteristics: degree of soil profile development, surface texture, slope, and other soil and landscape conditions including drainage, alkalinity, nutrient level, acidity, erosion, and microrelief.

Table A details the LCC and Storie Index rating for the only soil present on the Rezone Sites designated as Prime Farmland. As shown in Figure 3, *Onsite Soils*, the 50.13 acres of within the Rezone Sites are comprised entirely of Hanford coarse sandy loam (2 to 9 percent slopes)

**Table A. Land Capability Classification (LCC) and Storie Index Scores**

A	B	C	D	E	F	G	H
Soil Type	Project Acres	Portion of Project Area	LCC <sup>1</sup>	LCC Rating <sup>2</sup>	LCC Score (C x E)	Storie Index <sup>3</sup>	Storie Index Score (C x G)
Hanford coarse sandy loam (2 to 9 percent slopes) (HaC)	50.13	1.0	Ile	90	90	73	73

<b>Total:</b>	50.13	1.0	<b>LCC Total Score:</b>	90	<b>Storie Index Total Score:</b>	73
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1. United States Department of Natural Resources Conservation Service. Agriculture, Custom Soil Resource Report for Western Riverside Area, California. March 19, 2024.
2. California Agricultural Land Evaluation and Site Assessment Model. Table 2. Numeric Conversion of Land Capability Classification Units
3. <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

#### 4b. Site Assessment Factors

The LESA Model includes four Site Assessment factors that are separately rated and are as follow:

- Project Size Rating
- Water Resources Availability Rating
- Surrounding Agricultural Land Rating
- Surrounding Protected Resource Land Rating

##### **Project Size Rating**

Project Size Rating recognizes the role that farm size plays in the viability of commercial agricultural operations. In general, larger farming operations can provide greater flexibility in farm management and marketing decisions and tend to have greater impacts upon the local economy through direct employment (California Department of Conservation, 1997).

In terms of agricultural productivity, the size of the farming operation can be considered not just from its total acreage, but the acreage of different quality lands that comprise the operation. Lands with higher quality soils lend themselves to greater diversity in crop selection and the potential for greater economic return per acre unit. The Project Size rating is determined by summing the acres in a project that fall within one of three consolidated LCC categories. The Rezone Sites contain 50.13 acres of LCC Class I-II soils. Based on LESA Instruction Manual Table 3, which states that the highest score generated across all the columns becomes the overall Project Size score, a Project Size score of 80 is applicable to the site.

**Table B. Project Size Score**

	<b>I</b>	<b>J</b>	<b>K</b>
	<b>LCC Class I-II</b>	<b>LCC Class III</b>	<b>LCC Class IV-VIII</b>
Hanford coarse sandy loam (2 to 9 percent slopes) (HaC)	50.13	0	0
<b>Total</b>	50.13	0	0
<b>Project Size Scores</b>	80	0	0
<b>Highest Project Size Score<sup>1</sup></b>	<b>80</b>		

1. Project Size Score was determined from the Project Size Scoring Table from the LESA Instruction Manual (California Department of Conservation 1997)

##### **Water Resources Availability Rating**

The Water Resources Availability Rating is based on the water sources that supply the agricultural site and then determining whether different restrictions in supply would take place in years characterized as being periods of drought and non-drought. The agriculture sites are irrigated with water purveyed by the City of Redlands via waterlines under the adjacent roads. According to the Redlands Urban Water Management Plan (UWMP), the City of Redlands estimates that it will have sufficient water supplies to accommodate the planned uses of its service area through 2035 both in historic single-dry years and multiple-dry years.

Therefore, during non-drought years, it is unlikely that there would be physical or economic restrictions with water availability at the site. During drought years, while it is unlikely there would be a physical barrier to water access, it is possible that the cost of water could increase and/or restrictions could be set in place for conservation purposes. Consequently, based on the scoring criteria provided in the LESA Manual, Table 5, Water Resource Availability Scoring, the site receives a water resource score of 95 of 100 points (Table C).

