

VALLEY- IVYGLEN SUBTRANSMISSION LINE PROJECT 2011 FOCUSED SURVEYS FOR LEAST BELL'S VIREO, SOUTHWESTERN WILLOW FLYCATCHER, AND WESTERN YELLOW-BILLED CUCKOO



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1.0 INTRODUCTION

This report presents the findings of focused surveys for the Least Bell's Vireo (*Vireo belli pusillus*), Southwestern Willow Flycatcher (*Empidonax traillii extimus*), and Western Yellowbilled Cuckoo (*Coccyxz americana occidentalis*) at suitable habitat patches along Phase II and portions of Phase I of the Valley-Ivyglen Subtransmission Line (VIG) Project (see Map 1).

1.1 **Project Description**

The proposed VIG Project involves the construction of a new 115kV subtransmission line which will connect the Valley Substation to the Ivyglen Substation. This subtransmission line will be installed within an existing right-of-way (ROW) where available, and within new ROWs where none have been established. The Valley Substation is located in the southwest corner of an unincorporated area known as Romoland, adjacent to the City of Perris. The Ivyglen Substation is located in the southeastern portion of unincorporated Corona, along Temescal Canyon Road near Glen Ivy Hot Springs. The Ivyglen Substation is approximately 19 miles west of the Valley Substation.

The VIG Project will be processed and built in two phases (Figure 1). Phase I is approximately 12 miles long and is proposed for construction in late 2011. Phase II (approximately 13 miles) is still in the planning phase and will not be constructed for several years. The findings presented in this report are associated with Phase II only. The portions of the Phase II ROW that support suitable habitat for the sensitive riparian bird species traverse portions of the *Lake Elsinore, California, Alberhill, California*, and *Lake Mathews, California* United States Geological Survey (USGS) 7.5-minute series topographic quadrangles. Portions of this alignment were also surveyed for sensitive riparian birds in 2007 and 2010 (AMEC 2007; AMEC 2010).

The Project is located within the Western Riverside County Multiple Species Conservation Plan (MSHCP or Plan) area. The MSHCP is a comprehensive, multi-jurisdictional plan focusing on the conservation of species and their associated habitats in western Riverside County. SCE will be acquiring Project coverage under the MSHCP as a Participating Special Entity (PSE) with the Regional Conservation Authority (RCA) providing the MSHCP consistency review. The surveys presented in this report were performed to satisfy requirements of the MSHCP (Riverside County 2003).



1.2 Species Information

1.2.1 Least Bell's Vireo

Least Bell's Vireo (LBV) is a small, migratory, insectivorous bird which occurs in willowdominated riparian habitats. Although this bird is drab in plumage (see title page photo -Hostettler Road survey area [16 May 2011]) and can be secretive within its densely vegetated habitat, males are easy to detect on the breeding grounds due to their conspicuous, diagnostic, and frequently given song. Nesting habitat of this species is restricted to willow and/or mulefat dominated riparian scrub along permanent or nearly permanent streams (Grinnell and Miller 1944, Goldwasser 1978, Franzreb 1987, Garrett and Dunn 1981).

Least Bell's Vireos were formerly widespread and common throughout low-lying riparian habitats of central and southern California, but are now restricted primarily to a limited number of locations in southern California. Habitat reduction has contributed to the species' significant population declines. Nest parasitism by Brown-headed Cowbirds (*Molothrus ater*) has also seriously impacted reproductive success by Least Bell's Vireo, as well as many other species which build cup nests (Goldwasser 1978). Populations are recovering as a result of habitat restoration and cowbird control efforts. Least Bell's Vireo is listed as Endangered by the California Department of Fish and Game (CDFG) and by the U.S. Fish and Wildlife Service (USFWS). A final determination of critical habitat was made in 1994 (USFWS 1994).

1.2.2 Southwestern Willow Flycatcher

The Southwestern Willow Flycatcher (SWF) is a small, brownish flycatcher that was formerly considered a common summer resident in southern California's lowland willow thickets and in low elevation mountain canyons (Garrett and Dunn 1981). The large-scale invasion of southern California by Brown-headed Cowbirds in the 1920s and the loss of willow riparian habitat, has caused the bird to be on the verge of extirpation in southern California. The Willow Flycatcher was listed by the State of California as endangered in 1990. The subspecies *E. t. extimus* (Southwestern Willow Flycatcher) is listed as Endangered by the U.S. Fish and Wildlife Service (USFWS). A final determination of critical habitat was made in October 2005 (USFWS 2005).

Surveys have revealed populations along the Santa Margarita and San Luis Rey rivers in San Diego County, in the San Bernardino Mountains and along the Mojave River in San Bernardino County, the Santa Ynez River in Santa Barbara County, the Santa Clara River in Los Angeles and Ventura counties, the South Fork of the Kern River in Kern County (Unitt 1987, Marshall 2000), and San Timoteo Creek in western Riverside County (R. McKernan, San Bernardino County Museum: pers. comm.). This subspecies also persists in the Lower Colorado River Valley (Marshall 2000, R. McKernan, San Bernardino County Museum, pers. comm.). Unlike LBVs, SWF populations do not appear to have gained any significant benefit from habitat restoration and cowbird control efforts.



The Southwestern Willow Flycatcher breeds in dense riparian habitats near surface water or saturated soil. Plant composition and structure of occupied sites varies greatly depending on the site, but willows often make up much of the understory. Populations along the Colorado River are known to use thickets dominated by both native and nonnative plants (especially salt-cedar [*Tamarix* spp.]). Dense patches of understory vegetation are a critical component of occupied habitat (Sogge *et al.* 2010).

1.2.3 Western Yellow-billed Cuckoo

The Western Yellow-billed Cuckoo (WYBC) is an extremely rare bird in California, with less than 50 pairs found during a statewide survey in 1986-1987. Most of California's Yellow-billed Cuckoos are found in two areas: along the Sacramento River between Red Bluff and Colusa, and along the South Fork Kern River near Weldon (Laymon 1998). Western Yellow-billed Cuckoo was listed as Endangered by the State of California in 1988.

Western Yellow-billed Cuckoos are long distance migrants and return to California from their South American wintering areas in late May and June. Occupied riparian forests are usually larger than 25 acres. Detection of Western Yellow-billed Cuckoos is difficult, as they have large home ranges in dense willow and cottonwood forests and call infrequently. Recorded playback of the species' calls is the recommended method for conducting surveys.





2.0 METHODS

All of the survey areas (below) were surveyed for LBV and SWF. The habitat structure and/or extent at some of the sites are not suitable for nesting WYBCs. Surveys for the WYBC were conducted at Baker Street, Nichols Road, Lake Street, and Hostettler Road, the only sites with suitable habitat.

In accordance with the currently accepted survey protocol for the Least Bell's Vireo (USFWS 2001), each site was surveyed at least eight times by AMEC Earth and Environment and Infrastructure (AMEC) biologists. The LBV protocol requires surveys to be conducted at least 10 days apart between 10 April and 31 July. The SWF protocol requires five surveys, and that the first survey be performed from 15 May to 31 May, the next two surveys from 1 June to 24 June, and the final two surveys between 25 June and 17 July (Sogge et al. 2010). The SWF surveys were performed concurrently with LBV surveys.

Surveys consisted of slowly moving through the habitat while listening for the songs and calls of the target species. During the SWF surveys, recordings of their vocalizations were broadcast every 20-30 meters, as required by protocol. During WYBC surveys, territorial calls ("Kowlp" calls) were broadcast every 100 meters, with the calls being repeated 5 times at one minute intervals. All bird species detected during the surveys were recorded in field notes.

Surveys were performed by Chet McGaugh (federal Endangered Species Permit TE836517-6), Stephen J. Myers (TE804203-9), and John F. Green (TE054011-2). Tables 1A through 1E summarize the surveys, and Maps 2a through 2k and 3a through 3c, show the survey areas.

