BLUE CONSULTING GROUP



BIOLOGY - LAND USE & - ENTITLEMENTS

April 16, 2013

Susie Tharratt U.S. Fish and Wildlife Office 6010 Hidden Valley Road Suite 101 Carlsbad, CA 92009

> Subject: Results (Positive) of focused coastal California gnatcatcher surveys on an approximately 27.4 acre site in San Diego County, California

Ms. Tharratt,

Due to the presence of appropriate habitat, including an area of Critical California gnatcatcher habitat, protocol surveys for the coastal California gnatcatcher (Polioptila californica californica) were completed on the approximately 27.4 acre property(s) located at the terminus of Tyler St. in the City of Santee, County of San Diego. The site is located just south of Mesa Heights Road, approximately 2000 feet south of the 52 Freeway and approximately 2000 feet west of the 125 Freeway, on the La Mesa USGS 7.5 minute quadrangle. BLUE Consulting Group hired biologist Erik LaCoste (TE 027736-5) to complete the protocol surveys. The purpose of the protocol surveys was to determine the status of coastal California gnatcatchers (CAGN) on the Property. This report describes the methods, results, and conclusions of the completed protocol surveys.

Site Location and Description

The property is approximately 27.4 acres and is located in the City of Santee, San Diego County. Primary access to the property is at the terminus of Tyler Street which dead-ends at the subject properties northern property line (Figures 1-3).

The site is dominated by a ridgeline running east-west with south facing slopes in the southern portion of the property, north facing slopes in the center of the property and a gradually sloping/flat area in the northern portion. The northern, flat and disturbed portion of the property appears to have been previously utilized as an agricultural area. There is an ephemeral drainage channel supporting riparian habitat running along the eastern and northern property line.

During the biological surveys, a total of six vegetation communities were mapped on-site: Diegan coastal sage scrub, mixed chaparral, riparian scrub, jurisdictional unvegetated ephemeral drainage, disturbed habitat, and non-native grasslands. Table 1 summarizes the acreage of each land cover type and Figure 4 depicts their location.

Onsite, the coastal sage scrub habitat community which is generally located on the south facing slopes, are within the designated U.S. Fish and Wildlife Service (USFWS) Critical Habitat area for the California gnatcatcher.

TABLE 1
PLANT COMMUNITIES

| TEANT COMMONTINES | | | | | | |
|------------------------------------|------|-------------|--|--|--|--|
| Plant Community | Tier | Acres | | | | |
| Diegan coastal sage scrub | Ш | 6.36 | | | | |
| Chaparral | 111 | 8.89 | | | | |
| Riparian Scrub | 1 | 0.24 | | | | |
| Jurisdictional Unvegetated Channel | 1 * | 120 sq. ft. | | | | |
| Non-Native Grasslands | Ш | 9.94 | | | | |
| Disturbed habitat | IV | 1.97 | | | | |
| TOTAL | | 27.40 | | | | |

Erik LaCoste (TE 027736-5), who is permitted by the U.S. Fish and Wildlife Service (USFWS) to conduct surveys for the coastal California gnatcatcher, conducted the 2013 monitoring surveys on the property. Mr. LaCoste conducted three protocol surveys, according to the USFWS gnatcatcher survey protocol (Table 2).

TABLE 2
SURVEY DETAILS

| Date | Survey Type | Time | Conditions | Biologists |
|---------|-------------|-----------|--------------------------------|------------|
| | | | Temp (ºF), Wind (mph) begin | |
| | | | and end, Sky | |
| 3-14-31 | CAGN | 0830-0930 | 52-68,1-2, clear | EL* |
| 3-21-31 | CAGN | 0830-1000 | 61-65,0-2, 30% haze - clear | EL |
| 3-28-13 | CAGN | 0815-0945 | 55-69,0-3, 25% haze - 25% haze | EL |

^{*}EL = Erik LaCoste

All areas supporting coastal sage scrub on site, as well as within appropriate habitat and around the property (offsite) extending approximately 200 feet were carefully searched for the presence or absence of coastal California gnatcatchers.

