

CDPR OHMVR Division
New Visitor Center – Pismo State Beach

APPENDIX A
Wetland Summary
April 2009

Pismo Beach Visitor Center Project Wetland Delineation Summary

A wetland delineation was conducted at the Pismo Beach Visitor Center Project site on March 9, 2009 by a qualified DPR biologist to determine whether U.S. Corps of Engineers (USACE) or Coastal Act jurisdictional wetlands would be affected by project implementation. The field methodology that was used followed the Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (USACOE 2006). Plant species were identified using the *Jepson Manual: Higher Plants of California* (Hickman 1996) and the wetland indicator status of these species was determined using the *National List of Vascular Plant Species that Occur in Wetlands: 1988 National Summary* (USFWS 1988). A Munsell® Soil Color Chart was used to determine soil matrix and redox feature colors. The data were collected at various locations within the project area (see attached map for sample point locations) and paired (i.e., one in wetland, one outside of wetland) sample points were used whenever possible.

Field mapping of the potential wetlands was conducted using a Trimble GPS unit. A total of 0.33 acres of potential USACE-jurisdictional wetland were mapped along the edge of the lagoon (see attached maps). In addition, three areas totaling 0.14 acres, exhibited hydric soil (i.e., redox) features but lacked hydrophytic vegetation and wetland hydrology. Although these areas do not meet the requirements for USACE-jurisdictional wetland because two of the three required parameters are missing, they may be of interest in the coastal zone and are, therefore, included on the attached maps. The riparian vegetation in the project area totals 0.79 acres (see attached maps).

References

Hickman, James C., ed. 1996. *The Jepson Manual: Higher Plants of California*. 1400 pp.

U.S. Army Corps of Engineers. 2006. *Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region*. Wetlands Regulatory Assistance Program, U.S. Army Engineer Research and Development Center, Vicksburg, MS.

U.S. Fish and Wildlife Service (USFWS). 1988. *National List of Vascular Plant Species that Occur in Wetlands: 1988 National Summary*.

Visitor Center Wetlands Delineation Pismo State Beach/Oceano SVRA (South Portion)

1:600



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Visitor Center Wetlands Delineation Pismo State Beach/Oceano SVRA (North Portion)

1:600

