

REVISED - PEA Pole Numbers

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..... **Pacific Pocket Mouse Focused Survey Reports Tremor 2013**

September 8, 2013

Recovery Permit Coordinator  
U.S. Fish and Wildlife Service  
2177 Salk Avenue-Suite 250  
Carlsbad CA, 92008-7385

RE: 45-day report on the results of surveys Focused Surveys for the Endangered Pacific Pocket Mouse (*Perognathus longimembris pacificus*) at locations at or near San Mateo North on Camp Pendleton, San Diego County.

Dear Ms. Tharratt,

This report is to notify you of the results of surveys (July 21-26, 2013) conducted for the Pacific Pocket mouse (*Perognathus longimembris pacificus*) at locations near San Mateo North on Camp Pendleton, San Diego County. The surveys were conducted in accordance with established protocols pursuant to my Federal 10(a)(1)(A) Recovery Permit (TE-787716-7).

#### *Purpose*

For the last several years San Diego Gas and Electric has been converting wooden electrical distribution poles to new weathered steel poles in existing fire-prone areas. This project involves the replacement of existing poles on a 69 kv corridor. Installation generally occurs at or near existing poles and utilizes previous roads or work areas in order to minimize impacts.

Conversion to steel poles is underway at Camp Pendleton and several planned locations occur within suitable PPM habitat. The first series of poles are located near the historic San Mateo North population inclusive of one pole in San Mateo Creek.

#### *Methods*

A total of 9 plots (Appendix 1) were sampled at this location. Plots were established within the distinct work areas immediately surrounding the poles. William Miller requested that one plot (Pole # B [not a part of project]) was established outside of a workstation but close to a pole in apparent good PPM habitat. Also, Mr. Miller recommended a subset (PEA Pole # 154, 155) of the poles near the housing adjacent to the golf course to be sampled.

Each plot included a minimum of 10 trapping stations, utilizing 7 ½ meter spacing. One modified 9" Sherman trap were placed at each trap station that is marked by flag with a unique

identifying number. All traps were opened and baited at dusk. Traps were checked at midnight and all captures processed and released on site. Traps were again checked at dawn, or before, and all animals were processed and released, then closed until the following dusk. Captured animals were identified to species, sex, reproductive status, and age class (adult, subadult, juvenile) were recorded.

All terms and conditions of the permit were adhered to during this survey.

### *Location*

The survey area (Figure 1) is immediately adjacent to San Mateo North site as well as a canyon northeast and a single pole in San Mateo Creek.