Survey Results and Conclusions

Onsite, the same pair (2) of gnatcatchers was observed on the ridgeline and on the south facing slope during all three surveys (Figure 5). In addition to the gnatcatcher pair, a cactus wren (Campylorhynchus brunneicapillus) pair was observed on the south facing slope (on all three surveys) and Southern California rufous-crowned sparrow (Aimophila ruficeps canescens) were observed on the first and second surveys on the ridgeline area.

I certify that the information in this survey report and attached exhibits fully and accurately represents my work.



Date

Should you have any questions or concerns regarding this survey, please do not hesitate to contact me.

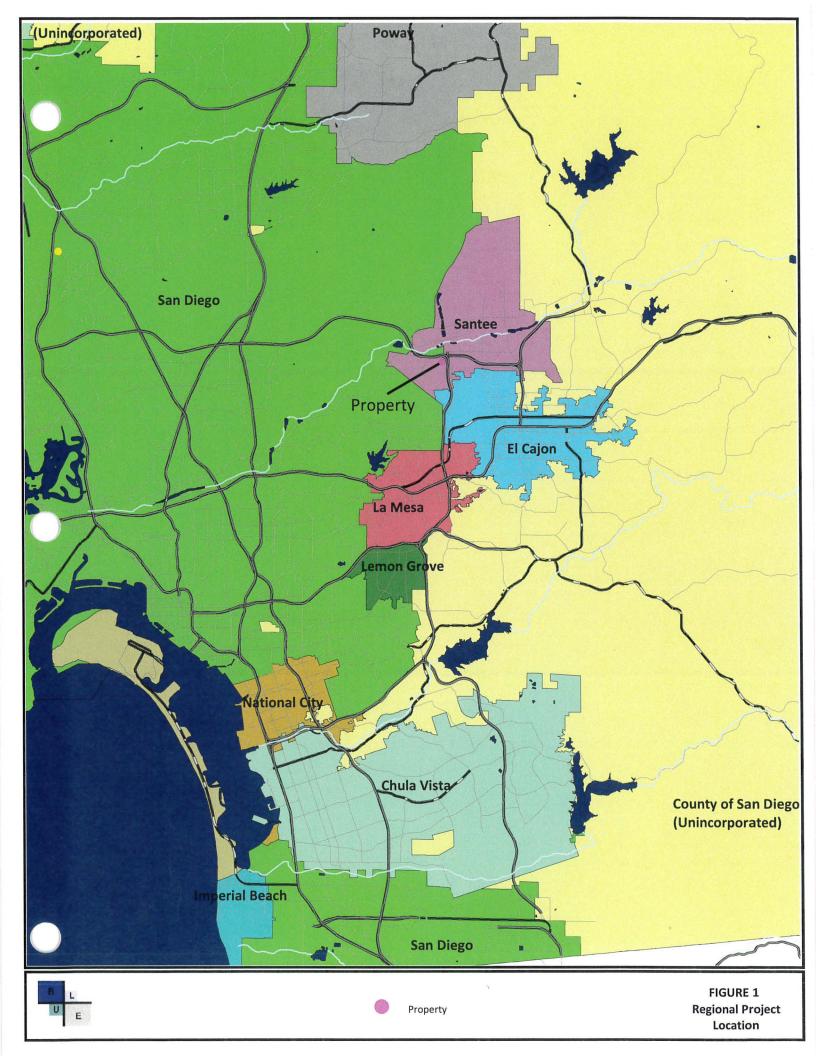
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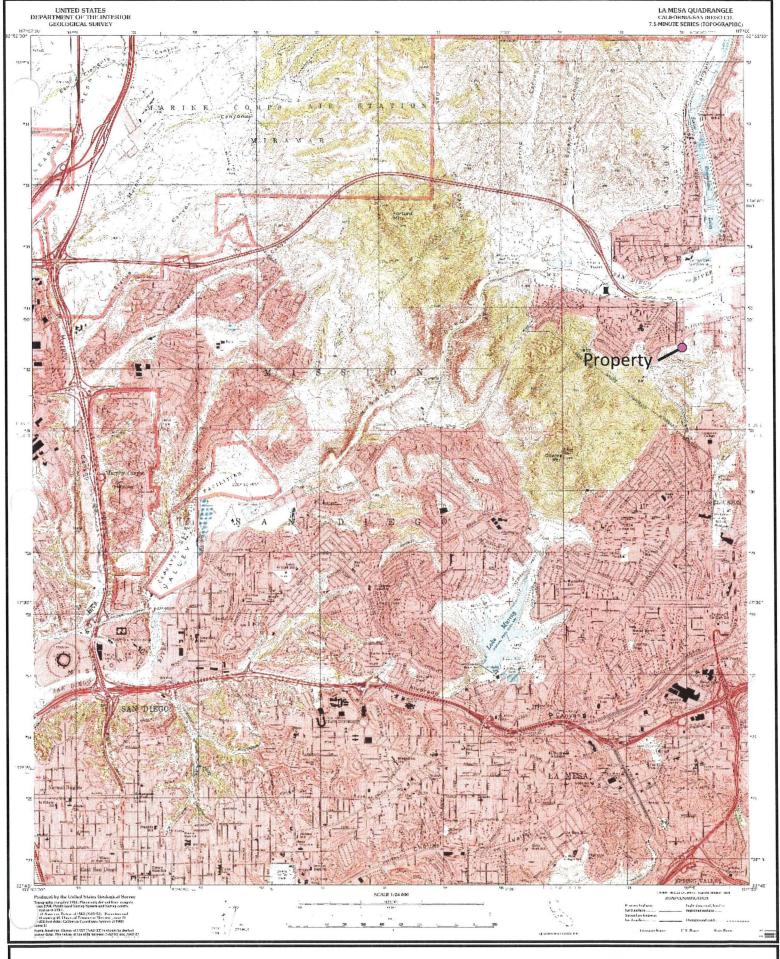