2.1 Survey Areas

Areas considered to contain suitable habitat along the western portion of the proposed project route are:

- Baker Street Survey Area: Temescal Wash, near Riverside Drive and Baker Street approximate UTM at south end of survey area: Zone 11, 468250E, 3727250N (WGS84); approximate UTM at north end of survey area: Zone 11, 467100E, 3728700N (WGS84). These points occur on lands mapped on the USGS 7.5 minute *Lake Elsinore, Calif.* quadrangle (see Maps 2c,2d, and 3b).
 - This area contains well developed riparian forest, woodland, and scrub dominated by willows (*Salix* spp.), Mulefat (*Baccharis salicifolia*), and occasional Fremont Cottonwoods (*Populus fremontii*). Open ponds are also present, and are surrounded by freshwater marsh. One pond along Baker Street is completely covered with Water Hyacinth (*Eichhornia crassipes*). Temescal Wash in this area contained surface water during the entire survey season.



- Nichols Road Survey Area: Temescal Wash, near Nichols Road_approximate UTM oat south end of survey area: Zone 11, 467600E, 3728400N (WGS84); approximate UTM at north end of survey area: 466500E, 3729700N (WGS84). These points occur on lands mapped on the USGS 7.5 minute *Lake Elsinore, Calif.* quadrangle (see Maps 2c, 2d, and 3b).
 - The habitat in this survey area is a continuation of that of Baker Street. Proceeding north along Temescal Wash, the habitat becomes somewhat more fragmented, and there is a larger proportion of low, scrubby, willow habitat. Stringers of willow scrub and woodland are separated from one another in this area by large stands of freshwater marsh; a few open ponds are also present. The stream in Temescal Wash flowed throughout this reach during the entire survey season.
- Lake Street Survey Area: Temescal Wash, near Lake Street approximate UTM at east end of survey area: Zone 11, 463800E, 3732000N (WGS84); approximate UTM at west end of survey area: Zone 11, 462770E, 3732300N (WGS84). These points occur on lands mapped on the USGS 7.5 minute *Alberhill, Calif.* and *Lake Elsinore, Calif.* quadrangles respectively (see Maps 2e, 2f and 3b).
 - Temescal Wash in the area of Lake Street is lined with a mixture of native and nonnative vegetation. Gum trees (*Eucalyptus* spp.) are dominant, with intermittent thickets of willows and scattered Fremont Cottonwoods. Surface water was perennial in portions of this area, but intermittent in others. In 2011, the survey area of 2010 was enlarged by the addition of habitat east of Lake Street (Maps 2e and 3b), while disjunct habitat patches ("outliers") surveyed in the Lake Street Survey Area in 2010 were surveyed in the newly established Outliers Survey Area in 2011.
- Hostettler Road Survey Area: Temescal Wash, near Hostettler Road, approximate UTM at east end of survey area: Zone 11, 462750E, 3732300N (WGS84); approximate UTM at west end of survey area: Zone 11, 461300E, 3732800N (WGS84). These points occur on lands mapped on the USGS 7.5 minute *Alberhill, Calif.* quadrangle (see Maps 2g and 3b).
 - This area is along Temescal Wash, and is downstream and nearly contiguous with the Lake Street area. Some *Eucalyptus* occurs, but most of the vegetation is native willows, cottonwoods, and Coast Live Oaks (*Quercus agrifolia*). The creek was flowing throughout the survey period. In 2011, disjunct habitat patches ("outliers") surveyed in the Hostettler Road Survey Area in 2010 were surveyed in the newly established Outliers Survey Area in 2011.

In 2011, ten (10) disjunct habitat patches, comprising one survey day, were named "Outliers Survey Areas;" some of these areas were surveyed as part of Hostettler Road Survey Area and Lake Street Survey Areas in 2010. Small habitat patches along Highway 74 were added to the survey effort in 2011 (see Maps 2a, 2b, and 3a).



Peach Street Outlier consists of two habitat patches bissected by Highway 74: approximate UTM at east end of survey area: Zone 11, 463800E, 3732000N (WGS84); approximate UTM at west end of survey area: Zone 11, 462770E, 3732300N (WGS84). These points occur on lands mapped on the USGS 7.5 minute Alberhill, Calif. and Lake Elsinore, Calif. quadrangles respectively (see Maps 2a and 3a).

The two habitat patches consist of tall (up to 40 feet) as well as shrubby willows (*Salix laviegata, S. gooddingii*), and a few *Eucalyptus*.

Wasson Canyon Outlier consists of two habitat patches bissected by Highway 74: approximate UTM at east end of survey area: Zone 11, 463800E, 3732000N (WGS84); approximate UTM at west end of survey area: Zone 11, 462770E, 3732300N (WGS84). These points occur on lands mapped on the USGS 7.5 minute Alberhill, Calif. and Lake Elsinore, Calif. quadrangles respectively (see Maps 2a and 3a).

The riparian patch north of the highway contains willows, a few Fremont Cottonwoods and a good understory. To the north are tall eucalyptus. South of the highway, the habitat contains willows, Peruvian Peppers (*Shinus molle*) and several *Eucalyptus*.

Rosetta Outlier is a habitat patch southeast of Highway 74): approximate UTM at east end of survey area: Zone 11, 463800E, 3732000N (WGS84); approximate UTM at west end of survey area: Zone 11, 462770E, 3732300N (WGS84). These points occur on lands mapped on the USGS 7.5 minute Alberhill, Calif. and Lake Elsinore, Calif. quadrangles respectively (see Maps 2b and 3a).

Riparian habitat consists of shrubby willows and a few large Eucalyptus.

Indian Truck Trail Outlier is a habitat patch southeast of Interstate 15 (Map 2i): approximate UTM at east end of survey area: Zone 11, 463800E, 3732000N (WGS84); approximate UTM at west end of survey area: Zone 11, 462770E, 3732300N (WGS84). These points occur on lands mapped on the USGS 7.5 minute Alberhill, Calif. Quadrangle (see Maps 2i and 3c).

Riparian habitat at the end of the I-15 freeway off-ramp consists of willows and Fremont Cottonwoods, and a small Coast Live Oak.

De Palma Outlier is a small riparian patch south of De Palma Road, approximately 0.3 mile south of Corona Lake; approximate UTM near the center of survey area: Zone 11, 459200E, 3733600N (WGS84). This point occurs on land mapped on the USGS 7.5 minute *Alberhill, Calif.* quadrangle (see Maps 2h and 3c).

This small patch of riparian scrub (willows and Mulefat) is adjacent to extensive oak woodlands, which lie to the southwest. No surface water or saturation was visible at this site.



Old Road Outliers are riparian patches east and west of Temescal Canyon Road, approximately 0.3 mile northwest of Corona Lakes; approximate UTM near the center of the survey area: Zone 11, 457900E, 3735000N (WGS84). This point occurs on land mapped on the USGS 7.5 minute *Lake Mathews, Calif.* quadrangle(see Maps 2j and 3c).

At this site, an old strip of former asphalt roadway is lined with scattered willows, cottonwoods, and Mulefat. No surface water is present. Sometime during June of 2010, bulldozing of adjacent uplands removed some of the scrubby willows and Mulefat.

El Hermano Outlier is a riparian patch southwest of Temescal Canyon Road, approximately 0.2 mile southwest of El Hermano Road: approximate UTM of survey area: Zone 11, 457250E, 37355000N (WGS84). This point occurs on land mapped on the USGS 7.5 minute *Lake Mathews, Calif.* quadrangle (see Maps 2j and 3c).

A small patch of shrubby willows and Mulefat occurs at this site. The site had some surface water during the entire survey season. A grove of large gum trees is adjacent to the east of the riparian scrub.

Temescal Wash Outlier is approximately 0.3 mile northwest of El Hermano Road and northeast of Temescal Canyon Road): approximate UTM of survey area: Zone 11, 456950E, 3735980N (WGS84). This point occurs on land mapped on the USGS 7.5 minute *Lake Mathews, Calif.* quadrangle (see Maps 2k and 3c)

This survey area consisted of a short reach of Temescal Wash. The vegetation consists of a relatively narrow strip of willow woodland and scrub. The stream flowed throughout the survey season.

