

APPENDIX D
BIOLOGICAL RESOURCES



June 13, 2013
(20252)

Chris Webb
3780 Kilroy Airport Way
Long Beach, CA 90806

SUBJECT: BIOLOGICAL ASSESMENT SUMMARY FOR THE BROAD BEACH SAND SOURCE VISITS IN MOORPARK, CALIFORNIA

Dear Mr. Webb,

The purpose of this memo report is to summarize the results of the biological assessment conducted at each of three potential sand source sites in Moorpark, California.

Summary of Sites

Prior to site visits, a literature review using the California Natural Diversity Database (CNDDDB) data (CDFG 2012) and the California Native Plant Society (CNPS) Electronic Inventory of Rare and Endangered Vascular Plants of California (CNPS 2012) for each United States Geological Survey (USGS) 7.5-minute topographic quadrangle containing a sand source site location. The quadrangles queried included *Santa Susana*, *Moorpark*, and *Simi*. These records contain reported occurrences of federal- and state-listed endangered or threatened species, California Species of Special Concern (CSCs), or otherwise documented sensitive species or habitats that may occur in the vicinity of the sand site locations.

Site visits were conducted by Chambers Group biologist Jeremy Smith, on June 12, 2013 to identify potential for sensitive biological species that are present at three sand source sites associated with the Broad Beach Project (Project). The mining sites visited include CEMEX, Grimes Rock Inc, and PW Gillibrand Co. of which all are active mining sites/sources.

CEMEX

The CEMEX site consisted of a very large stockpiles of sand derived from a 100 foot plus active cut into the sandstone hillside. Since the mine, cut, and desired stockpile of sand at the CEMEX facility are active, there was virtually no sign of biological activity. There were no sensitive biological resources observed at the CEMEX sand source site.

Grimes Rock Inc

The Grimes Rock Inc mine consisted of smaller stockpiles of sand that were actively being replenished. Some of the desired sand comes from a cut of exposed sandstone that is approximately 50 feet in height and 100 feet wide. The immediate vegetation surrounding the cut is primarily ruderal and no sensitive biological resources were observed. Should this source be chosen for the Project, more material would need to be

excavated from the current cut making it much larger, thereby impacting the surrounding vegetation including some disturbed native scrub habitat. Grimes Rock Inc is currently undergoing the permit process, including a biological assessment, to further excavate the existing cut.

PW Gillibrand Co

The PW Gillibrand Co site consisted of a very large stockpile of washed and processed sand that was of interest to the Project. The stockpile is actively being replenished and is virtually devoid of vegetation. There was no observed sign of biological resources and thus, no sensitive biological resources are assumed to be present at the PW Gillibrand sand source site.

Please contact me at (714) 261-5414 ext. 7231 or jsmith@chambersgroupinc.com if you have any questions or concerns regarding this memo.

Sincerely,

CHAMBERS GROUP, INC.



JEREMY SMITH
Associate Biologist

SITE PHOTOGRAPHS



Photo 1: Large active cut at the CEMEX mine.



Photo 2: Stockpile of potential Project sand at the CEMEX mine.



Photo 3: Source cut for some of the potential Project sand at the Grimes Rock Inc mine..



Photo 4: Smaller source cut for potential Project sand at the Grimes Rock Inc mine. Further work to the cut area is undergoing the permitting process.



Photo 5: Top of the processed sand stockpile at the PW Gillibrand Co. mine.



Photo 6: View down from the top of the processed sand stockpile at the PW Gillibrand Co. mine.