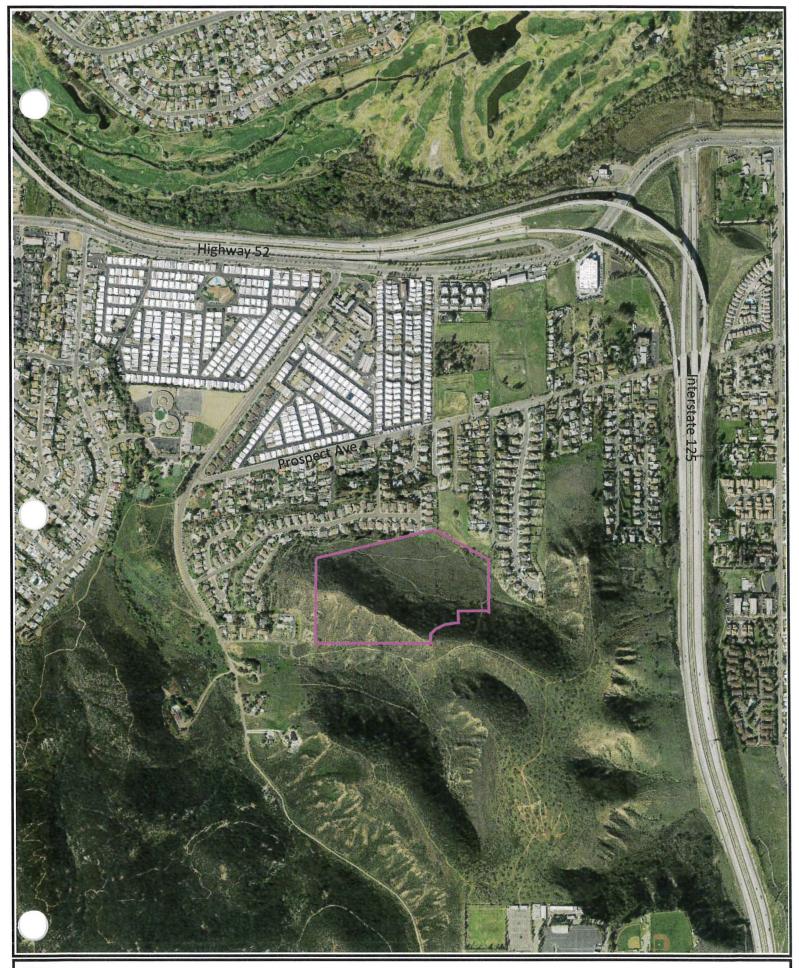
President

BLUE Consulting Group

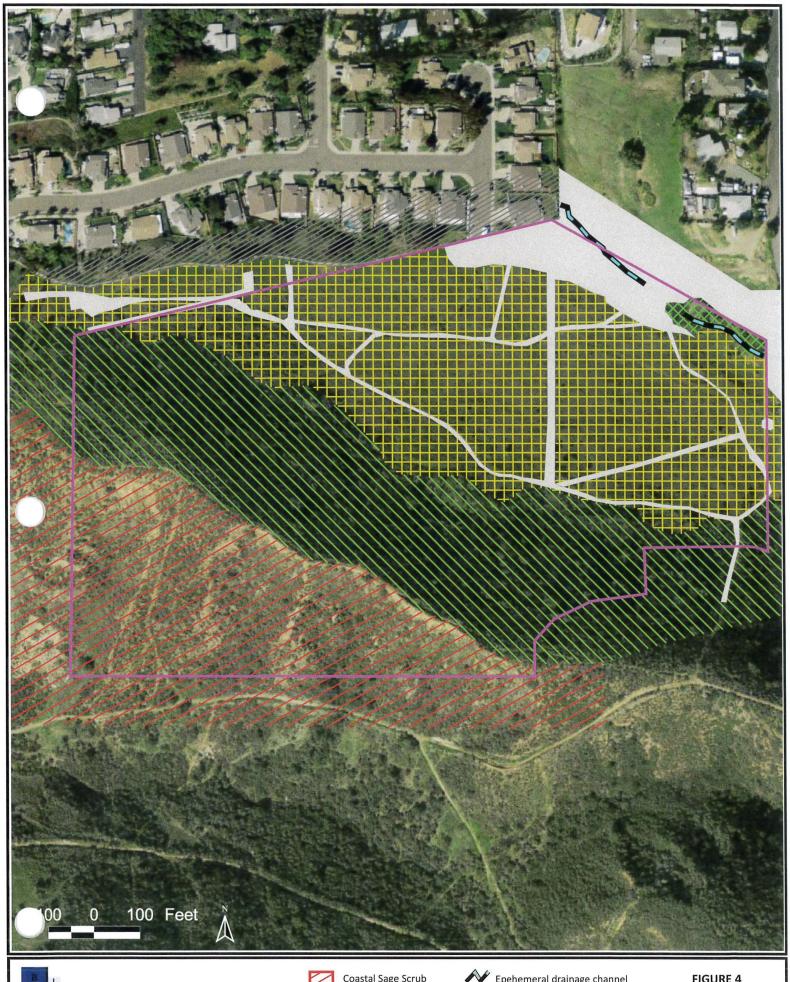
Attached: Data Sheets



















ATTACHMENTS

| Project | Santee | Tyler stre | et) Date o | f Survey: <u>3/14/13</u> Survey Numb | Page 1 of 1 |
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April 16, 2013

Susie Tharratt U.S. Fish and Wildlife Office 6010 Hidden Valley Road Suite 101 Carlsbad, CA 92009

Subject: Results (Negative) of focused Quino Checkerspot Butterfly surveys on an approximately 27.4 acre site in San Diego County, California

Ms. Tharratt,

Due to the presence of appropriate habitat and patches of *Plantago erecta*, protocol surveys for the Quino Checkerspot Butterfly (QCB; *Euphydryas editha quino*) were completed on the approximately 27.4 acre property(s) located at the terminus of Tyler St. in the City of Santee, County of San Diego. The site is located just south of Mesa Heights Road, approximately 2000 feet south of the 52 Freeway and approximately 2000 feet west of the 125 Freeway, on the La Mesa USGS 7.5 minute quadrangle. BLUE Consulting Group hired biologist Erik LaCoste (TE 027736-5) to complete the protocol surveys. The purpose of the protocol surveys was to determine the status of QCB on the Property. This report describes the methods, results, and conclusions of the completed protocol surveys.