The Yard Outlier is a small riparian patch southwest of Temescal Canyon Road, approximately 0.25 mile west of El Hermano Road: approximate UTM of survey area: Zone 11, 457700E, 3735120N (WGS84). This point occurs on land mapped on the USGS 7.5 minute *Lake Mathews, Calif.* quadrangle (see Maps 2j and 3c).

A patch of shrubby willows and Mulefat occurs at this site. The site had some surface water during the entire survey season.

The Basin Outlier riparian patch is in a detention basin southwest of Temescal Canyon Road, just south of its intersection with Campbell Ranch Road: approximate UTM at center of survey area: Zone 11, 456100E, 3735680N (WGS84). This point occurs on land mapped on the USGS 7.5 minute *Lake Mathews, Calif.* quadrangle (see Maps 2k and 3c).

This patch of approximately one acre of scrubby willow, Mulefat, and Salt-Cedar (*Tamarix ramosissima*) is within a detention basin. The Salt-Cedar occurs primarily around the perimeter of the basin, with dense willow scrub occurring in the center of the basin. No surface water or saturation was visible during the surveys.



| Date | Observer | Observer Target Time Time | | Temp. (°F) | Wind (mph) | Sky (% cover) |
|----------------------|-----------------------|---------------------------|-----------|---------------|---------------|---------------|
| 10 April | Chet McGaugh | LBV | 0645-1005 | 35-55 | 0 | 0 |
| 20 April | Chet McGaugh | LBV | 0645-1005 | 58-59 | 0 | 0 |
| 2 May | Chet McGaugh | LBV | 0635-0940 | 47-75 | 0 | 0 |
| 12 May | John F. Green | LBV | 0715-1015 | 57-74 | 0-3 | 0 |
| 24 May | Stephen J. Myers | LBV, SWF | 0630-1050 | 53-67 | 0 | 20 |
| 7 June | John F. Green | LBV, SWF | 0650-1105 | 62-83 | 0-5 | 0-20 |
| 20 June | 20 June Chet. McGaugh | | 0645-1010 | 70-85 | 0 | 0 |
| 30 June | Chet McGaugh | LBV, SWF | 0630-1030 | 59-83 | 0 | 100-0 |
| 12 July Chet McGaugh | | SWF, WYBC | 0620-1000 | 63-74 | 0 | 100-0 |
| 27 July | Chet McGaugh | WYBC | 0625-1000 | 65-80 | 0 | 0 |
| 10 August | John F. Green | WYBC | 0725-1040 | 61-80 | 0-1 | 100-0 |

Table 1A.LBV/SWF/WYBC Surveys: "Baker Street Survey Area"

Table 1B.LBV/SWF/WYBC Surveys: "Nichols Road Survey Area"

| Date | Observer | Target Species | Time | Temp. (°F) | Wind (mph) | Sky (% cover) |
|-----------|--------------------------|----------------------|-----------|---------------|---------------|---------------|
| 11 April | Chet McGaugh | LBV | 0655-1140 | 44-68 | 0 | 70-95 |
| 21 April | Chet McGaugh | LBV | 0650-1040 | 56-65 | 0-2 | 100 |
| 5 May | John F. Green | LBV | 0650-1110 | 57-76 | 0-3 | 0 |
| 21 May | Chet McGaugh | LBV, SWF | 0725-1010 | 60-74 | 0 | 100-85 |
| 6 June | 6 June Stephen J. Myers | | 0635-1100 | 48-72 | 0 | 20-80 |
| 16 June | 16 June Stephen J. Myers | | 0620-1055 | 59-76 | 0 | 100-20 |
| 30 June | Stephen J. Myers | LBV, SWF | 0640-1020 | 59-78 | 0 | 0 |
| 11 July | John F. Green | LBV, SWF, WYBC | 0610-0950 | 64-73 | 0-2 | 100-haze |
| 26 July | Stephen J. Myers | WYBC | 0700-1010 | 66-88 | 0 | 0 |
| 10 August | Chet McGaugh | WYBC | 0650-0945 | 61-76 | 0 | 100-0 |



| Date | Unserver 5 I lime 1 | | Temp. (°F) | Wind (mph) | Sky (% cover) | |
|----------|---------------------------------------|----------------------|---------------|---------------|---------------|-------|
| 14 April | April Chet McGaugh | | 0700-1005 | 45-64 | 0 | 0 |
| 2 May | John F. Green | LBV | 0650-1015 | 49-83 | 0-5 | 0 |
| 13 May | Chet McGaugh | LBV | 0630-1010 | 54-76 | 0 | 0 |
| 25 May | Chet McGaugh | LBV, SWF | 0635-0950 | 58-74 | 0 | 0 |
| 7 June | 7 JuneChet McGaugh21 JuneChet McGaugh | | 0650-0945 | 58-60 | 0-3 | 0 |
| 21 June | | | 0645-1050 | 72-85 | 0 | 0 |
| 1 July | Chet McGaugh | LBV, SWF, YBCU | 0650-1030 | 64-89 | 0 | 0 |
| 12 July | Stephen J. Myers | LBV, SWF, YBCU | 0635-1020 | 64-76 | 0-2 | 100-0 |
| 26 July | John F. Green | YBCU | 0625-0930 | 69-82 | 0 | haze |
| 9 August | Chet McGaugh | YBCU | 0700-1020 | 65-78 | 0 | 100-0 |

Table 1C.LBV/SWF/WYBC Surveys: "Lake Street Survey Area"

Table 1D.LBV/SWF/WYBC Surveys: "Hostettler Road Survey Area"

| Date | Observer | Target Species | Time | Temp. (°F) | Wind (mph) | Sky (% cover) |
|--------------------|--------------------------|----------------------|-----------|---------------|---------------|---------------|
| 15 April | John F. Green | LBV | 0745-1000 | 56-69 | 0-2 | 10-0 |
| 3 May | Chet McGaugh | LBV | 0630-0950 | 54-78 | 0 | 0 |
| 16 May | Chet McGaugh | LBV, SWF | 0635-1000 | 52-61 | 0 | 40 |
| 2 June | 2 June Stephen J. Myers | | 0740-1040 | 59-73 | 0-3 | 0 |
| 13 June | 13 June Stephen J. Myers | | 0710-1055 | 59-74 | 0-2 | 100-0 |
| 29 June | Stephen J. Myers | LBV, SWF, WYBC | 0655-1030 | 62-76 | 0-5 | 100-0 |
| 11 July | Stephen J. Myers | LBV, SWF, WYBC | 0720-1030 | 64-77 | 0 | 0 |
| 25 July C. McGaugh | | LBV, WYBC | 0625-0930 | 69-82 | 0 | haze |
| 8 August | C. McGaugh | WYBC | 0605-0940 | 62-82 | 0 | 0 |



| Table 1E. | | | | | |
|---|--|--|--|--|--|
| LBV/SWF/WYBC Surveys: "Outliers Survey Areas" | | | | | |

| Date | Observer | Target Species | Time | Temp. (°F) | Wind (mph) | Sky (% cover) |
|----------------------|---------------------------------------|-------------------|-----------|---------------|---------------|---------------|
| 13 April | John F. Green | LBV | 0700-1000 | 60 | 0-2 | 15-80 |
| 6 May | Chet McGaugh | LBV | 0655-1055 | 57-81 | 0 | 0 |
| 17 May | 17 May Chet McGaugh | | 0625-0900 | | | Rain* |
| 24 May | 24 May Chet McGaugh | | 0620-1045 | 46-71 | 0 | 0 |
| 6 June | 6 JuneChet McGaugh17 JuneChet McGaugh | | 0615-1010 | 55-70 | 0 | 10-20 |
| 17 June | | | 0630-1130 | 62-75 | 0 | 100 |
| 28 June | 28 June Chet McGaugh | | 0645-1115 | 63-88 | 0-3 | 0 |
| 14 July Chet McGaugh | | LBV, SWF | 0625-1000 | 65-70 | 0 | 100, drizzle |
| 20 July | John F. Green | LBV | 0635-0900 | 64-81 | 1-2 | 0 |

* survey postponed





3.0 RESULTS

3.1 Critical Habitat

The project area is not within designated Critical Habitat for either the Least Bell's Vireo or Southwestern Willow Flycatcher.

