

Southern California Edison
WODUP A.13-10-020

DATA REQUEST SET A.13-10-020 WODUP ED-SCE-06

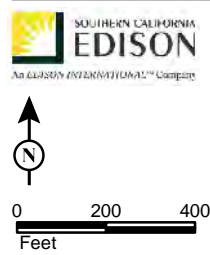
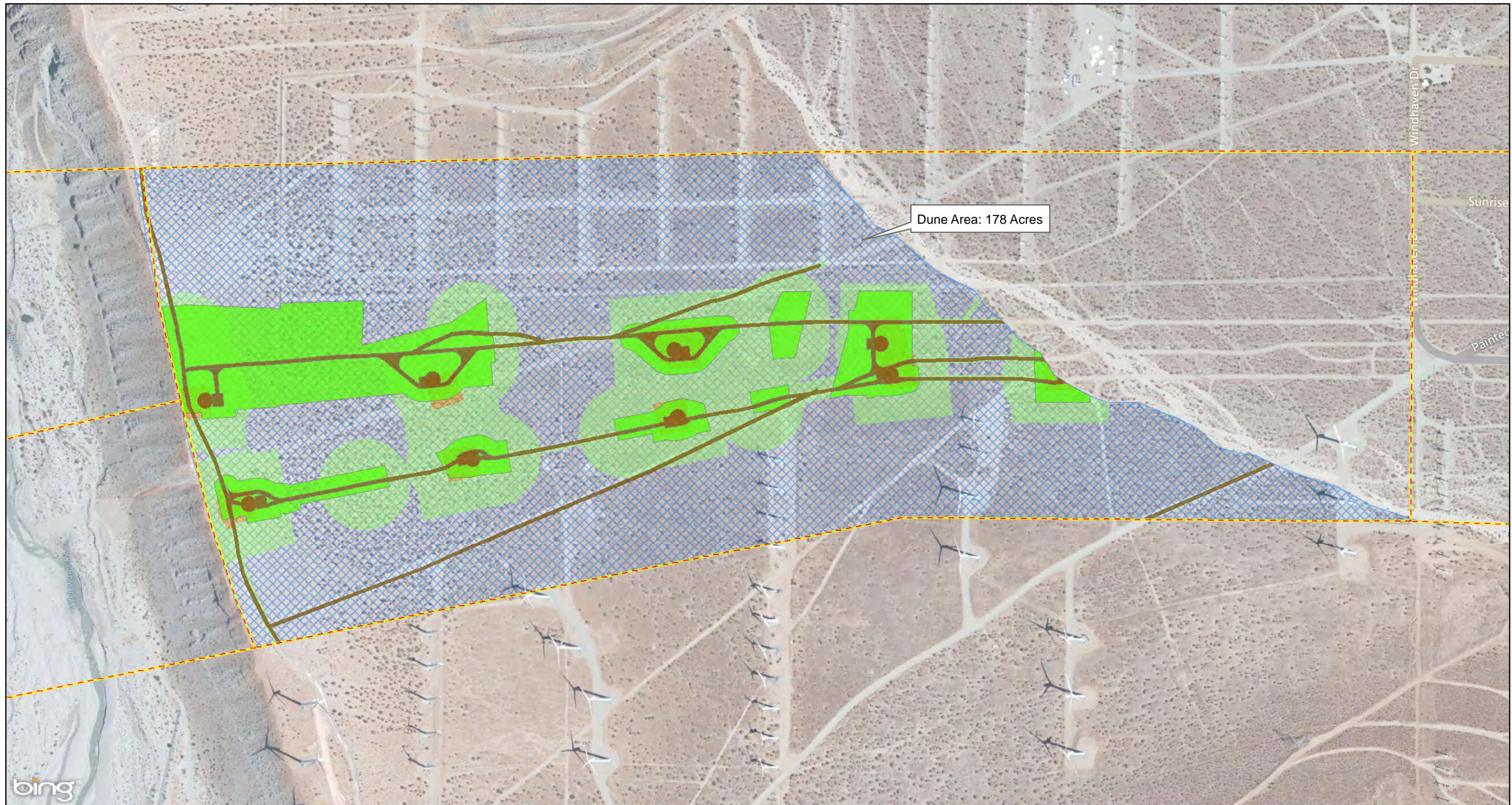
To: ENERGY DIVISION
Prepared by: Paul Yamazaki
Title: Senior Biologist
Dated: 08/05/2014

Question BIO-25:

Please provide the total acreage of the aeolian sand habitat in the Project Study Area and the acreage of temporary and permanent project impacts in this habitat. If any or all of this acreage is also include under other habitat type(s) (e.g., creosote scrub), please indicate that and provide details.

Response to Question BIO-25:

The aeolian sand dune (Dune) habitat in the Project Study Area was calculated using GIS data. The total acreage of aeolian sand dune habitat is approximately 178 acres. Estimated permanent and temporary projects impacts to the Dune area were calculated using PEA Engineering (49 acres Temporary/5.1 acres Permanent) and Refined Engineering (22 acres Temporary/8.4 acres Permanent), which are also provided in a table in the attached map. Please note that the permanent impacts resulting from refined engineering appear higher due to the conservative estimate of access roads resulting in a 18 foot wide permanent impact. The permanent impact resulting from the access roads is a conservative and "not to exceed" number and will be further reduced as engineering is finalized.



LEGEND

Refined Engineering Impact

- Permanent
- Temporary

PEA Engineering Impact

- Permanent
- Temporary

- Dune Area (Creosote bush scrub)
- Botanical Survey Area

SOURCE: GANDA, Bing, SCE Engineering data version: July 11, 2014
 H:\GIS_WoDMapFiles\Plans\Dunes_2014-08-21\WOD_DuneReview_2014-09-09.mxd (2014-09-09)

Creosote Bush Scrub/Dune Area Project Impacts (Acres*)			
	Temporary	Permanent	Total
Refined Engineering	22	8.4	31
PEA Engineering	49	5.1	54
Difference	-27	3.3	-23

* Discrepancies are due to rounding



FIGURE 1

Southern California Edison
 West of Devers Upgrade Project
 Creosote Bush Scrub/Dune Area