Site Location and Description

The property is approximately 27.4 acres and is located in the City of Santee, San Diego County. Primary access to the property is at the terminus of Tyler Street which dead-ends at the subject properties northern property line (Figures 1-3).

The site is dominated by a ridgeline running east-west with south facing slopes in the southern portion of the property, north facing slopes in the center of the property and a gradually sloping/flat area in the northern portion. The northern, flat and disturbed portion of the property appears to have been previously utilized as an

agricultural area. There is an ephemeral drainage channel supporting riparian habitat running along the eastern and northern property line. Designated Critical Habitat for the California gnatcatcher is located onsite.

TABLE 1
PLANT COMMUNITIES

| | TARREST ALL FARMS | |
|------------------------------------|-------------------|-------------|
| Plant Community | Tier | Acres |
| Diegan coastal sage scrub | 11 | 6.36 |
| Chaparral | Ш | 8.89 |
| Riparian Scrub | 1 | 0.24 |
| Jurisdictional Unvegetated Channel | 1 | 120 sq. ft. |
| Non-Native Grasslands | Ш | 9.94 |
| Disturbed habitat | IV | 1.97 |
| TOTAL | - | 27.40 |

During the biological surveys, a total of six vegetation communities were mapped on-site: Diegan coastal sage scrub, mixed chaparral, riparian scrub, jurisdictional unvegetated ephemeral drainage, disturbed habitat, and non-native grasslands. Table 1 summarizes the acreage of each land cover type and Figure 4 depicts their location.

Onsite, the observed plantago patches were generally along the western property line and on the ridgeline within all upland habitat types. While there were a number of small patches observed, a total of 4 larger patches or groups of plantago erecta were observed onsite; three areas were observed off site to the west of the property line.

Erik LaCoste (TE 027736-5), who is permitted by the U.S. Fish and Wildlife Service (USFWS) to conduct surveys for the Quino Checkerspot butterfly, conducted the 2013 monitoring surveys on the property. Mr. LaCoste conducted 6 protocol surveys, according to the USFWS QCB survey protocol (Table 2).

TABLE 2 SURVEY DETAILS

| Date | Survey Type | Time | Conditions | Biologists |
|---------|-------------|-----------|-----------------------------|------------|
| | | | Temp (ºF), Wind (mph) begin | |
| | | | and end, Sky | |
| 3-14-31 | QCB | 0930-1200 | 64-79,2-4, clear | EL* |
| 3-21-31 | QCB | 1000-1200 | 65-68,0-2, clear | EL |
| 3-28-31 | QCB | 0830-0930 | 69-76,1-3, 2-5% cover | EL |
| 4-2-31 | QCB | 1000-1200 | 61-65,0-2, clear | EL |
| 4-10-13 | QCB | 1245-1445 | 76-77,4-8, clear | EL |
| 4-18-13 | QCB | 0900-1030 | 68-75,2-8,clear | EL |

^{*}EL = Erik LaCoste

- 3 **-**

All areas supporting *Plantago erecta* on site, as well as within approximately 200 feet were carefully searched for the presence or absence of QCB and/or QCB larvae.

Survey Results and Conclusions

The locations of the plantago erecta are shown in Figure 5. No QCB were observed onsite.

Butterfly species observed include: funeral duskywing, Behr's metalmark, perplexing hairstreak, painted lady, anise swallowtail, brown elfin, southern blue, west coast lady, cabbage white, and monarch.

Of note, on the 4/10/13 survey, a California gnatcatcher nest with 4 eggs was observed on the ridgeline in a California sagebush adjacent to the dirt trail (32.827217,-117.012260).