3.2 Survey Results

One hundred and twenty (120) bird species were detected during the focused surveys. Among the most frequently detected species were the following birds that are typical of lowland riparian habitats in southern California: Mourning Dove (*Zenaida macroura*), Black-chinned Hummingbird (*Archilochus alexandri*), Nuttall's Woodpecker (*Picoides nuttallii*), Black Phoebe (*Sayornis nigricans*), Bushtit (*Psaltriparus minimus*), House Wren (*Troglodytes aedon*), Yellow Warbler (*Setophagapetechia*), Common Yellowthroat (*Geothlypis trichas*), Song Sparrow (*Melospiza melodia*), and Lesser Goldfinch (*Spinus psaltria*).

3.2.1 Southwestern Willow Flycatcher

No Southwestern Willow Flycatchers were detected at any of the survey areas. On 7 June, a single, vocal Willow Flycatcher was in the Lake Street survey area. This date is within the normal period of fall migration of the species in southern California, and the bird was not found on subsequent spring surveys. Therefore, AMEC concludes that this bird was a migrant of a more northerly subspecies, and not a Southwestern Willow Flycatcher (subspecies *E.t. extimus*).

The USFWS requires that "Willow Flycatcher Survey and Detection Forms" be completed; these forms are included as Appendix B.

3.2.2 Least Bell's Vireo

Least Bell's Vireos were detected more or less continuously from the "Baker Street" survey area to the "Hostettler Road" survey area (see Maps 2c through 2g and 3b). The precise number of territories throughout this reach is not possible to ascertain within the constraints of presence/absence survey protocols, but an estimate of 10 - 15 territories, based on mapped occurrences, seems reasonable. Least Bell's Vireos were not detected at any of the Outliers survey areas.

3.2.3 Western Yellow-billed Cuckoo

No Western Yellow-billed Cuckoos were detected at any of the survey areas. These results are consistent with AMEC's previous surveys in 2007 and 2010. Appendix C contains Yellow-billed Cuckoo Survey Data Forms.





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APPENDIX A

BIRD SPECIES LIST





Appendix A Bird Species List

This list reports only bird species or their sign which were observed along the project alignment during 2011I focused bird surveys. Nomenclature and taxonomy for birds observed on site generally follows the American Ornithologists' Union Checklist (1998) and its supplements.

SYMBOLS AND ABBREVIATIONS:

* Sensitive species (State or Federally Listed as Threatened or Endangered, or a CDFG Species of Special Concern / Watch List Species, or a USFWS Bird of Conservation Concern)

| BIRDS | AVES |
|---------------------------|---------------------------|
| Swans, Geese, and Ducks | Anatidae |
| Wood Duck | Aix sponsa |
| Gadwall | Anas strepera |
| Mallard | Anas platyrhynchos |
| Blue-winged Teal | Anas discor |
| Cinnamon Teal | Anas cyanoptera |
| *Redhead | Aythya americana |
| Ruddy Duck | Oxyura jamaicensis |
| New World Quail | Odontophoridae |
| California Quail | Callipepla californica |
| Grebes | Podicipedidae |
| Pied-billed Grebe | Podilymbus podiceps |
| Phalacrocoradidae | Darters |
| *Double-crested Cormorant | Phalacrocorax auritus |
| Pelecanidae | Pelicans |
| American White Pelican | Pelecanus erythrorhynchos |
| Bitterns and Herons | Ardeidae |
| American Bittern | Botaurus lentiginosus |
| Great Blue Heron | Ardea herodias |
| Great Egret | Ardea alba |
| Snowy Egret | Egretta thula |
| Cattle Egret | Bubulcus ibis |
| Green Heron | Butorides virescens |
| Black-crowned Night-Heron | Nycticorax nycticorax |
| Threskiornithidae | Ibises and Spoonbills |
| White-faced Ibis | Plegadis chihi |



New World Vultures

Turkey Vulture

Hawks, Kites, Eagles *Northern Harrier? *Cooper's Hawk Red-shouldered Hawk Swainson's Hawk Red-tailed Hawk

Falcons American Kestrel

Rallidae

Virginia Rail Common Gallinule American Coot

Plovers and Lapwings Killdeer

Recurvirostridae Black-necked Stilt American Avocet

Sandpipers, Phalaropes, and Allies

Spotted Sandpiper Solitary Sandpiper Greater Yellowlegs Western Sandpiper Least Sandpiper Long-billed Dowitcher Wilson's Snipe Wilson's Phalarope

Laridae

Ring-billed Gull California Gull *Caspian Tern

Pigeons and Doves

Rock Pigeon (nonnative) Band-tailed Pigeon Eurasian Collared-Dove (nonnative) Mourning Dove Common Ground-Dove Cathartidae Cathartes aura

Accipitridae Circus cyaneus Accipiter cooperii Buteo lineatus Buteo swainsoni Buteo jamaicensis

Falconidae Falco sparverius

Rails, Gallinules, Coots Rallus limicola

Gallinula galeata Fulica americana

Charadriidae Charadrius vociferus

Stilts and Avocets

Himantopus mexicanus Recurvirostra americana

Scolopacidae

Actitis macularius Tringa solitaria Tringa melanoleuca Calidris mauri Calidris minutilla Limnodrumus scolopaceus Gallinago delicata Phalaropus tricolor

Gulls and Terns

Larus delawarensis Larus californicusl Hydroprogne caspia

Columbidae

Columba livia Patagioenas fasciata Streptopelia decaocto Zenaida macroura Columbina passerina



Cuckoos, Roadrunners, Allies Greater Roadrunner

Barn Owls Barn Owl

Typical Owls Great Horned Owl

Swifts *Vaux's Swift White-throated Swift

Hummingbirds

Black-chinned Hummingbird Anna's Hummingbird Costa's Hummingbird Allen's Hummingbird

Alcedinidae Belted Kingfisher

Woodpeckers and Allies Acorn Woodpecker Nuttall's Woodpecker

> Downy Woodpecker Northern Flicker

Flycatchers

Western Wood-Pewee *Willow Flycatcher Western (Pacific-slope) Flycatcher Black Phoebe Ash-throated Flycatcher Cassin's Kingbird Western Kingbird

Vireos

*Least Bell's Vireo Hutton's Vireo Warbling Vireo

Jays, Magpies and Crows

Western Scrub-Jay American Crow Common Raven Cuculidae Geococcyx californianus

Tytonidae *Tyto alba*

Strigidae Bubo virginianus

Apodidae Chaetura vauxi Aeronautes saxatalis

Trochilidae

Archilochus alexandri Calypte anna Calypte costae Selasphorus sasin

Kingfishers

Ceryle alcyon

Picidae

Melanerpes formicivorus Picoides nuttallii Picoides pubescens Colaptes auratus

Tyrannidae

Contopus sordidulus Empidonax traillii Empidonax difficilis Sayornis nigricans Myiarchus cinerascens Tyrannus vociferus Tyrannus verticalis

Vireonidae

Vireo bellii pusillus Vireo huttoni Vireo gilvus

Corvidae

Aphelocoma californica Corvus brachyrhynchos Corvus corax



Swallows

Tree Swallow Northern Rough-winged Swallow Cliff Swallow Barn Swallow

Titmice and Chickadees Mountain Chickadee Oak Titmouse

Long-tailed Tits and Bushtits Bushtit

Wrens

Rock Wren Bewick's Wren House Wren Marsh Wren

Sylviid Warblers Wrentit

Mockingbirds, Thrashers, and Allies Northern Mockingbird California Thrasher

Starlings and Allies European Starling (nonnative)

Silky-Flycatchers Phainopepla

Wood-Warblers

Orange-crowned Warbler Nashville Warbler Common Yellowthroat *Yellow Warbler Yellow-rumped Warbler Black-throated Gray Warbler Wilson's Warbler *Yellow-breasted Chat

Hirundinidae

Tachycineta biclor Stelgidopteryx serripennis Petrochelidon pyrrhonota Hirundo rustica

Paridae Poecile gambeli Baeolophus inornatus

Aegithalidae Psaltriparus minimus

Troglodytidae

Salpinctes obsoletus Thryomanes bewickii Troglodytes aedon Cistothorus palustris

Sylviidae

Chamaea fasciata

Mimidae

Mimus polyglottos Toxostoma redivivum

Sturnidae

Sturnus vulgaris

Ptilogonatidae Phainpepla nitens

Parulidae

Oreothylpis celata Oreothlypis ruficapilla Geothlypis trichas Setophaga petechia Seophaga coronata Setophaga nigrescens Cardellina pusilla Icteria virens

Emberizines

Spotted Towhee *Southern California Rufous-crowned Sparrow California Towhee Lark Sparrow *Bell's Sage Sparrow Savannah Sparrow Song Sparrow Lincoln's Sparrow

Cardinals and Allies

Western Tanager Black-headed Grosbeak Blue Grosbeak Lazuli Bunting?

