



June 22, 2010

DOCKET
08-AFC-13

Mr. Christopher Meyer
CEC Project Manager
Attn: Docket No. 08-AFC-13
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Mr. Jim Stobaugh
BLM Project Manager
Attn: Docket No. 08-AFC-13
Bureau of Land Management
P.O. Box 12000
Reno, NV 89520

DATE	JUN 22 2010
RECD.	JUN 22 2010

RE: Calico Solar (formerly Solar One) Project (08-AFC-13)
Applicant's Submittal of the Distribution of Microphyllus Shrub Species

Dear Mr. Meyer and Mr. Stobaugh,

Tessera Solar hereby submits the Applicant's information regarding the distribution of microphyllus shrub species on Calico Solar Site. I certify under penalty of perjury that the foregoing is true, correct, and complete to the best of my knowledge.

Sincerely,

Felicia L. Bellows
Vice President of Development

Date: June 22, 2010

To: Chris Huntley and Scott White

From: Patrick Mock, PhD,
URS Principal Scientist

Subject: **Distribution of Microphyllus Species on Calico Solar Site**

Per your request, URS documented the distribution of microphyllus shrub species detected during the burrowing owl and botanical surveys of the site in spring 2010. Biologists recorded the location of cat-claw acacia (*Acacia greggii*), mesquite (*Prosopis glandulosa*), and smoke tree (*Psoralea arguta*) using consumer grade GPS units. Most recorded locations represented single individuals, but when shrubs occurred in clusters, the number of individuals counted for a cluster point location was recorded (see attached figure).

Results

The majority of microphyllus shrub species locations occur in the northeast quadrant of the survey area and most of this area has recently been excluded from the project. The inventory within the current project limits is listed below:

- 132 cat-claw points -- 290 individuals
- 22 smoke tree points -- 24 trees
- 1 mesquite point -- 1 individual

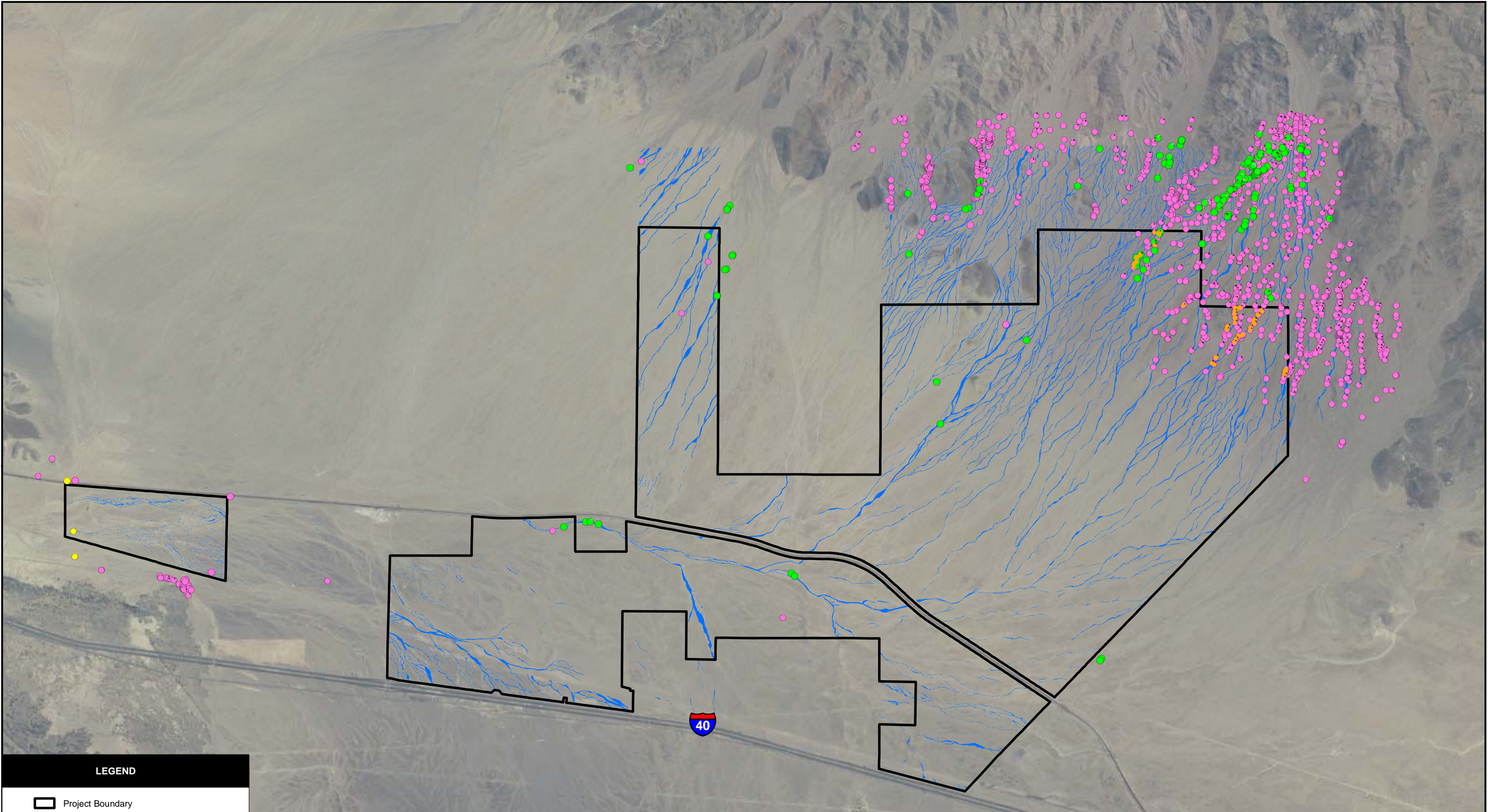
Total acreage within cluster polygons is 3.3 acres. These clusters occur in the northeast quadrant of the site.