**Table C. Water Resources Availability**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Project Proportion</b>	<b>Water Source</b>	<b>Proportion of Project Area</b>	<b>Water Availability Score<sup>1</sup></b>	<b>Weighted Availability Score (C X D)</b>
1	Irrigation	1.0	95	95
<b>Total Water Resource Score<sup>1</sup>:</b>				<b>95</b>

1. Water Resources Score was determined from the Water Resources Availability Scoring Table from the LESA Instruction Manual (California Department of Conservation 1997)

### **Surrounding Agricultural Land Rating**

The Surrounding Agricultural Land Rating factor evaluates the possibility that surrounding agricultural land use is likely to influence and be influenced by the Project’s agricultural land. It identifies the level of agricultural land use within a one-quarter mile radius, zone of influence (ZOI) of the Project site. Parcels that are intersected by the 0.25-mile buffer are included in their entirety. Based upon the percentage of agricultural land in the ZOI, the Project site is assigned a “surrounding agricultural land score.” The LESA Model rates the potential significance of the conversion of an agricultural parcel that has a large proportion of surrounding land in agricultural production more highly than one that has a relatively small percentage of surrounding land in agricultural production (California Department of Conservation, 1997).

Figure 5, *Zone of Influence Surrounding Agricultural Land*, shows the area one-quarter mile from the site with areas in agricultural production highlighted: 126 acres of Prime Farmland. As shown on Figure 6, only about 21.69 acres designated as Prime Farmland are currently in agricultural production. Table D summarizes the findings for the Project’s Surrounding Agricultural Land Rating evaluation.

### **Surrounding Protected Resource Land Rating**

The Surrounding Protected Resource Land Rating is an extension of the Surrounding Agricultural Land Rating and is scored in a similar manner. Protected resource lands are those lands with long-term use restrictions that are compatible with or supportive of agricultural uses of land. Included among them are the following:

- Williamson Act contracted land
- Publicly owned lands maintained as park, forest, or watershed resources
- Lands with agricultural, wildlife habitat, open space, or other natural resource easements that restrict the conversion of such land to urban or industrial uses.

As shown in Figure 4, *Zone of Influence*, there are a total of 433.70 acres within the Project’s zone of influence. Of those 433.70 acres, there are currently 21.69 acres of land being used for agricultural production. As such, the Project’s agricultural land zone of influence contains a total of 21.69 acres that are both currently being used for agricultural production and that are classified as Prime Farmland, which are located north, northwest, and south of the Rezone Sites.

Further, there are 16.28 acres of total protected resource land in the zone of influence (433.70 acres). Protected resource land in the zone of influence is comprised of the Zanja Channel which falls under the

federal jurisdiction of the U.S. Army Core of Engineers as waters of the US and is subject to the federal Clean Water Act.

Based on the Department of Conservation's LESA Instruction Manual, a project with a percent less than 40 within the zone of influence in agricultural use is given a score of 0. Further, a project with a percentage below 40 within the zone of influence that is protected is given a score of 0. Therefore, the Project would have a surrounding agricultural land score of 0 and a surrounding protected resource land score of 0.

**Table D. Surrounding Agricultural and Protected Resources Land**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
<b>Zone of Influence</b>					<b>Surrounding Agricultural Land Score<sup>1</sup></b>	<b>Surrounding Protected Resource Land Score<sup>1</sup></b>
<b>Total Acres</b>	<b>Acres in Agriculture</b>	<b>Acres of Protected Resource Land</b>	<b>Percent in Agriculture (B/A)</b>	<b>Percent Protected Resource Land (C/A)</b>		
433.70	21.69	16.28	5.05%	3.79%	0	0

1. The Surrounding Agricultural and Protected Resources Land Score was determined using the Surrounding Agricultural Land Rating Scoring Table and Surrounding Protected Resource Land Rating from the LESA Instruction Manual (California Department of Conservation 1997)

## 5. Weighting of Factors and Final LESA Scoring

The final project scoring is based on a scale of 100 points, with a given project being capable of deriving a maximum of 50 points from the Land Evaluation factors and 50 points from the Site Assessment factors. Scoring thresholds are based upon the total LESA score as well as the component Land Evaluation and Site Assessment subscores. Table E shows the Final LESA score of the Project's agriculture sites.

