

CDFW Terrestrial- Sites 60 day Evaluation Meeting No.4 Agenda



Sites Reservoir Project

HDR Office: 2379 Gateway Oaks Drive, Suite 200 Fleming Conference Room. Or Skype with Call in: 866-583-7984,,1977661

Date: July 10, 2019

Location:

Time: 11:00 pm – 12:30 pm

Purpose: Continue terrestrial 60-day evaluation process.

Invitees

Rob Thomson, Sites Authority
Ali Forsythe, Sites Authority
Ian Boyd, CDFW

Monique Briard, ICF
Ellen Berryman, ICF

Jelica Arsenijevic, HDR
John Spranza, HDR

Action Item	Owner	Deadline	Notes
1	Schedule CDFW Field Visit	John S.	TBD
2	Extended write up for the model layers and land cover types.	Ellen B/John H.	7/10/2019
3	Crosswalk table EIR/EIS	ICF	7/10/2019
4	Determine if Construction and Ops separate ITP or combine: Talk with Jeff RE: the structure prior to next steps.	CDFW	7/10/2019
5	LSA	CDFW	Ongoing
6	Contact info for DWR Bank Swallow	CDFW	7/10/2019
			Complete – email sent 7/3/2019

Agenda

Discussion Topic	Topic Leader	Est Time
1. Introductions/Safety/ Admin	John Spranza	5 min
2. Review of Action Items from Previous Meeting	Ali Forsythe	15 min
3. Continued discussion of terrestrial species <ul style="list-style-type: none"> a. Extended write-up b. Cross walk table c. Continued discussion of extent of GGS habitat 	Ellen Berryman and John Howe	60 min
4. Next steps for 60 day schedule	Group discussion	10 min

DRAFT LAND COVER MAPPING DESCRIPTION

ICF GIS specialist and aquatic resource specialist/botanist created preliminary maps of land cover in and adjacent to the proposed project footprint. Land cover was digitized using ESRI’s ArcGIS 10.5.1 software with National Agricultural Imagery Program (NAIP) imagery (2016) as a base map to establish the limits of each land cover types including potential aquatic resources. Historical aerial imagery in Google Earth (2019) was used to acquire images from winter and spring months to identify areas of ponding and vegetation signatures indicative of a transition between upland and wetland vegetation. Topographic data available for the Sites project area was also used to assess for topographic depressions and areas where wetlands are likely to occur (e.g., low spots and valleys). The topographic data used at this time was a combination of LIDAR data and digital elevation models, where LIDAR data was not available. All digitized land cover and aquatic resources were reviewed by a senior wetland specialist/botanist. In general, the minimum mapping unit used was 2 acres. The land cover types identified in the project area are listed below in Table 1. The land cover terminology used was not based on any specific source but rather was kept general due to a lack of specific on the ground information to further classify the land cover types by dominant vegetation.

Table 1 Land Cover in the Sites Project Area

Land Cover	Acres
Annual Grassland	18,352
Blue Oak Woodland	855
Canal	124
Ephemeral Stream	2
Freshwater Marsh	113
Intermittent Stream	219
Managed Wetland	30
Orchard	497
Ornamental Woodland	12
Pond	67
Reservoir	224
Rice	1393
Riverine	15
Row Crops	821
Seasonal Wetland	134
Urban/Disturbed	480
Valley Foothill Riparian	53

BA Land Cover Types	EIR/S Terrestrial Species Analysis (primary study area)
Annual Grassland	Annual Grassland
Blue Oak Woodland	Blue Oak Woodland
N/A	Chamise-Redshank Chaparral, Mixed Chaparral
Orchard, Rice, Row Crops	Deciduous Orchards, Dryland Grain and Seed Crops, Irrigated Row and Field Crops, Pasture, Rice
Valley Foothill Riparian	Valley Foothill Riparian
Canal, Reservoir, Riverine	Lacustrine, Canal, Riverine
Pond	N/A
Urban/Disturbed	Urban, Barren, Urban/Disturbed
Valley Foothill Riparian	Valley Foothill Riparian
?	Valley Oak Woodland
Ephemeral Stream	N/A
Freshwater Marsh	Fresh Emergent Wetland
Intermittent Stream	N/A
Managed Wetland	N/A
Ornamental Woodland	Eucalyptus (?)
Seasonal Wetland	N/A