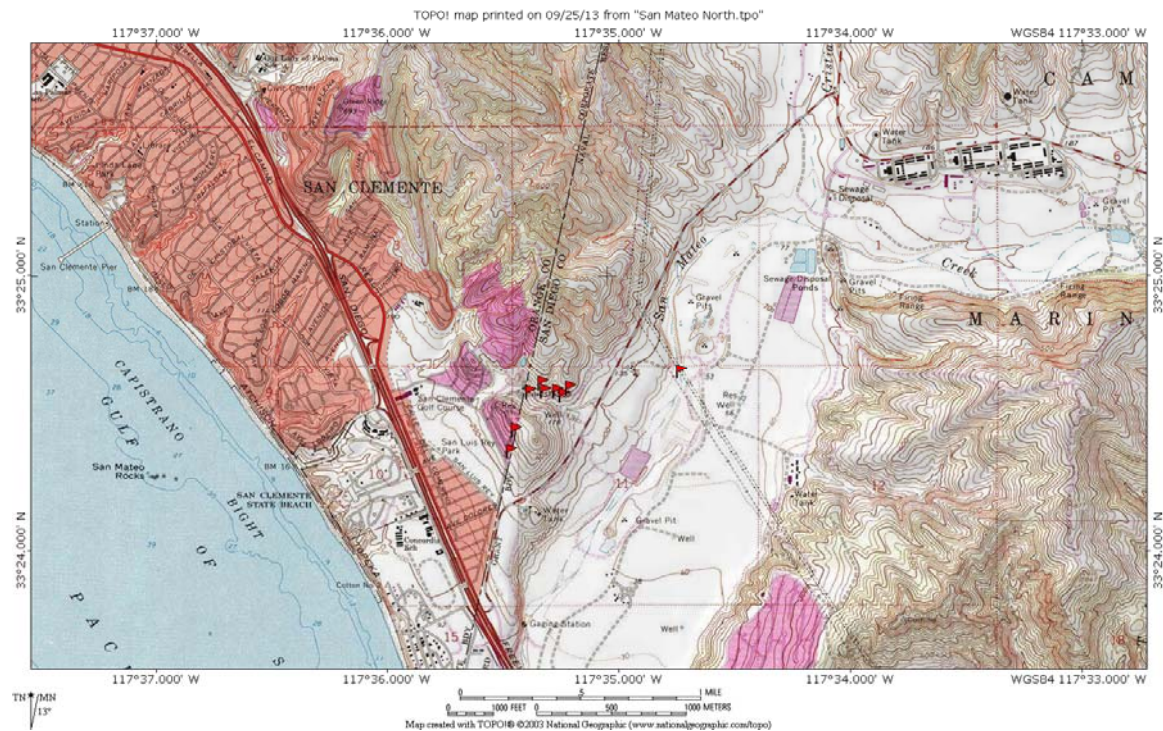


Figure 1. Survey locations at Camp Pendleton, CA. All plots marked by yellow diamonds.

### *Results*

There were 530 trap nights during this survey, no PPM were captured or observed during the July 21-26, 2013 surveys. However, other species (Appendix 2) were detected in the project area during these surveys.

Let me know if you have any questions.

Sincerely,

Scott Tremor

## Appendices

### Appendix 1. General location of grids

PEA Pole #	Latitude	Longitude	Number of traps
C(NA)	33.410193°	-117.578564°	12
D(NA)	33.409568°	-117.586363°	12
E(NA)	33.409469°	-117.587195	12
F(NA)	33.409352°	-117.587881°	12
A(NA)	33.409319°	-117.588983°	12
B(NA)	33.409585°	-117.589084°	10
G(NA)	33.409224°	-117.589719°	12
154	33.406273°	-117.591099°	12
155	33.407162°	-117.590905°	12

NA - Not a part of project

### Appendix 2. Mammal species detected during San Mateo South surveys

Common Name	Scientific Name
Deer mouse	<i>Peromyscus maniculatus gambellii</i>
Northern Baja deer mouse	<i>Peromyscus fraterculus</i>
Brush mouse	<i>Peromyscus boylii</i>
Bryant's woodrat	<i>Neotoma bryanti</i>
Dulzura pocket mouse	<i>Chaetodipus californicus femoralis</i>

September 10, 2013

Recovery Permit Coordinator  
U.S. Fish and Wildlife Service  
2177 Salk Avenue-Suite 250  
Carlsbad CA, 92008-7385

RE: 45-day report on the results of surveys Focused Surveys for the Endangered Pacific Pocket Mouse (*Perognathus longimembris pacificus*) at San Mateo South on Camp Pendleton, San Diego County.

Dear Ms. Tharratt,

This report is to notify you of the results of surveys (July 27-31,2013) conducted for the Pacific Pocket mouse (*Perognathus longimembris pacificus*) at locations near San Mateo South on Camp Pendleton, San Diego County. The surveys were conducted in accordance with established protocols pursuant to my Federal 10(a)(1)(A) Recovery Permit (TE-787716-7).

#### *Purpose*

For the last several years San Diego Gas and Electric has been converting wooden electrical distribution poles to new weathered steel poles in existing fire-prone areas. This project involves the replacement of existing poles on a 69 kv corridor. Installation generally occurs at or near existing poles and utilizes previous roads or work areas in order to minimize impacts.

#### *Methods*

A total of 4 poles at this location are proposed to be replaced. Two of the four poles (Appendix 2) were proposed to fall within PPM habitat. New poles (PEA poles 123, 85, 83) were identified during a site survey with Will Miller and those poles were added to this survey.

Each plot included a minimum of 10 trapping stations, utilizing 7 ½ meter spacing. One modified 9” Sherman trap were placed at each trap station that is marked by flag with a unique identifying number. All traps were opened and baited at dusk. Traps were checked at midnight and all captures processed and released on site. Traps were again checked at dawn, or before, and all animals were processed and released, then closed until the following dusk. Captured animals were identified to species, sex, reproductive status, and age class (adult, subadult, juvenile) were recorded.

This survey also included assistance with the PPM captive breeding program. There was need to add more unmarked adults to the program from San Mateo South so sections of sample sites 1424 and 1433 were added to this survey.