**Table E. Final LESA Score Sheet**

	Factor Scores	Factor Weight	Weighted Factor Scores
<b>Land Evaluation Factors</b>			
Land Capability Classification	90	0.25	22.5
Storie Index Rating	73	0.25	18.25
Land Evaluation Subtotal			40.75
<b>Site Assessment Factors</b>			
Project Size	80	0.15	12
Water Resource Availability	95	0.15	14.25
Surrounding Agricultural Land	0	0.15	0
Protected Resource Land	0	0.05	0
Site Assessment Subtotal			26.25
<b>Final LESA Score</b>			<b>67.0</b>

**Table F. LESA Model Significance Determination**

Total LESA Score	Scoring Decision
0-39 Points	Not considered significant
40-59 Points	Considered significant <i>only</i> if LE <i>and</i> SA subscores are each <i>greater</i> than or equal to 20 points
60-70 Points	Considered significant <i>unless</i> either LE <i>or</i> SA subscore is <i>less</i> than 20 points
80-100 Points	Considered significant

Table F provides the LESA Model Significance thresholds. Sites receiving a total LESA score between 60 and 70 points are considered significant *unless* either the Land Evaluation or Site Assessment weighted factor subscores are less than 20 points. As identified in Table E, both the Land Evaluation and Site Assessment subscores exceed 20 points. Therefore, pursuant to the LESA model, the potential conversion of the sites from agriculture to non-agricultural uses would be considered significant.