Blackbirds and Allies

Red-winged Blackbird *Tricolored Blackbird Western Meadowlark Yellow-headed Blackbird Brewer's Blackbird Great-tailed Grackle Brown-headed Cowbird Hooded Oriole Bullock's Oriole

Finches and Allies

Purple Finch House Finch Lesser Goldfinch *Lawrence's Goldfinch American Goldfinch

Old World Sparrows

House Sparrow (nonnative)

Emberizidae

Pipilo maculatus Aimophila ruficeps canescens Pipilo crissalis Chondestes grammacus Amphispiza belli belli Passerculus sandwichensis Melospiza melodia Melospiza lincolnii

Cardinalidae

Piranga ludoviciana Pheucticus melanocephalus Passerina caerulea Passerina amoena

Icteridae

Agelaius phoeniceus Agelaius tricolor Sturnella neglecta Xanthocephalus xanthocephalus Euphagus cyanocephalus Quiscalus mexicanus Molothrus ater Icterus cucullatus Icterus bullockii

Fringillidae

Carpodacus purpureus Carpodacus mexicanus Spinus psaltria Spinus lawrencei Spinus tristis

Passeridae

Passer domesticus







APPENDIX B

SOUTHWESTERN WILLOW FLYCATCHER SURVEY FORMS



| | | | | | | d Detection Form (revised | - | , | · · · · · | |
|--|----------------------------|-----------------------------|------------------------|------------------------|--------------------------------|--|---------------------|-----------------------|--------------------|------------------------|
| Site Name_ | SCE LVY d Name | GLEN - | BAKER | STLEET | | State <u>CA</u> Coun Elevation <u>38</u> : | ty <u>Ry</u> | iers 1 | 12 (m | eters) |
| Creek, Riv | er, Wetland, | or Lake | Name | Temeso | TAL WASH | | 2 | | (m | eters) |
| Is cop | y of USGS n | nap mark | ked with si | urvey area | and WIFL s | ightings attached (as requ | ired)? | | Yes <u>X</u> N | lo |
| | ordinates: S | top: E | 467100 | | N <u>3727</u> N <u>3728</u> | <u>250</u> UTM <u>700</u> UTM | Datum Zone | 1W658 | 94 (See instru | ictions) |
| lf surv | ey coordinat | - | | | | es for each survey in comm nation on back of this | | | on back of thi | s page. |
| | | | | | suc injorn | L | <u> </u> | | es for WIFL Dete | |
| Survey # | Date (m/d/y) | Number of Adult | Estimated Number of | Estimated Number of | Nest(s) Found? Y or N | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, evulvide_Distributed error]). If | (this is individ | an optic uals, pai | include additional | ocumenting found on |
| Observer(s) (Full Name) | Survey time | WIFLs | Pairs | Territories | If Yes, number of nests | cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | necessa | • / | | |
| Survey # 1 | Date 24 MAY | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | | | | | | | | | | |
| STEPHEN J. | Start 0630 | 0 | 0 | 6 | N | | | | | |
| MYERS | Stop 1050 | | | | | | | | | |
| Summers # 2 | Total hrs <u>4:2</u> 0 | | | | | | " D' 1 | 0 | | |
| Survey # 2 Observer(s) | Date Const 7 JUKE | | | | | | # Birds | Sex | UTM E | UTM N |
| John F. | Start 0650 | Ø | 0 | 0 | N | | | | | |
| GROON | Stop 1(0ぐ | - | | | , | | | | | |
| C.A.C.N | Total hrs <u>44</u> 5 | | | | | | | | | |
| Survey # 3 Observer(s) | Date 20 JUNE | | | | | | # Birds | Sex | UTM E | UTM N |
| CHET | Start 0645 | 0 | 0 | 0 | N | | | | | |
| MEGAUGH | Stop 1010 | Ú | U U | 0 | | | | | | |
| | Total hrs <u>3:25</u> | | | | | | | | | |
| Survey # 4 Observer(s) | Date 30 JUNE | | | | | | # Birds | Sex | UTM E | UTM N |
| | Start 0630 | 0 | D | 0 | N | | | | | |
| CHETNEGAUGH | Stop 1030 | | 0 | - | | | | | | |
| etter - | Total hrs <u>4:0</u> 0 | | | | | | | | | |
| Survey # 5 Observer(s) | Date 12 JULY | | | | | | # Birds | Sex | UTM E | UTM N |
| CHET | Start 0620 | 0 | 0 | 0 | | | | | | |
| MEGROCH | Stop 1600 | | |) | 17 | | | | | |
| | Total hrs 340 | | | | | | | | | |
| Overall Site Summary Totals do not equal the sum of each column. Include only resident adults. Do not include migrants, nestlings, and | | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatcl | hers co | lor-bai | nded? Yes | No |
| fledglings. Be careful not to double count individuals. | | D | 0 | 0 | 0 | If yes, report color combin section on back of form ar | | | | |
| Total Survey Hrs | | 0:50 | | | | | | | | |
| Reporting US Fish an | Individual d_Wildlife_S | Ctt | | aught | | Date Report Completed | | | | |

 Wildlife Service Permit #______
 State Wildlife Agency Permit #______

 Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

Fill in the following information completely. <u>Submit</u> form by September 1st. Retain a copy for your records.

| Reporting Individual CHET MCGAUGH | Phone | # _951 369-80 | 60 |
|---|--|-----------------------|--|
| Affiliation AMEC FARTH + ENVIRONMENTAL Site Name SCE WYGLON "BAKER STREET" | E-mai | 1 chetmerauch | |
| | | Report Completed _ | |
| Was this site surveyed in a previous year? Yes \times No V | Unknown | | |
| Did you verify that this site name is consistent with that used | in previous years? Yes X | No Not . | Applicable |
| If site name is different, what name(s) was used in the past? | | | |
| If site was surveyed last year, did you survey the same genera | al area this year? Yes 🔀 | No If no, | summarize below. |
| Did you survey the same general area during each visit to this | s site this year? Yes 🔀 | No If no, s | summarize below. |
| Management Authority for Survey Area: Federal M Name of Management Entity or Owner (e.g., Tonto National | lunicipal/County <u>×</u> State _ Forest) | | Private X |
| Length of area surveyed: -22 (km) | serio. | | |
| Vegetation Characteristics: Check (only one) category that be | est describes the predominant | tree/shrub foliar lay | er at this site: |
| Native broadleaf plants (entirely or almost entirely, | > 90% native) | | |
| \times Mixed native and exotic plants (mostly native, 50 - | 90% native) | | |
| Mixed native and exotic plants (mostly exotic, 50 - | 90% exotic) | | |
| Exotic/introduced plants (entirely or almost entirely | <i>y</i> , > 90% exotic) | | |
| Identify the 2-3 predominant tree/shrub species in order of de SALIX LAEVIGITA, SALIX GOODINGI | | 25. | |
| Average height of canopy (Do not include a range): | 12 | (meters) | n a the second |
| Attach the following: 1) copy of USGS quad/topographical n | | | |

Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) of survey area, outlining survey site and location of WIFL detections; 2) sketch or aerial photo showing site location, patch shape, survey route, location of any detected WIFLs or their nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. Describe any unique habitat features in Comments.

