



TETRA TECH EC, INC.

California Energy Commission

DOCKETED

11-AFC-03

TN # 68518

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November 14, 2012

Eric Solorio, Project Manager
California Energy Commission
Docket No. 11-AFC-3
1516 9th St.
Sacramento, CA 95814

Cogentrix Quail Brush Generation Project - Docket Number 11-AFC-3, Applicant Slides from the CEC October 3, 2012 Workshop

Docket Clerk:

Pursuant to the provisions of Title 20, California Code of Regulations, and on behalf of Quail Brush Genco, LLC, a wholly owned subsidiary of Cogentrix Energy, LLC, Tetra Tech hereby submits the Applicant Slides from the CEC October 3, 2012 Workshop (11-AFC-3). The Quail Brush Generation Project is a 100 megawatt natural gas fired electric generation peaking facility to be located in the City of San Diego, California.

If you have any questions regarding this submittal, please contact Rick Neff at (704) 525-3800 or me at (303) 980-3653.

Sincerely,

A handwritten signature in blue ink that reads "Constance E. Farmer".

Constance E. Farmer
Project Manager/Tetra Tech

cc: Lori Ziebart, Cogentrix
John Collins, Cogentrix
Rick Neff, Cogentrix
Proof of Service List

TETRA TECH EC, INC.



**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
QUAIL BRUSH GENERATION PROJECT***

**DOCKET NO. 11-AFC-03
PROOF OF SERVICE
(Revised 10/29/2012)**

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DECLARATION OF SERVICE

I, Constance Farmer, declare that on November 14, 2012, I served and filed copies of the attached Applicant Slides from the CEC October 3, 2012 Workshop, dated October 3, 2012. This document is accompanied by the most recent Proof of Service list, located on the web page for this project at: <http://www.energy.ca.gov/sitingcases/quailbrush/index.html>.

The document has been sent to the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit or Chief Counsel, as appropriate, in the following manner:

(Check all that Apply)

For service to all other parties:

- Served electronically to all e-mail addresses on the Proof of Service list;
- Served by delivering on this date, either personally, or for mailing with the U.S. 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 marked **"hard copy required"** or where no e-mail address is provided.

AND

For filing with the Docket Unit at the Energy Commission:

- by sending an electronic copy to the e-mail address below (preferred method); **OR**
- by depositing an original and 12 paper copies in the mail with the U.S. Postal Service with first class postage thereon fully prepaid, as follows:

CALIFORNIA ENERGY COMMISSION – DOCKET UNIT
Attn: Docket No. 11-AFC-03
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.ca.gov

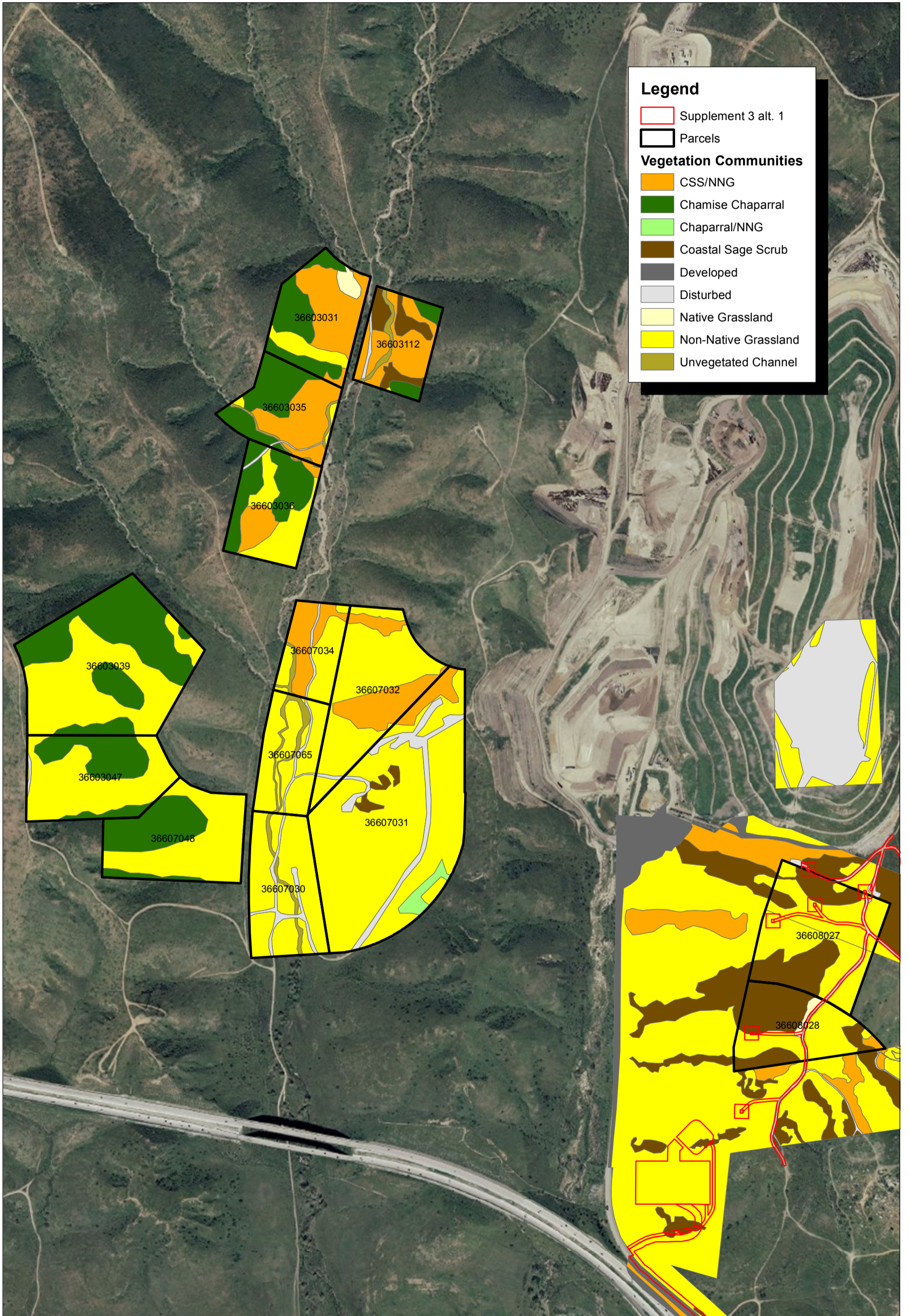
OR, if filing a Petition for Reconsideration of Decision or Order pursuant to Title 20, § 1720:

- Served by delivering on this date one electronic copy by e-mail, and an original paper copy to the Chief Counsel at the following address, either personally, or for mailing with the U.S. Postal Service with first class postage thereon fully prepaid:

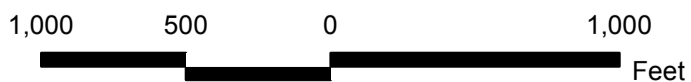
California Energy Commission
Michael J. Levy, Chief Counsel
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I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, that I am employed in the county where this mailing occurred proceeding.





Source: ESRI Basemap-Aerial Photograph 2011. MBA veg-communities 2012



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Exhibit 1 Mitigation Parcel Vegetation Communities

TETRA TECH • QUAIL BRUSH
VEG-MAP_Mitigation_Parcel

Table 1: Vegetation Communities within Potential Mitigation Parcels

Habitat / Vegetation Community	36603031	36603035	36603036	36603039	36603047	36603112	36607030	36607031	36607032	36607034	36607048	36607065	36608027	36608028
Diegan Coastal Sage Scrub	0	0	0	0	0	2.16	0	0.72	4.43	0	0	0	5.49	5.43
Diegan Coastal Sage Scrub/non-native grassland	5.22	4.68	1.81	0	0	4.44	0	1.31	0	2.99	0	0	0	0.21
Disturbed Habitat	0	0	0.21	0	0.14	0.24	1.12	3.16	0.11	0.25	0	0.36	0.75	0.12
Granitic Chamise Chaparral	4.14	4.6	4.75	13.01	5.02	1.07	0	0	0	0	5.71	0	0	0
Granitic Chamise Chaparral/non-Native Grassland	0	0	0	0	0	0	0	1.00	0	0	0	0	0	0
Native Grassland	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0.38
Non-native Grassland	1.48	0.33	3.81	13.20	9.26	0.25	10.50	29.94	11.50	3.36	8.54	7.39	67.86	4.66
Non-Vegetated Channel	0.3	0.44	0.05	0	0	0.56	0.65	0	0	0.30	0	0.94	0	0
Total	11.75	10.05	10.63	26.21	14.42	8.72	12.27	36.13	16.04	6.90	14.25	8.69	74.10	10.80

36603031	Schafer Surviving Spouses Trust Property
36603035	Johnston Property
36603036	Tierra Property
36603039	Barcarse Property
36603047	Selna & Mongini Property
36603112	Ramsey Property
36607030	Keystone Property
36607031	M & A Gabaee Property
36607032	M & A Gabaee Property
36607034	Kashiwagi Property
36607048	Strand Property
36607065	Zarour Property
36608027	Fowler Property
36608028	Horning Property

**Table 10: Habitat Types/Vegetation Communities and Mitigation Acreage Calculations
(Based on Supplement 3.1 Design)**

Habitat / Vegetation Community	Permanent Impacts	Temporary Impacts	Total Impacts	Mitigation Ratio	Mitigation Acreage
Diegan Coastal Sage Scrub	0.41	2.55	2.96	1:1	2.96
Diegan Coastal Sage Scrub/non-native grassland	0	0.03	0.03	1:1	0.03
Disturbed Habitat	0.97	1.40	2.37	0	0
Granitic Chamise Chaparral	0.00	0	0	1:1	0
Granitic Chamise Chaparral/non-native grassland	0.00	0	0	1:1	0
Native Grassland	0.06	0	0.06	2:1	0.12
Non-Native Grassland	6.80	21.81	28.61	1:1	28.61
Non-Vegetated Channel	0.00	0	0	2:1	0
Urban/Developed	0.00	0.00	0	0:1	0
Total	8.24	25.79	34.03		31.72