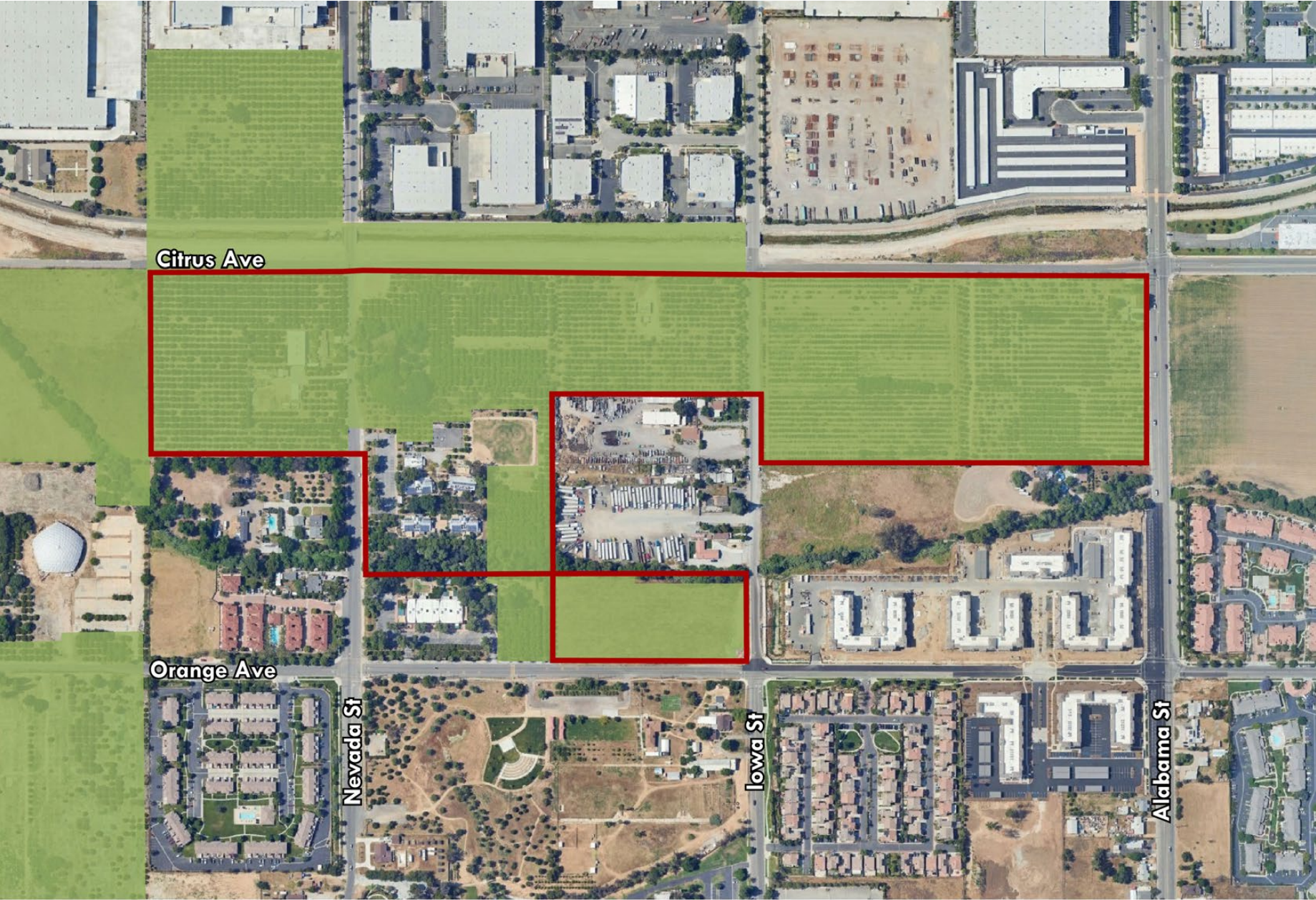
# Project Site



 Project Site



# Farmland Classifications

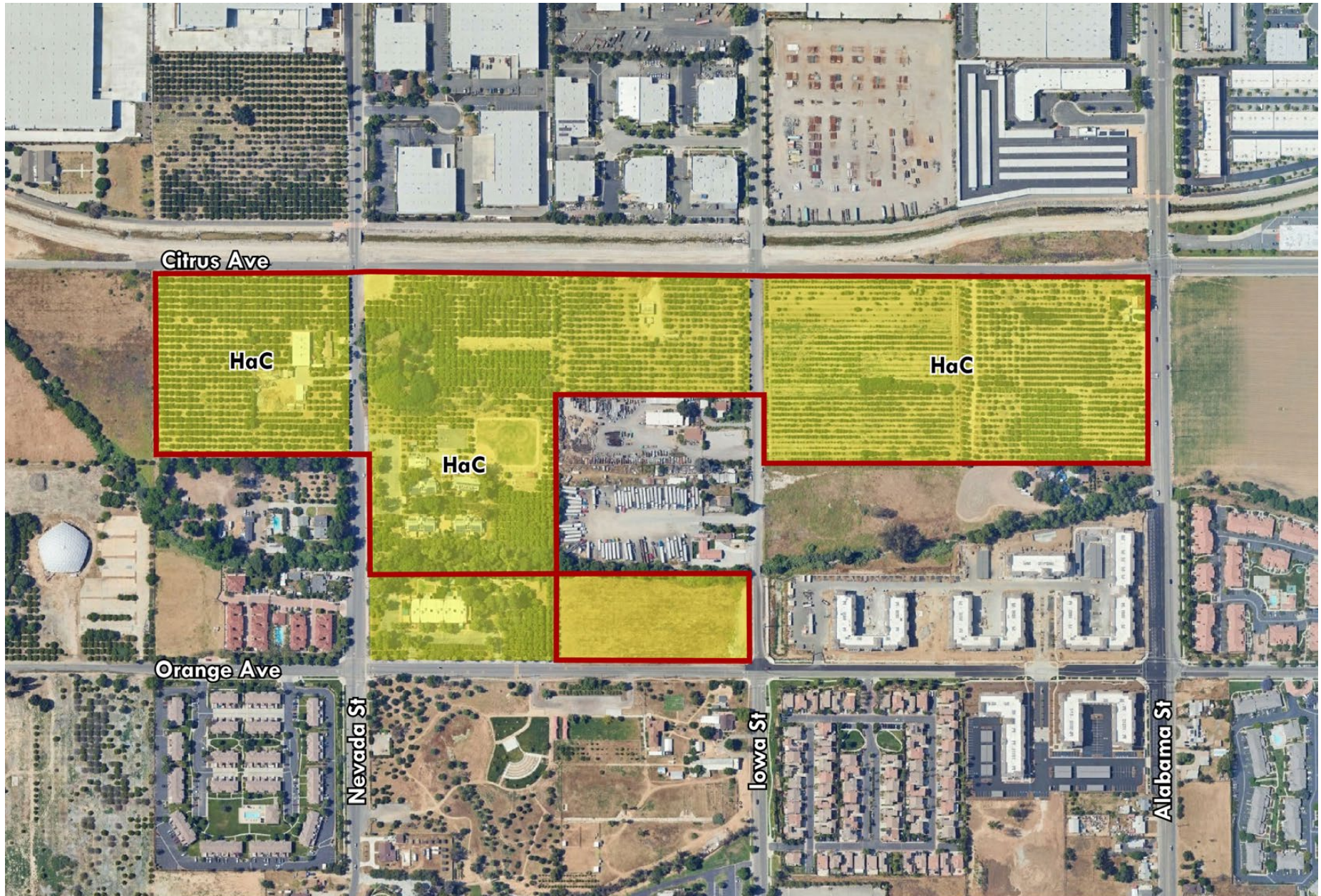