Comments (such as start and end coordinates of survey area if changed among surveys, supplemental visits to sites, unique habitat features. Attach additional sheets if necessary.

| Territory S | ummary Table. | Provide the follo | wing informatio | n for each verif | ied territor | y at your site. |
|---------------------|-----------------------|-------------------|-----------------|------------------------------|--------------------------|--|
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Description of How You Confirmed Territory and Breeding Status (e.g., vocalization type, pair interactions, nesting attempts, behavior) |
| | | | | | | |
| | | | | | | |
| ` | | | | | | |
| 1.1 | | | | | | |
| | | | | | | |

Attach additional sheets if necessary

Willow Flycatcher (WIFL) Survey and Detection Form (revised April 2010)

| Site Name | | | | HOLS RO | AD" | State <u>CA</u> Count | ty <u> </u> | Vers | sile | |
|---|-----------------------------|-----------------------------|---------------------------------|---------------------------------------|--|--|----------------------|-----------------------------------|--|-----------------------------|
| | id Name | | | N | | Elevation <u>36</u> | 35 | | (me | eters) |
| | er, Wetland, | | | | BLWACH | interior attack of the new of | | · | V | |
| Is cop | y oj USGS n | пар тагк | eu wan si | trvey area | unu wirls | ightings attached (as requi | (rea)? | | Yes N | 0 |
| Survey Co | ordinates: St | tart: E | 467600 | | N_ 3728 | <u>'400</u> UTM | Datum | ince e | 34 (See instru | ctions) |
| | S | top: E | 466 500 | | N_3725 | UTM UTM | Zone | lls | | |
| If surv | vey coordinat | | | | | | | | on back of this | s page. |
| | | ^ ^ _ | rill in ad | laitional | site inforn | nation on back of this | page | ~ ~ | | |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Nest(s) Found? Y or N If Yes, number of nests | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | (this is individu | an optio Jals, pai rvey). I | es for WIFL Dete nal column for do rs, or groups of b nclude additional | ocumenting irds found on |
| Survey # 1 Observer(s) | Date21 MW | | | | × | | # Birds | Sex | UTM E | UTM N |
| CHET | Start 0725 | 0 | 0 | 0 | 10 | | | | | |
| MCGAUGH | | \mathcal{O} | \mathcal{O} | 0 | N | | | | | |
| (WCNUCH | _ | | | | | | | | | |
| | Total hrs 2:45 | | | | | | | | | |
| Survey # 2 Observer(s) | Date GJUNE | | | | | | # Birds | Sex | UTM E | UTM N |
| STEDHENS. | Start 0635 | 0 | 0 | 0 | N | | | | | |
| | Stop 1100 | | | | · | | | | | |
| Myers | Total hrs 4:25 | | | | | | | | | |
| Survey # 3 | | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | Date 16 JUNE | | | | | | | | | |
| stephen J. | Start 0620 | 0 | O | Ø | N | | | | | |
| MVERS | Stop 1055 | | | Ŭ | | | | | | |
| | Total hrs 4/35 | | | | | | | | | |
| Survey # 4 | | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | Date 3020NE | | | | | | | | | |
| STEPHER J. | Start 6640 | 0 | 0 | | 4 | | | | idaaaaaa | |
| MYERS | Stop 1020 | 0 | 0 | 0 | 67 | | | | | |
| 1.(010 | Total hrs 3: 40 | | | | | | | | | |
| 0 11 6 | | | | | | , | | | | |
| Survey # 5 Observer(s) | Date IL JUL | | | | | | # Birds | Sex | UTM E | UTM N |
| John F. | Start 0610 | 0 | 7 | 0 | ~ 1 | | | | | |
| GREEN | Stop 0950 | U | D | 0 | N | | | | | |
| GREEN | Total hrs 3:20 | | | | | | | | | |
| 0 | | | | | | | L | | | |
| Overall Site Summary Totals do not equal the sum of each column. Include only resident adults. Do not include migrants, nestlings, and fledglings. Be careful not to double count individuals. | | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatch | ners co | lor-bai | nded? Yes | _ No |
| | | 0 | O | 0 | 0 | If yes, report color combination(s) in the comments section on back of form and report to USFWS. | | | | |
| Total Survey Hrs_ | 18:45 | | | | | | | | | |
| Reporting | Individual | | - MCGAU | 1G14 | | Date Report Completed | | | | |
| US Fish ar | nd Wildlife S | ervice Pe | ermit # | | | State Wildlife Agency P | ermit # | ŧ | | |

<u>Submit</u> form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

Fill in the following information completely. <u>Submit</u> form by September 1st. Retain a copy for your records.

| Reporting Individual CHET MGAUGH | Phone # 951-369-8066 |
|--|---|
| Affiliation AMEC EARTH + ENVIRONMENTAL | E-mail Chotmegaugh (6) and com |
| Site Name SCE IVY GLEN "NICHOLS ROAD" | Date Report Completed |
| Was this site surveyed in a previous year? Yes X No Unknown | |
| Did you verify that this site name is consistent with that used in previous years? | Yes 🔀 No Not Applicable |
| If site name is different, what name(s) was used in the past? | |
| If site was surveyed last year, did you survey the same general area this year? | Yes \times No If no, summarize below. |
| Did you survey the same general area during each visit to this site this year? | Yes 📈 No If no, summarize below. |
| Management Authority for Survey Area: Federal Municipal/County Name of Management Entity or Owner (e.g., Tonto National Forest) | X State Tribal Private _X |
| Length of area surveyed: <u>1.69</u> (km) | |
| Vegetation Characteristics: Check (only one) category that best describes the pro- | edominant tree/shrub foliar layer at this site: |
| Native broadleaf plants (entirely or almost entirely, > 90% native) | |
| \times Mixed native and exotic plants (mostly native, 50 - 90% native) | |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use scie SALIX LAUICGARA, SALIX EXIGUA, SALIX GOODINGUI | |
| Average height of canopy (Do not include a range): | (meters) |
| Attach the following: 1) conv of USGS guad/tonographical man (PEOUIDED) | of survey area, outlining survey site and location of |

Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) of survey area, outlining survey site and location of WIFL detections; 2) sketch or aerial photo showing site location, patch shape, survey route, location of any detected WIFLs or their nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. Describe any unique habitat features in Comments.

Comments (such as start and end coordinates of survey area if changed among surveys, supplemental visits to sites, unique habitat features. Attach additional sheets if necessary.

| Territory | All Dates | UTM E | UTM N | Pair Conformado | Nest | Description of How You Confirmed |
|-----------|-----------|-------|-------|----------------------|------------------|--|
| Number | Detected | | | Confirmed? Y or N | Found? Y or N | Territory and Breeding Status (e.g., vocalization type, pair interactions, nesting attempts, behavior) |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Attach additional sheets if necessary