I certify that the information in this survey report and attached exhibits fully and accurately represents my work.

Eric LaCoste

Date

Should you have any questions or concerns regarding this survey, please do not hesitate to contact me.

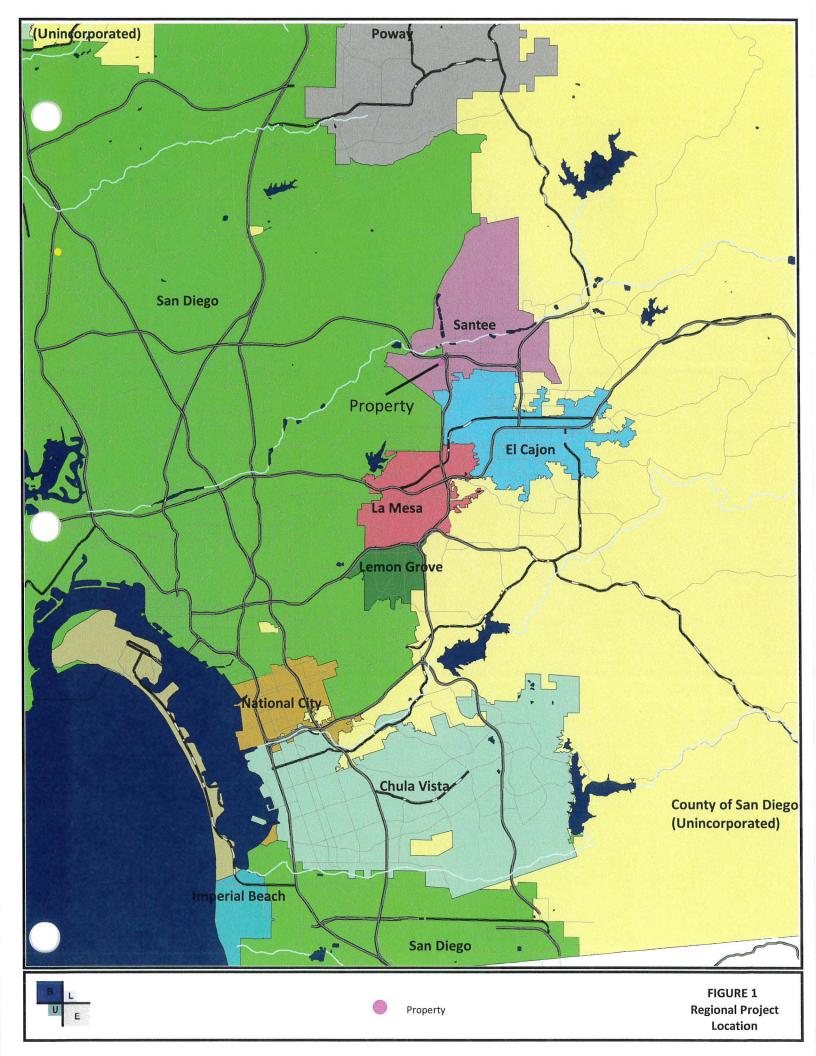
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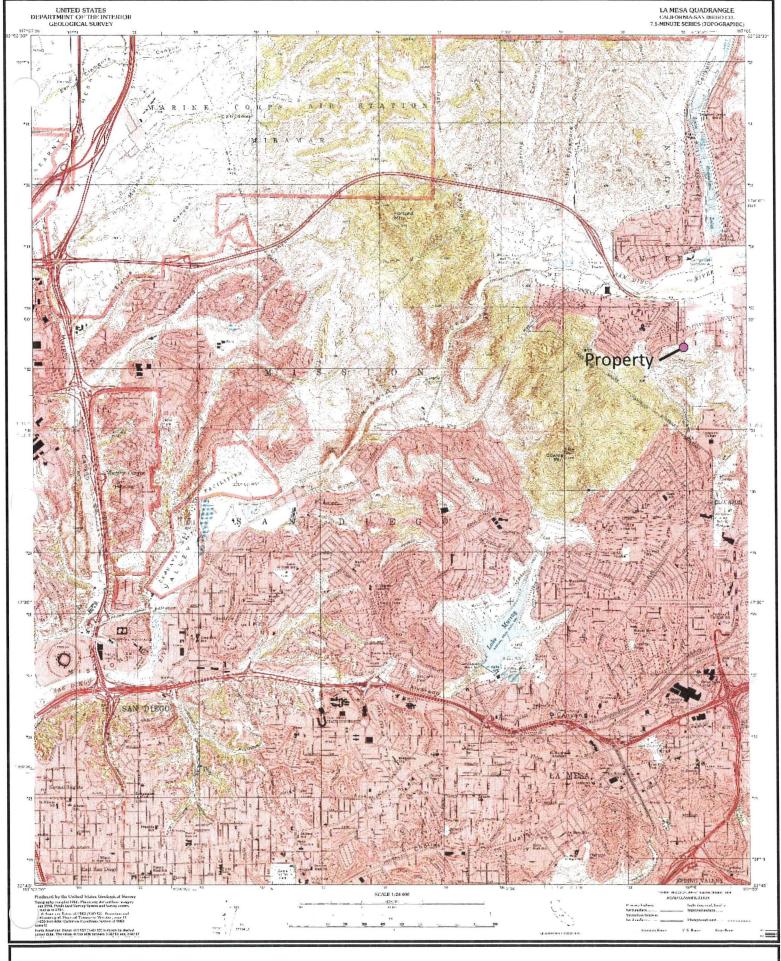
Michael Jefferson