Attachment:







Figure 1. Microphyllus Species Distribution on Calico Solar Site

cc: A. Leiba, URS
F. Bellows, TSNA

Path: G:\gis\projects\1577\27658100\mxd\Bio\Botany\microphyllus_analysis.mxd, 06/16/10, camille_jill



LEGEND

-  Project Boundary
-  State Waters
-  Clustered Microphyllus Spp. (3.3 acres)
- Microphyllus Populations**
-  cat-claw acacia
-  mesquite
-  smoke tree



SOURCES: ESRI (roads);
Mortenson (project boundary June 2010);
NAIP (USDA aerial 2005); URS
(sensitive species, 2008/2009/2010 surveys).

**MICROPHYLLUS SPECIES
CALICO SOLAR**



1500 0 1500 3000 Feet
SCALE: 1" = 3,000' (1:36,000)
SCALE CORRECT WHEN PRINTED AT 11X17

CREATED BY: CL

DATE: 06-16-10

FIG. NO:

PM: AL

PROJ. NO: 27658189.20001

1



BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION
For the CALICO SOLAR (Formerly SES Solar One)

Docket No. 08-AFC-13

PROOF OF SERVICE

(Revised 6/14/10)

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DECLARATION OF SERVICE

I, Jennifer Draper, declare that on June 22, 2010, I served and filed copies of the attached Applicant's submittal of the Distribution of Microphyllus Shrub Species. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: [www.energy.ca.gov/sitingcases/solarone].

The documents have been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(Check all that Apply)

FOR SERVICE TO ALL OTHER PARTIES:

- sent electronically to all email addresses on the Proof of Service list;
 by personal delivery;
 by delivering on this date, for mailing with the United States Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses **NOT** marked "email preferred."

AND

FOR FILING WITH THE ENERGY COMMISSION:

- sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (*preferred method*);

OR

- depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION

Attn: Docket No. 08-AFC-13
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

Original Signed By
Jennifer Draper