



**Marcus H. Bole & Associates**  
*An Environmental Consulting Firm*

May 15, 2015

TLA Engineering & Planning  
Attn: Brad Shirhall  
1504 Eureka Road, Suite 110  
Roseville, CA 95661

**WETLAND DETERMINATION AND BIOLOCAL RESOURCES EVALUATION  
REVIEW FOR THE PACIFIC STREET HOUSING PROJECT LOCATED AT 4545  
PACIFIC STREET, ROCKLIN, CA. MHBA FILE 0508-2015-3383.**

**INTRODUCTION**

On May 13, 2015, a CEQA/NEPA-level Wetland Determination and Biological Resources Evaluation was conducted on a seven-acre project site located along Pacific Street in Rocklin, California. The project site located on the U.S. Geological survey (USGS) Rocklin 7.5-minute topographic quadrangle, Section 17, Township 11 North, Range 7 East, located east of the intersection of Grove Street and Pacific Street, Rocklin, California. (Figure 1). The project site is within Placer County Assessor parcel numbers (APNs) 045-031-001 through -005, and 045-031-047. Elevation of the property is 282 feet in relatively flat terrain. The site is bounded on all sides by residential properties.

A records search was completed of the United States Fish & Wildlife Service's *Federal Endangered and Threatened Species List* (NEPA) and the *California Natural Diversity Database* (CEQA) for the Rocklin 7 ½ minute quadrangle (attached). These documents list plants and wildlife that have Federal, State and California Native Plant Society (CNPS) special status. The records revealed several plant and wildlife species with a potential to occur onsite. Due to the disturbed nature of the site and the lack of any natural habitat on or near the site, there is no potential for any of the species identified by the USFWS or California Department of Fish & Wildlife to use the project site.

Using the methodologies described in the *1987 Wetland Delineation Manual*, Marcus H. Bole & Associates found no federal jurisdictional wetland habitats within the boundaries of the subject property. Site soils were identified as Andregg coarse sandy loam, 2 to 9 percent slopes. Soil pits were dug in representative areas of the site. All soils were identified as upland soils (Chroma of 10YR 4/4 and 10YR 4/3) with no hydric soil indicators. Plant species were identified as upland grasses and forbs.

**POTENTIAL PROJECT IMPACTS**

Site development will not result in impacts to listed federal or state plant or wildlife species or wetland habitats. Impacts to common vegetation and wildlife habitats are as follows:

***Project implementation may result in impacts to common wildlife habitat***

Project implementation will result in alterations (removal) of non-native grasses and forbs. The site supports a few small to medium diameter oak trees that are subject to mitigation in accordance with City of Rocklin oak tree ordinances. Non-native grassland habitats are regionally widespread, and the common wildlife species utilizing these habitats would likely be displaced to nearby offsite habitats and therefore not adversely affected by the project. This impact would be considered less than significant. The development of this site will not interfere with the movement of any native resident or migratory fish or wildlife species, or result in impacts to established native resident or migratory wildlife corridors. The project will not affect the use of native wildlife nursery sites.

**Special-Status Species**

Special-status species were considered for this analysis based on prior surveys conducted within the immediate area of the project site, a review of the *California Natural Diversity Database* (CNDDB), United States Fish & Wildlife (USFWS) databases, and CNPS literature. Based on the specific habitat characteristics of subject property, no listed or special status plant or wildlife species will be impacted by this project.

**FINDINGS AND RECOMMENDATIONS**

**Findings:**

1) No potential biological or wetland constraints were identified for this site. The site does not support sensitive habitats associated with special status plant or wildlife species. There are no wetlands or riparian habitats on or near the subject property.

**Recommendations:**

1) No further biological or wetland surveys are recommended at this time.

This concludes our wetland determination and biological resources review of the Pacific Street Housing Project located along Pacific Street, Rocklin, California. If you have any questions concerning our findings or recommendations please feel free to contact me directly at: Marcus H. Bole & Associates, Attn: Marcus Bole, 104 Brock Drive, Wheatland, CA 95692, phone 530-633-0117, fax 530-633-0119, email: [mbole@aol.com](mailto:mbole@aol.com).