All terms and conditions of the permit were adhered to during this survey.

### Location

The survey area (Figure 1) is located throughout San Mateo South study site. Exact locations are listed in Appendix 1.

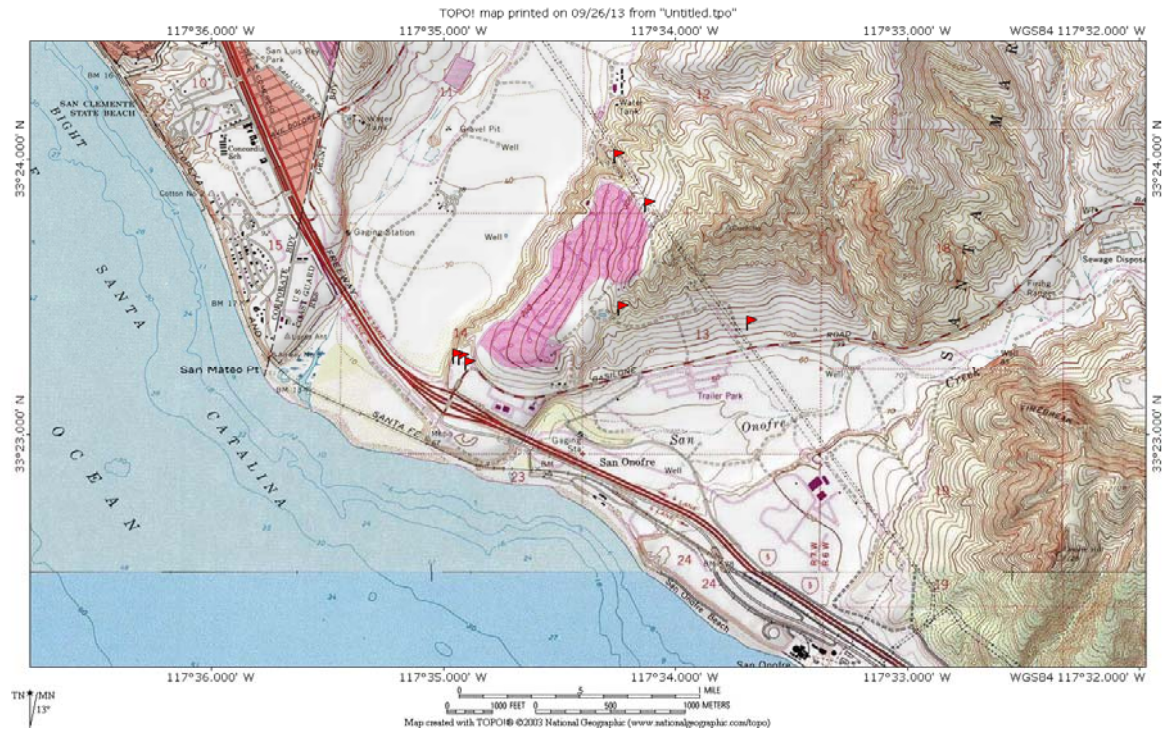


Figure 1. Topo map with flags depicting general study area.

### Results

There were 495 trap nights during this survey, no PPM were captured or observed during the July 27-31, 2013 surveys. However, other species (Appendix 2) were detected in the project area during these surveys.

Let me know if you have any questions.

Sincerely,

Scott Tremor

## Appendices

### Appendix 1. General location of grids

PEA Pole #/grid	Latitude	Longitude	Number of traps
H(NA)	33.397320°	-117.568727°	12
I(NA)	33.400063°	-117.570774°	12
83	33.387568°	-117.581417°	12
123	33.387739°	-117.581862°	10
85	33.388370°	-117.582674°	12
1425	33.390957°	-117.570993°	16
1433	33.389655°	-117.561952°	25

NA - Not a part of project

### Appendix 2. Mammal species detected during San Mateo South surveys

Common Name	Scientific Name
Deer mouse	<i>Peromyscus maniculatus gambellii</i>
Northern Baja deer mouse	<i>Peromyscus fraterculus</i>
California mouse	<i>Peromyscus californicus</i>
Western harvest mouse	<i>Reithrodontomys megalotis</i>
Dulzura pocket mouse	<i>Chaetodipus californicus femoralis</i>