| Site Name | Valky-I | yglent | Project | (Lake | street) | State <u>C</u> A Count Elevation <u>365</u> | <u>y_R</u> | iver | side | |
|--|-----------------------------|--------------------------------|---------------------------------|--|--|--|---------------------|-----------------------------------|--|-----------------------------|
| Creek. Riv | er. Wetland | or Lake 1 | nore, 4 Name T | 1berhil | 1 Wash | Elevation 365 | | | (me | eters) |
| Is cop | y of USGS n | iap mark Tant 40 Stop 46 | ed with su | irvey area 5 3 | and WIFL st 732.250 | ightings attached (as requi N N N N UTM 2 N UTM | red)? |] | Yes <u>V</u> N | "o |
| " Survey Co | ordinates: St | art! E 4 | 63990 E | • | N_372/100 | | Datum Zana | 11 | 69 (See instru | ctions) |
| If surv | ہ ey coordinat | es change | ed betwee | n visits, er | _ N_ <u>3730670</u> iter coordinate | es for each survey in comm | zone _ ents se | | on back of this | s page. |
| | • | | | | | nation on back of this | | | | 1.9. |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Y or N | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | (this is a individu | an optio ials, pai rvey). I | es for WIFL Dete nal column for do rs, or groups of b nclude additional | ocumenting irds found on |
| Survey # 1 | Date 25 MAY | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | | | | | | | | | | |
| ीर्महत | Start 0635 | 6 | 0 | О | N | | | | | |
| N-GAOGH | Stop 0950 | | | | | | | | | |
| | Total hrs 335 | | | | | | | | | |
| Survey # 2 | Date 7 June | | | | | DETERMINED TO BOA | # Birds | Sex | UTM E | UTM N |
| Observer(s) | Start | | U | ~ | | LATE MIGROUT | | | | |
| HET | | 1 | 0 | 0 | N | (NOT EXTIMUS") | | | | + |
| Argadish | Stop @945 | | | | | | | | | |
| | Total hrs 2:55 | | | | | Based on subsequent Subveys | | | | |
| Survey # 3 Observer(s) | Date 21 Jun | | | | | | # Birds | Sex | UTM E | UTM N |
| THET | Start 065° | υ | 0 | ð | | | | | | |
| MGAUGH | Stop 0945 | | | 0 | N | | | | | |
| | | | | | | | | | ······ | |
| | Total hrs | | | | | | | | | |
| Survey # 4 Observer(s) | Date (Juy | | | | | | # Birds | Sex | UTM E | UTM N |
| 2HET | Start 0650 | | ~ | | | | | | | |
| MEGAUGH | Stop 1050 | U | 0 | 0 | N | | | | | |
| 1.1.0.1.1 | Total hrs 3:4 • | | | | | | | | ······ | 1 |
| 1 | 1 Otal his | | | | | | | | | |
| Survey # 5 Dbserver(s) | Date 12 Juy | | | | | | # Birds | Sex | UTM E | UTM N |
| stephen J. | Start 0 635 | | | | | | | | | |
| Myers | Stop (520 | 0 | 0 | 0 | 5 | | | | | - |
| , (| Total hrs 3:45 | ~ | | | | | | | | |
| Werall Site S | | | | ······································ | | | | | | |
| Overall Site Summary Totals do not equal the sum of each column. Include only resident adults. Do not include migrants, nestlings, and | | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatc | ners co | lor-ba | nded? Yes | _ No |
| ledglings. Be careful not to d ndividuals. | ouble count | U | 0 | 0 | 0 | If yes, report color combin section on back of form ar | | | | |
| otal Survey Hrs | 18:10 | | | | | | | | | |

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<u>Submit</u> form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

Fill in the following information completely. <u>Submit</u> form by September 1st. Retain a copy for your records.

| Reporting | Individual_Step | en Project previous year? S | yers | | Pho | ne # <u>957 - 3</u> | 69-8060 ext 111 | | | | |
|---------------------|--------------------|--|---------------------------------------|---------------------------------|-----------------|---|---|--|--|--|--|
| Affiliation | AMEC ' | a de la companya de la | · | | E-m | Phone # 957-369-8060 ext III E-mail stephen. j. myers @ amec. com Date Report Completed | | | | | |
| Site Name | Valley-Ivygl | en Project | Lake Stre | eet) | Dat | e Report Con | pleted | | | | |
| Was this s | ite surveyed in a | previous year? N | $\operatorname{Ces} \underline{V}$ No | Unknown | / | | | | | | |
| If site nam | e is different, wh | at name(s) was u | sed in the past? | | | | Not Applicable | | | | |
| | | ar, did you survey | | | | No 🖌 | If no, summarize below. | | | | |
| Did you su | irvey the same ge | eneral area during | itat SE of | is site this year? Alberhill | Yes 🗸 | No | If no, summarize below. | | | | |
| Manageme | ent Authority for | | Federal N | /lunicipal/County | ′ <u>√</u> Stat | e Triba | al Private 🖌 | | | | |
| Length of | area surveyed: | (km |) | | | | | | | | |
| Vegetation | n Characteristics: | Check (only one |) category that b | est describes the | predomina | nt tree/shrub f | oliar layer at this site: | | | | |
| Ì | Native broadleaf | plants (entirely or | r almost entirely | , > 90% native) | | | | | | | |
| <u> </u> | Aixed native and | exotic plants (mo | ostly native, 50 - | 90% native) | | | • • | | | | |
| I | Aixed native and | exotic plants (me | ostly exotic, 50 - | - 90% exotic) | | | | | | | |
| I | Exotic/introduced | l plants (entirely | or almost entirel | y, > 90% exotic) | | | | | | | |
| Identify th | e 2-3 predomina | nt tree/shrub spec | ties in order of d | lominance Use | scientific na | mes | | | | | |
| Salix | gooddingin | nt tree/shrub spec Solix lacu | ligata, Evo | <u>calyptus spp.</u> | | | | | | | |
| Average h | eight of canopy (| Do not include a | range):/5 | · . | | (meters) | | | | | |
| Attach the | following: 1) co | ny of USGS and | 1/tonographical | man (PEOLIDE) | D) of our co | ana antimi | | | | | |
| | | | | | | | ng survey site and location of f any detected WIFLs or their | | | | |
| | | | | | | | abitat features in Comments | | | | |
| 110303, 57 P | notos or the meet | ior or the paten, e | Attention of the pa | ion, and overall s | | any unique i | laonal leatures in Comments | | | | |
| | | d end coordinate sheets if necessa | | if changed amon | ig surveys, s | upplemental [.] | visits to sites, unique habitat | | | | |
| | | | - 5 - | | | | | | | | |
| 1997 | · . | | | | | | | | | | |
| | | | | | | | ······································ | | | | |
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| t _{er} ne. | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| Territory S | Summary Table. | Provide the follo | wing information | on for each verifie | ed territory | at your site. | | | | | |
| Territory | All Dates | UTM E | UTM N | Pair | Nest | Descripti | on of How You Confirmed | | | | |
| Number | Detected | OIME | U I WI IN | Confirmed? | Found? | | on of How You Confirmed ory and Breeding Status | | | | |
| Tunioei | Dettetted | | | Y or N | Y or N | | zation type, pair interactions | | | | |
| | | | | 1 01 14 | | | ng attempts, behavior) | | | | |
| | | | | | | | <u> </u> | | | | |
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| | | | | | | | | | | | |
| | landar Maria | | | | | | | | | | |