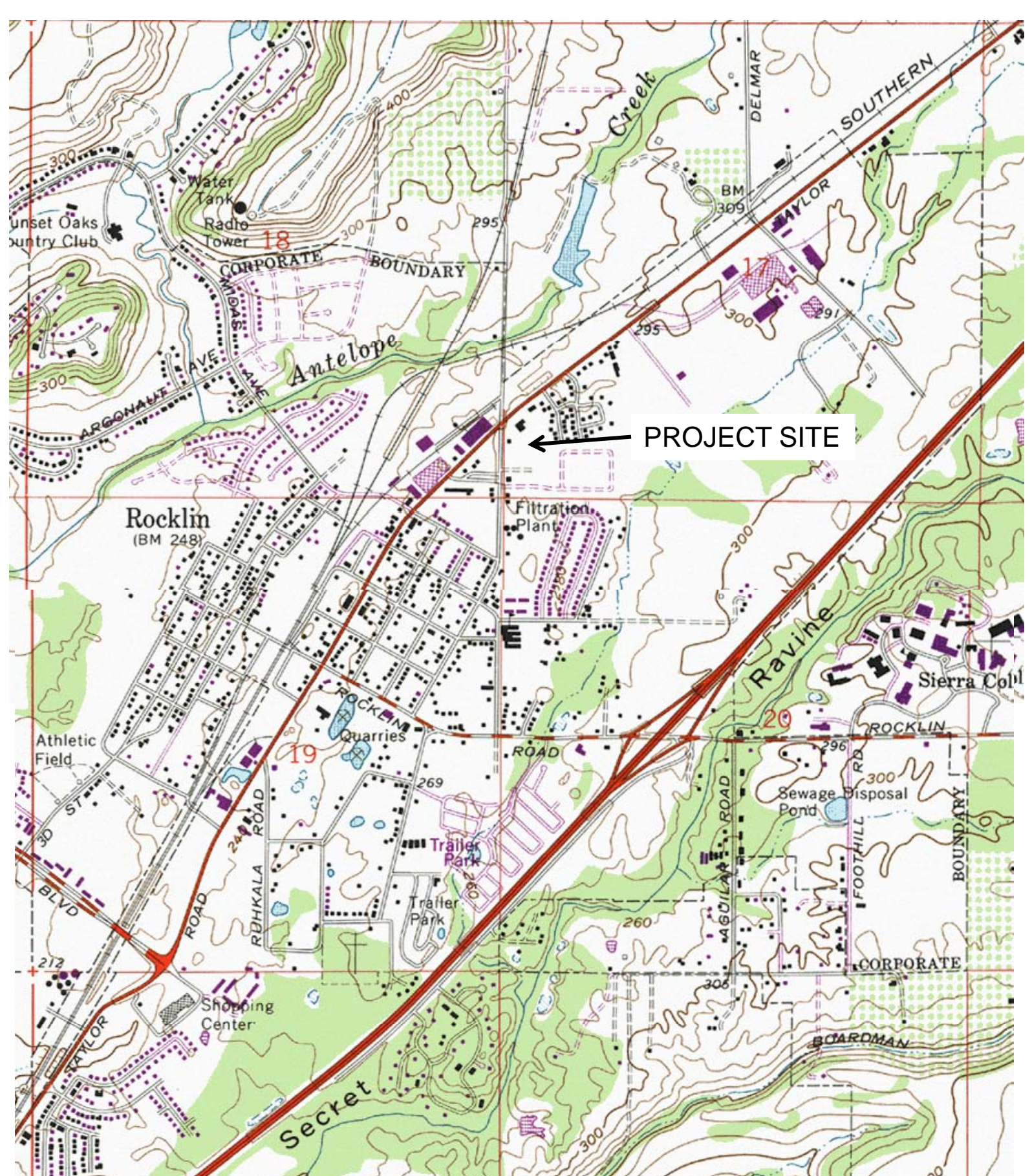
Respectfully Submitted:



Marcus H. Bole, Principal  
Senior Wetland Biologist

Attached:

Figure 1, Site Location Map  
Sensitive Plant & Wildlife Data Base  
Photo Plate 1



Project Vicinity Map: Pacific Street Housing Project located east of the intersection of Grove Street and Pacific Street, Rocklin, CA. Section 17, Township 11 N, Range 7 E, M.D.B. & M. Rocklin USGS.

California Department of Fish and Game  
 Natural Diversity Database  
 CNDDDB Wide Tabular Report

Name (Scientific/Common)	CNDDDB Ranks	Other Lists	Listing Status	Total EO's	Element Occ Ranks						Population Status		Presence		
					A	B	C	D	X	U	Historic >20 yr	Recent <=20 yr	Pres. Extant	Poss. Extirp.	Extirp.
<i>Branchinecta lynchi</i> vernal pool fairy shrimp	G3 S2S3	CDFG:	Fed: Threatened Cal: None	744 S:2	0	1	0	0	1	0	0	2	1	0	1
<i>Clarkia biloba ssp. brandegeeeae</i> Brandegee's clarkia	G4G5T4 S4	CNPS: 4.2	Fed: None Cal: None	89 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Desmocerus californicus dimorphus</i> valley elderberry longhorn beetle	G3T2 S2	CDFG:	Fed: Threatened Cal: None	216 S:3	2	0	0	1	0	0	3	0	3	0	0
<i>Elanus leucurus</i> white-tailed kite	G5 S3S4	CDFG:	Fed: None Cal: None	158 S:1	0	1	0	0	0	0	0	1	1	0	0
<i>Gratiola heterosepala</i> Boggs Lake hedge-hyssop	G2 S2	CNPS: 1B.2	Fed: None Cal: Endangered	94 S:1	0	0	1	0	0	0	1	0	1	0	0
<i>Laterallus jamaicensis coturniculus</i> California black rail	G3G4T1 S1	CDFG:	Fed: None Cal: Threatened	241 S:1	1	0	0	0	0	0	0	1	1	0	0
<i>Linderiella occidentalis</i> California linderiella	G2G3 S2S3	CDFG:	Fed: None Cal: None	413 S:1	0	0	0	0	0	1	0	1	1	0	0
<i>Northern Volcanic Mud Flow Vernal Pool</i>	G1 S1.1		Fed: None Cal: None	7 S:3	0	0	0	0	0	3	3	0	3	0	0
<i>Oncorhynchus mykiss irideus</i> steelhead - Central Valley DPS	G5T2Q S2	CDFG:	Fed: Threatened Cal: None	31 S:1	0	0	0	1	0	0	0	1	1	0	0
<i>Pandion haliaetus</i> osprey	G5 S4	CDFG:	Fed: None Cal: None	482 S:1	0	0	1	0	0	0	0	1	1	0	0
<i>Progne subis</i> purple martin	G5 S3	CDFG: SC	Fed: None Cal: None	61 S:1	0	1	0	0	0	0	0	1	1	0	0



**MARCUS H. BOLE & ASSOCIATES**  
104 Brock Drive, Wheatland, CA 95692  
(530) 633-0117, email: mbole@aol.com

**SITE: Pacific Street Housing Project**  
**ITEM: Typical View, Non-Native Grasslands**  
**DATE: 5/14/2015** **PLATE: 1**