

Southern California Edison
RTRP A.15-04-013

**DATA REQUEST SET A.15-04-013 RTRP-CPUC Deficiency Report-SCE-004
Supplemental 2**

To: ENERGY DIVISION
Prepared by: Jeff Miller
Title: Project Manager
Dated: 11/22/2016

Question 04:

Provide an updated version of Table 2.5-3a in the 2013 RTRP Final EIR that reflects all changes to calculated work space permanent and temporary disturbance areas based on preliminary engineering revisions (see Items #1 through #3 above).

Response to Question 04:

The requested updated Table 2.5-3a is attached to this response. Revisions are shown in red text and old values are stricken.

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**DATA REQUEST SET A.15-04-013 RTRP-CPUC Deficiency Report-SCE-004
Supplemental 2**

To: ENERGY DIVISION
Prepared by: Gary Busteed
Title: Environmental Project Manager
Dated: 33/24/2016

Question 08:

Focused surveys are required for the following special-status species within suitable habitat:

- Least Bell's vireo
- Southwestern willow flycatcher
- Western yellow-billed cuckoo
- Delhi sands flower-loving fly
- San Diego ambrosia
- Brand's phacelia
- San Miguel savory
- Los Angeles pocket mouse
- Northwestern San Diego pocket mouse
- San Bernardino kangaroo rat

Focused surveys for these species were performed between 2006 and 2009 (seven to ten years ago). These surveys are considered out-of-date and do not reflect current species distribution. The impact analysis and the mitigation measures in the 2013 RTRP Final EIR may therefore not adequately consider the level of impacts on these species. The focused surveys need to include the full limits of all work areas as defined in response to items 1 through 3 above.

Understanding that focused surveys for some species require multiple field visits over several weeks and during specific time periods, please provide a detailed schedule for any outstanding focused surveys that extend beyond the September 19th response deadline for this Deficiency Report.

Response to Question 08:

Attached are the results of the 2016 Focused Surveys for Delhi Sands Flower Loving Fly, Riparian Birds, and Small Mammals. Results for San Diego ambrosia, Brand's phacelia, and San Miguel savory are not included due to the timing of this data request and seasonal nature of the surveys required. However, as recommended in the August 29, 2016 Habitat Assessment Report, SCE will conduct focused surveys for San Diego ambrosia, Brand's phacelia, and San Miguel savory during the spring and early summer of 2017. Attached to this request is the

proposed 2017 schedule for those focused botanical surveys and associated reports. Also included in the schedule is the second year for the Delhi Sands Flower Loving Fly.

Also, as part of SCE's response to this Data Request we are providing the August 29, 2016 Habitat Assessment Report and the supplemental October 26, 2016 Habitat Assessment Report. The Supplemental Habitat Assessment Report includes any additional habitat assessments that were needed as a result of the proposed RTRP "hybrid" aboveground / underground alternative 230 kV transmission line route (the "Hybrid Route"). No sensitive resources were discovered as part of the supplemental habitat assessment, and the survey area will be included in the spring surveys as necessary for the 2017 botanical surveys and Delhi Sands Flower Loving Fly. However it was determined that these supplemental areas are not suitable for sensitive small mammals and listed riparian birds, therefore there are no follow up surveys scheduled for small mammals and riparian birds in supplemental areas for the Hybrid Route for 2017.

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To: ENERGY DIVISION
Prepared by: Ramon Calero
Title: Engineer 2
Dated: 11/22/2016

Question 11:

Provided quantities of cut, fill, and import material for each project component and a total quantity of import and export by material type.

Response to Question 11:

Appended below, please find estimated earthwork volumes as requested. Please note, for all aspects of the information requested, the figures presented here are based on planning level assumptions, analyses performed to date, and known conditions. The estimated volumes of earthwork, along with the precise design and/or location of RTRP project components, are subject to change in response to various factors, including the CPUC's final approval of RTRP's CPCN, completion of final engineering, changes to and/or verification of existing field conditions, identification of new field conditions, system outage constraints, availability of labor, material, and equipment, and compliance with applicable environmental and/or permitting requirements.

The estimated earthwork volume values and assumptions are as follows:

- 1) Construction of Access Roads:
 - a) Cut Volume: 4700 cubic yards (CY)
 - b) Fill Volume: 4600 CY
 - c) Export: 100 CY
 - d) Import: 0 CY

The access road surface was estimated utilizing light detection and ranging (LiDAR) data taken from along the proposed transmission line. Earthwork volumes were obtained utilizing Civil 3D.

- 2) Trenching: 35,000 CY

An estimated 21,972 linear feet of trenching is necessary. The estimated trench dimensions are 6.5 feet wide by 6.5 feet deep.

- 3) Vaults/Manholes: 11,000 CY

Estimated manhole excavation dimensions are five (5) feet wide by eight (8) feet long by five (5) feet deep. One (1) additional foot of excavation is required around the sides of each manhole. Sixteen (16) manhole excavations clusters are estimated to be required.

Estimated vault excavation dimensions are twelve (12) feet wide by fifty (50) feet long by fifteen (15) feet deep. One (1) additional foot of excavation is required around the sides of each vault. Thirty-two (32) splice vaults are estimated to be required.

4) Transmission Poles: 5,700 CY

Footing sizes and excavation volumes are based on SCE's experience regarding the construction and/or erection of similar structures.