 Project Site     Prime Farmland





# Onsite Soils



 Project Site     HaC Hanford Coarse Sandy Loam, 2 to 9% Slopes



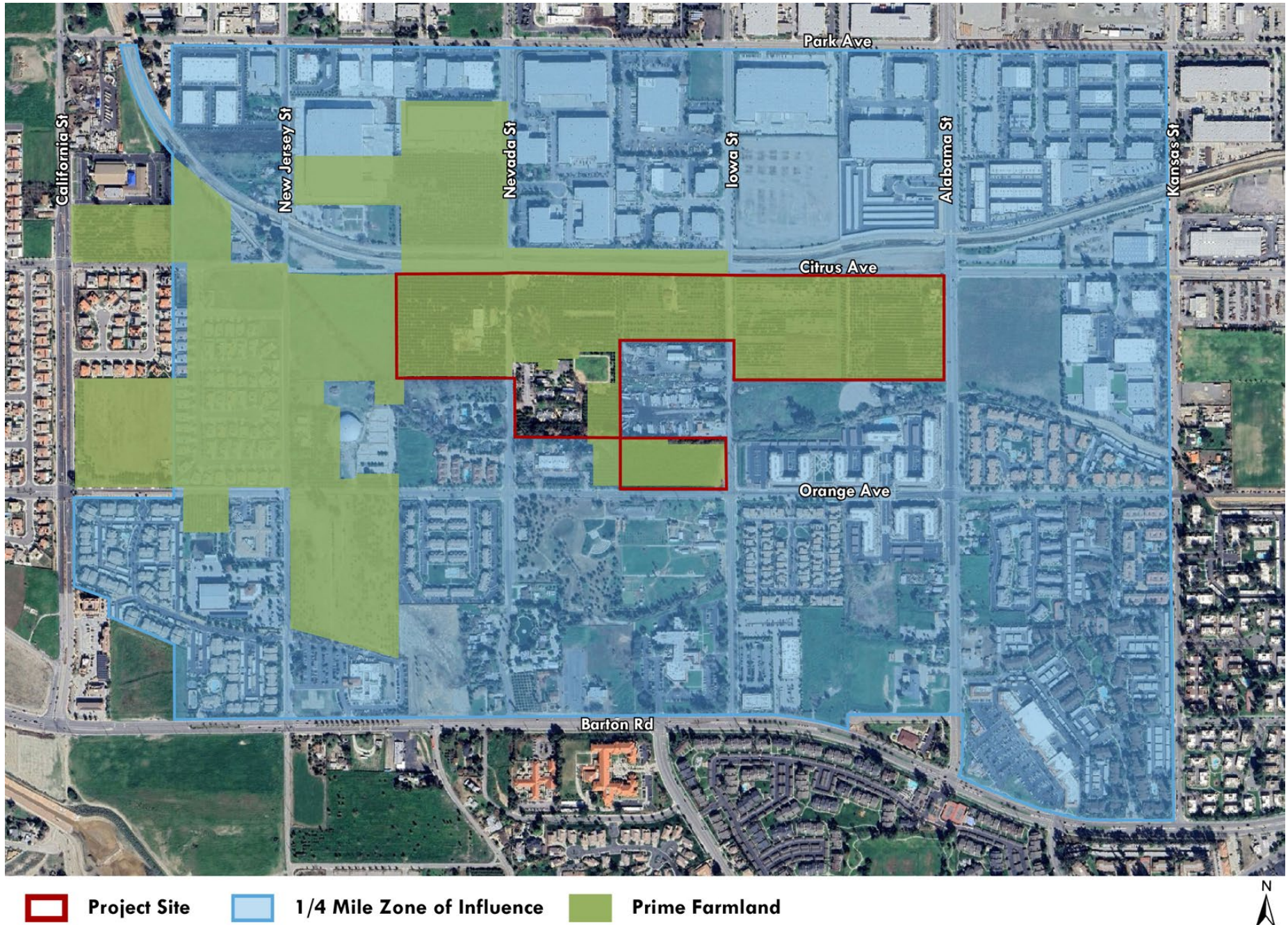
# Project Zone of Influence



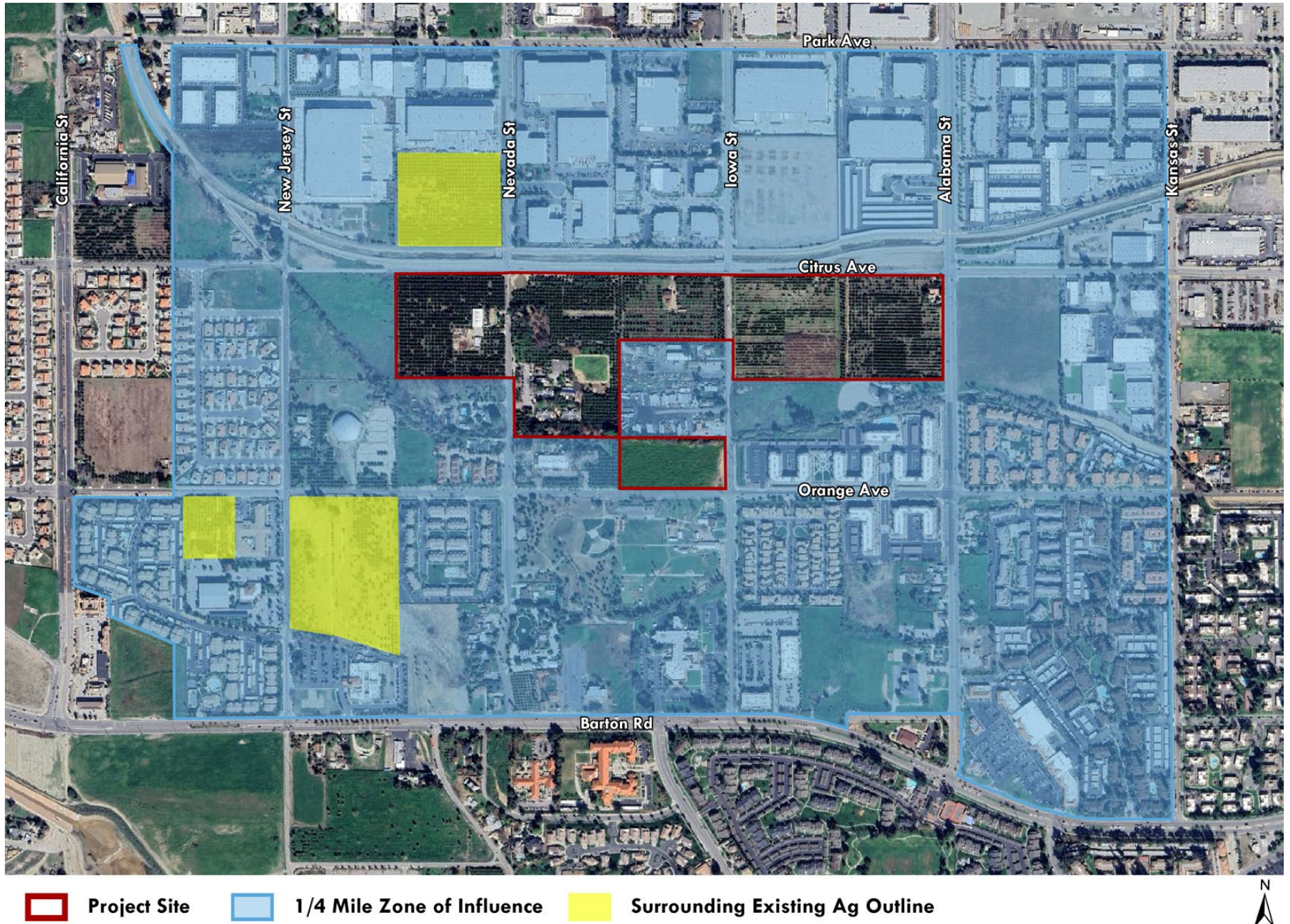
 Project Site     1/4 Mile Zone of Influence



