



Memorandum

Date:	September 12, 2013
To:	Gary Nolan Granite Construction
From:	Kim Boydstun ICF International
Subject:	Rosemary's Mountain Expansion Footprint and Figure PDS2013-MUP-87-021W2, PDS2013-RC-87-001W2. Log No: 87-2-13

During July 2013 ICF International (ICF) had biologists at Rosemary's Mountain Quarry Expansion area to perform coastal California gnatcatcher surveys. These surveys included the quarry expansion area as well as a 500-foot buffer. As part of the final deliverable for the gnatcatchers surveys, the project biologist completed a vegetation map and documented the current site conditions. The project biologist recorded an area adjacent to the haul road and just within the expansion footprint as disturbed coastal sage scrub. This area contained weedy species such as horsetail (*Conyza canadensis*), fox tail (*Bromus* sp.), castor bean (*Ricinus communis*), Russian thistle (*Salsola tragus*), tree tobacco (*Nicotiana glauca*), sagebrush (*Artemisia californica*) and laurel sumac (*Malosma laurina*), goldenbush (*Isocoma menziesii*), deerweed (*Lotus scoparius*), California buckwheat (*Eriogonum fasciculatum*). The biologist mapped this area as disturbed coastal sage scrub (DCSS). Photos 1-4 are representative photos of the expansion area. There is one area that is adjacent to the chain link fence along the road that was previously hydroseeded with CSS for erosion control. Hydroseeding was done along the roadway leading uphill from the bottom of the quarry. This area has been receiving water from the water truck (see photos 5-6) and consequently the plants are robust even for this time of year.

Per our conversation you requested that I visit the site and photograph this area because the County of San Diego was requesting that this area be mitigated for the loss of DCSS. On August 27, 2013 I performed a site visit to the area in question and took photographs. The area in question is approximately 10x30 square feet, directly adjacent to the road and contains a few scattered California buckwheat, sagebrush plants, a small laurel sumac and scattered deerweed. These plants are isolated and disconnected from any contiguous coastal sage scrub. At the time I visit the site and photographed this area, I did not observe any wildlife utilizing these plants. The presence of a few scattered native plants does not constitute a plant community. This area is highly disturbed and contains many nonnative, weedy species. It is my conclusion that this area was mistakenly mapped as DCSS and should be reclassified on the vegetation map as disturbed/developed as this area is directly adjacent to the haul road and is an area where equipment and containers have been previously stored. I have attached representative photos of this area for your review. We have also revised the vegetation map and have included it as an attachment. Please contact me at kim.boydstun@icfi.com or 951-216-9933 with any questions.

Kim Boydstun, Senior Biologist
ICF International

Attachments: Representative Site Photos, Revised Vegetation Map Completed for CaGn Studies

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Page 2 of 4

Representative Site Photos



Photo 1: Looking southeast adjacent to haul road.



Photo 2: Looking southeast adjacent to haul road.

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Page 3 of 4



Photo 3: Looking northwest adjacent to haul road.



Photo 4: Looking east.

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Page 4 of 4



Photo 5: Looking southwest. Area previously hydroseeded and receiving intermittent water from water truck for dust control.



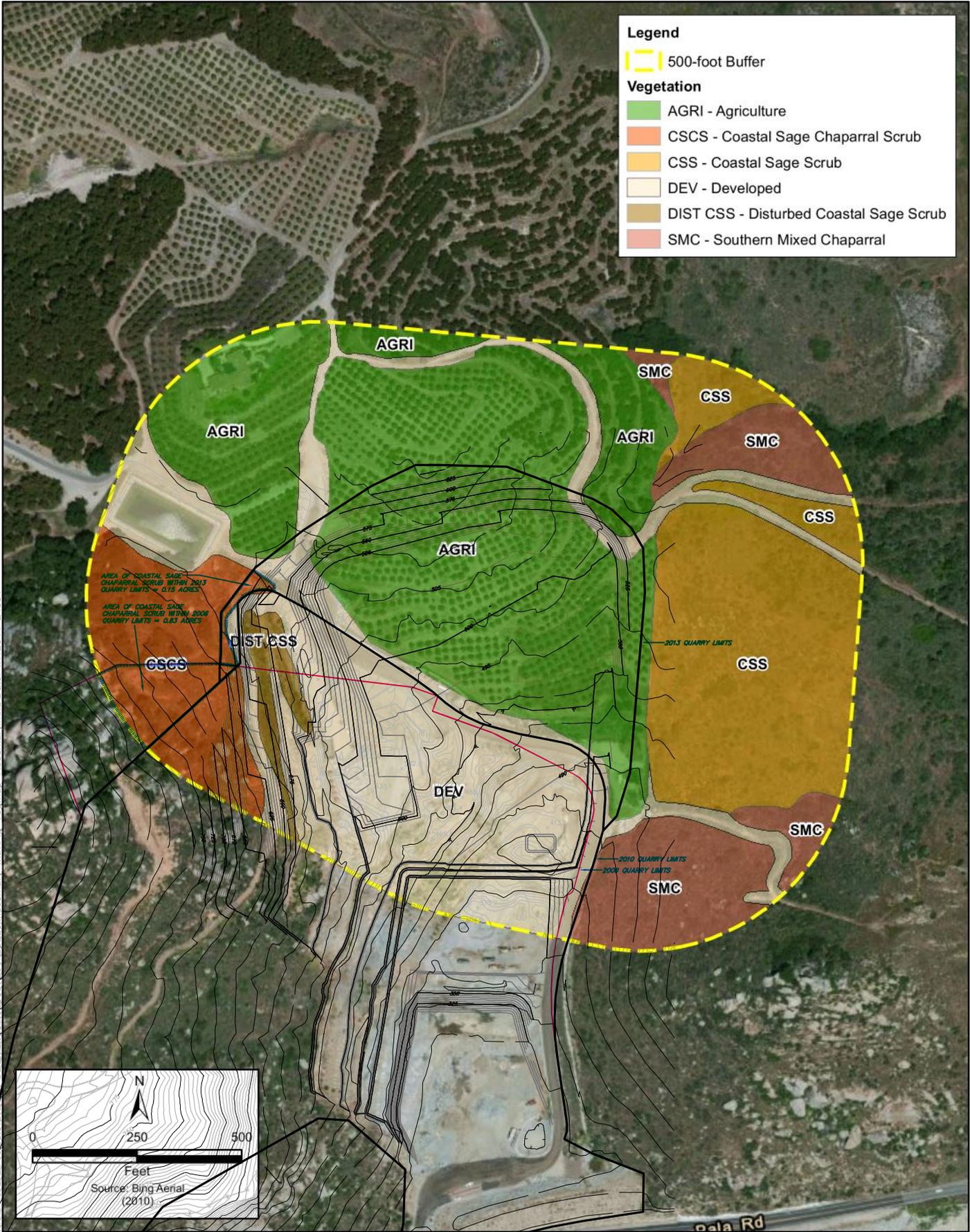
Photo 6: Hydroseeded area looking northwest.

Legend

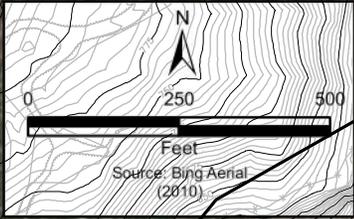
500-foot Buffer

Vegetation

- AGRI - Agriculture
- CSCS - Coastal Sage Chaparral Scrub
- CSS - Coastal Sage Scrub
- DEV - Developed
- DIST CSS - Disturbed Coastal Sage Scrub
- SMC - Southern Mixed Chaparral



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Vegetation Map for Expansion at Rosemary's Mountain Quarry