President

BLUE Consulting Group

Attached: Data Sheets 1-6

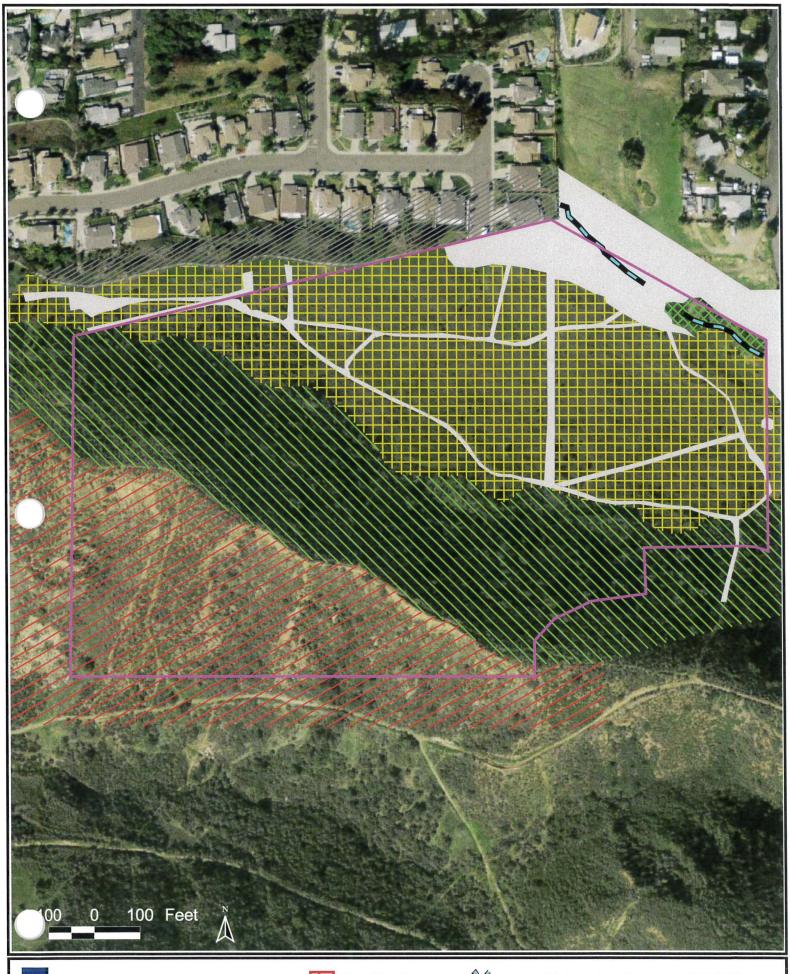




















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| Project: Sant | ee (Taylor St | Date of | Survey: 3/21/13 Survey Number | Page of |
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| Type of Survey: | acis | | Survey Numbe | er: 2 of 6 |
| Personnel: | R LA COSTE | TE02(1)6 | | |
| Notes: | The state of the s | | | |
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| Time | Temp (°F) | Wind (mph) | Sky (% clouds) | Precipitation |
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| Finish 1200 | 43 | 0-2 | & Huze | .0 |
| Species Funereal Dusla Perplexing has Behrs Metalr Anse swallow Brown Elfin | rstreak 1111 nark 1111 HAI | t 10 111 9 1 | Planta Murabili Chia San Dia Phaceli Ranche Mustar Sonche Calyster Sancule Shootin Miners | Eloo Sunflower a Distans ers f.poleneck rd SP. is Oleraceus gis mucrostegia arquta ig Stars |
| Notes: | 11 patches o | F Plantago - | See Map. | |

| Project: Santer Type of Survey: Personnel: Erik Notes: | DCB LACOSTE | TE 027736 | f Survey: 378/13 Survey Numb | Page 1 of 1 of 5 of 6 |
|--|---|------------|---------------------------------|---------------------------------------|
| Time | Temp (°F) | Wind (mph) | Sky (% clouds) | Precipitation |
| Start 1000 | 69 | 1-3 | 2% | 6 |
| Finish 1145 | 76 | 1-3 | 5% | 9 |
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| Species | | | | roment (new) |
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| Project: Santa Type of Survey: Personnel: Erik Notes: | (Taylor QCPS LACOSTE | st.) | Date of 9 | Survey: | 42/13 Survey Numb | Page of er: 4 of |
|---|----------------------------|--------|--|---------------------------------------|----------------------|---------------------------|
| | | | | | | _ |