# Project Zone of Influence Surrounding Agricultural Land



# Project Zone of Influence Surrounding Agricultural Operations



## 6. References

California Department of Conservation (DOC). California Important Farmland Finder. 2022. Accessed from: <https://maps.conservation.ca.gov/DLRP/CIFF/>

California Department of Conservation (DOC). Office of Land Conservation. California Agricultural Land Evaluation and Site Assessment Model, Instruction Manual. 1997. Accessed from: [https://www.conservation.ca.gov/dlrp/Pages/qh\\_lesa.aspx](https://www.conservation.ca.gov/dlrp/Pages/qh_lesa.aspx)

City of Redlands, 2020 Retail Urban Water Management Plan 2020. Accessed: [https://www.cityofredlands.org/sites/main/files/file-attachments/part\\_2\\_chapter\\_4\\_redlands\\_2020\\_uwmp.pdf?1622145365](https://www.cityofredlands.org/sites/main/files/file-attachments/part_2_chapter_4_redlands_2020_uwmp.pdf?1622145365)

U.S. Department of Agriculture. Natural Resources Conservation Service (NRCS). Web Soil Survey. Accessed from: <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

**Attachment A. California Agricultural Land Evaluation and  
Site Assessment Model Instructions Manual**

**Appendix A. California Agricultural LESA Worksheets**

**NOTES**

**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	Ile	Ils,w	IIle	IIls,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
<b>Totals</b>		(Must Sum to 1.0)		<b>LCC Total Score</b>		<b>Storie Index Total Score</b>	

**Site Assessment Worksheet 1.**

**Project Size Score**

	I	J	K
	LCC Class I - II	LCC Class III	LCC Class IV - VIII
<b>Total Acres</b>			
<b>Project Size Scores</b>			
<b>Highest Project Size Score</b>	<div style="border: 2px solid black; width: 80px; height: 40px; margin: 0 auto;"></div>		



**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**

<b>Class I or II</b>		<b>Class III</b>		<b>Class IV or Lower</b>	
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 Project Portion	B Water Source	C Proportion of Project Area	D Water Availability Score	E Weighted Availability Score (C x D)
1				
2				
3				
4				
5				
6				
		(Must Sum to 1.0)	<b>Total Water Resource Score</b>	

**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
<b>Zone of Influence</b>						
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)

**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.

**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.

	<b>Factor Scores</b>	<b>Factor Weight</b>	<b>Weighted Factor Scores</b>
<b>LE Factors</b>			
Land Capability Classification	<1>	0.25	
Storie Index	<2>	0.25	
<i>LE Subtotal</i>		<b>0.50</b>	
<b>SA Factors</b>			
Project Size	<3>	0.15	
Water Resource Availability	<4>	0.15	
Surrounding Agricultural Land	<5>	0.15	
Protected Resource Land	<6>	0.05	
<i>SA Subtotal</i>		<b>0.50</b>	
<b>Final LESA Score</b>			

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