| Time | Temp (°F) | | Wind (mph) | Sky (| % clouds) | Precipitation |
| Start | Temp (1) | | VVIII (III) | SILY (| 70 clouds) | 1 1 Cipitation |
| Finish | | | * | | | |
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| Species | 1.0.10.0 | MIL BU | 11 11 12 | | 15/00/ | ness (new) |
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| Notes: | | | | | | |
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| Project: Santee (Taylor St.) Date of Survey: 4/10/13 Page of Lype of Survey: 4/10/13 Page of Lype of Survey: 5 of 6 Personnel: Esik LaCoste TE027736 Notes: | | | | | | | | | |
|--|--|----------|--|----------------|---------|--|--|--|--|
| | r | | | | | | | | |
| Time | Temp (°F) | | Wind (mph) | Sky (% clouds) | | Precipitation | | | |
| Start /245 Finish 245 | 76 | | 4-1 | t | 5 | h | | | |
| Finish 245 | 7-7 | | 4-8 | 4 | <i></i> | 90 | | | |
| Species | | T | · | | RI | lmay stamoo | | | |
| Behrs metalmark | | THIT | # #1 | 15 | | None. | | | |
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| Notes: | | | | | | | | | |
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| By Chance- | - Locate | CA | SN Nest W | 14 8 | eggs in | Artemisia | | | |
| on Riogeline - on trail | | | | | | | | | |
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| Plantupo Green on North Slope - Drying on Ripgelne | | | | | | | | | |
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| Project: Santer (Taylor St.) Date of Survey: 4/18/13 Page of 1 Type of Survey: Octo Survey Number: 6 of 6 Personnel: Essle (Aloste TE027736 A | | | | | | | | | |
|---|------------|---------------------------|---|---------------|--|--|--|--|--|
| Time | Temp (°F) | Wind (mph) Sky (% clouds) | | Precipitation | | | | | |
| Start 0900 | | 2-6 | Ð | 0 | | | | | |
| Finish 1030 | U8 75 | 4-9 | O | 0 | | | | | |
| | rare MH | | | None. | | | | | |
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