Attach additional sheets if necessary
| | | Willow | v Flycatch | ner (WIFI | L) Survey and | d Detection Form (revised | l April | 2010) |) | |
|--|---|-----------------------------|---------------------------------|---------------------------------------|----------------|--|----------------------|-----------------------------------|--|-------------------------------|
| Site Name | SCE W | 16cp | " Hoste | TTLER F | ROAD " | State CA Coun | ty RIV | CUSI | le | |
| USGS Qua | d Name | ALBER | HILL | | | $\underline{\qquad} State \underline{\subset} A \\ \underline{\qquad} Elevation \underline{\qquad} 3$ | 65 | | (n | neters) |
| | er, Wetland, v of USGS n | | | TEMPSCAL | | ightings attached (as requ | ired)? | | Yes × | No |
| | - | - | | - | | • • | | | | |
| Survey Co | ordinates: St | tart: E | 462450 | | <u>N 3732</u> | 2500 UTM 2 <i>900</i> UTM | Datum | $\frac{W65}{W}$ | H_(See instr | uctions) |
| If surv | ey coordinat | top. 15 | ed between | n visits, en | ter coordinate | es for each survey in comm | ents se | $\frac{1}{2}$ | on back of th | is page. |
| | - | ** | Fill in ac | lditional | site inforn | nation on back of this | page | ** | ····· | |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Y or N | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | (this is individu | an optic uals, pai rvey). I | es for WIFL De onal column for irs, or groups of include addition | documenting birds found on |
| Survey # 1 Observer(s) | Date 28 MAY | | | | | | # Birds | Sex | UTM E | UTM N |
| CHET | 2011 ^{Start} 6705 | 0 | 0 | 0 | X | | | | | |
| MEGAUEH | Stop Out | | | | | | | | | |
| • | Total hrs3-40 | | | | | | | | | |
| Survey # 2 | | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | Date 2 JUNE | | | | r | | | | | |
| STE DHEN J. | Start 6645 | 0 | 0 | D | N | | | | | |
| MYCRI | Stop 1100 | | | | | | | | | |
| | Total hrs | | | | | | | | | |
| Survey # 3 Observer(s) | Date 11 Live | | | | | | # Birds | Sex | UTM E | UTM N |
| | Start 6655 | | 0 | 0 | N | | | | | |
| STEPHENJ. MYERS | Stop 1000 | | 0 | U | · | | | | | |
| 10-1045 | Total hrs3:05 | | | : | | | | | | |
| Survey # 4 | | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | Date-2 July | | | | | | | | | |
| sternen | Start 0645 | 0 | 0 | 0 | N | | | | | |
| J. WYCRS | Stop 1030 | | | | | | | | | |
| | Total hrs 3:45 | | | | | | | | | |
| Survey # 5 | Date 12 JLY | | | | | | # Birds | Sex | UTM E | UTM N |
| Observer(s) | Start 6645 | 0 | 0 | 0 | N | | | | | |
| STCHENS. MYCH | Stop 1035 | | | 0 | (V | | | | | |
| hold ? | | | | | | | | | | |
| <u> </u> | Total hrs 3:50 | | | | | | | | | |
| Overall Site Su Totals do not equa each column. Inclu resident adults. D migrants, nestlings | l the sum of ide only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatcl | hers co | lor-ba | nded? Yes_ | No <u>X</u> |
| fledglings. Be careful not to d individuals. | ouble count | 0 | 0 | 0 | 0 | If yes, report color combin section on back of form ar | | | | |
| Total Survey Hrs_ | 18:35 | | | | | | | | | |
| Reporting | | CHE | | GH | | Date Report Completed | | | | |
| US Fish ar | d Wildlife S | ervice Pe | rmit # | | | State Wildlife Agency P | 'ermit # | t t | | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting Individual CHET MCGAUGH | Phone # | 951 36 | >-8060 |
|--|-----------------|--|-----------------------------|
| Affiliation AMEC EARTH + ENVIRONMENTAL | E-mail | chotoner | augho avec com |
| Site Name SCE WIGLOW "HOSTETTLER POAD" | Date Rep | ort Compl | eted |
| Was this site surveyed in a previous year? Yes X No Unknown | | | |
| Did you verify that this site name is consistent with that used in previous years? | Yeš×. | No | Not Applicable |
| If site name is different, what name(s) was used in the past? | | | |
| If site was surveyed last year, did you survey the same general area this year? | Yes X N | Jo I | f no, summarize below. |
| Did you survey the same general area during each visit to this site this year? | | | f no, summarize below. |
| Did you survey the sume general area during each visit to this she this you? | 103 / 1 | ······································ | |
| Management Authority for Survey Area: Federal Municipal/County | <a>State | _ Tribal _ | Private <u> </u> |
| Name of Management Entity or Owner (e.g., Tonto National Forest) | | | • |
| Length of area surveyed: (km) | | | |
| Vegetation Characteristics: Check (only one) category that best describes the pre- | dominant tree | hrub foli | iar laver at this site. |
| vegetation characteristics. Check (only one) category that best describes the pre | | / 311 40 1011 | lar layer at this site. |
| Native broadleaf plants (entirely or almost entirely, > 90% native) | | | |
| \times Mixed native and exotic plants (mostly native, 50 - 90% native) | | | |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | | | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | | | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use scie SALLY UNIEGATA, SALLY GOODINGI, SALLY LASIOLOGY | ntific names. | | |
| Average height of canopy (Do not include a range): | (n | neters) | |
| Attach the following: 1) copy of USGS guad/topographical map (REOUIRED) of | of survey area. | outlining | survey site and location of |

Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) of survey area, outlining survey site and location of WIFL detections; 2) sketch or aerial photo showing site location, patch shape, survey route, location of any detected WIFLs or their nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. Describe any unique habitat features in Comments.

Comments (such as start and end coordinates of survey area if changed among surveys, supplemental visits to sites, unique habitat features. Attach additional sheets if necessary.

| Territory S | ummary Table. | Provide the follo | wing informatio | n for each verif | ied territor | y at your site. |
|---------------------|-----------------------|-------------------|---------------------------------------|------------------------------|--------------------------|--|
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Description of How You Confirmed Territory and Breeding Status (e.g., vocalization type, pair interactions, nesting attempts, behavior) |
| | | | | | | |
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| | | Willow | y Flycatch | er (WIFI | .) Survey and | l Detection Form (revised | April | 2010) |) | |
|--|---|--|----------------------------------|----------------------|-------------------------|---|------------------|-----------|---------------|-----------------------------|
| Site Name USGS Qua Creek, Riv | Valley - I nd Name er, Wetland. | <u>vyglen</u> J <u>ake E</u> or Lake I | <u>Projec</u> Isinore Name | <u>t (Peac</u> | h st. Outli ed creek | <u>ers)</u> State <u>CA</u> Count Elevation <u>50</u> | ty <u>R</u> 0 | ivers | <u></u> | eters) |
| Is cop | y of USGS n | nap mark | ed with su | irvey area | and WIFL s | ightings attached (as requi | ired)? | | Yes 🖌 N | 10 |
| Survey Co | ordinates: St | tart: E_ | 172500 | | N 373/17 | 0UTM | Datum | WGS E | 🦸 (See instru | ctions) |
| If curs | S Nev coordinat | top: E <u>4</u> | 72460 | a vicito en | N 373089 | UTM UTM UTM es for each survey in comm | Zone _ | <u>//</u> | | , , |
| 11 501 9 | | | | | | nation on back of this | | | | s page. |
| Survey # Date (m/d/y) Number Estimated Estimated Nest(s) Found? Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, Diorhabda spp.]). If GPS Coordinates for WIFL De (this is an optional column for individuals, pairs, or groups of each survey). Include addition necessary. Survey # 1 | | | | | | | | | | ocumenting irds found on |
| Survey # 1 Observer(s) Chret | Date 24 May Start | (") | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| McGaugh | Stop Total hrs 0,33 | U | 0 | U | {∨ | | | | | |
| Survey # 2 Observer(s) Chet McGaugh | Date 6 J ^u nr. 11 Start Stop | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| | Total hr Ø. 33 | | | | | | | | | |
| Survey # 3 Observer(s) Chet Mc Gaugh | Date 17 Jone 11 Start Stop Total hrs 6,33 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Survey # 4 Observer(s) Chet McGaugh | Date 28JVnc 11 Start Stop Total hrs <mark>0.33</mark> | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Survey # 5 Observer(s) Chat Ma Gaugh | Date 14JJJY 11 Start Stop Total hrs0.33 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Overall Site St Totals do not equa each column. Inclu resident adults. D migrants, nestlings | l the sum of ide only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycate | hers co | lor-ba | nded? Yes | _No |
| fledglings. Be careful not to d individuals. Total Survey Hrs_ | 1.65 | 0 | 0 | Ø | Ø | If yes, report color combin section on back of form ar | | | | |
| Reporting | Individual d Wildlife S | | rmit # 7 | 1yers E 804: | 203-9 | Date Report Completed State Wildlife Agency F | | | 1 2-00195 | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

전 그는 것은 문화 문화되었다.

| Reporting Individual <u>Stephen J. Myers</u> Affiliation <u>AMEC</u> Site Name <u>Valley - Ivyglen ?roject (Peach St. Os Hiers)</u> Was this site surveyed in a previous year? Yes No V Unknown | Phone | # 951 | - 369 - 8060, ext. 111 <u>n.j. myers@amec</u> . cor pleted |
|--|--------------|--------------|--|
| Affiliation AMEC | E-mail | stepher | h.j. myers@amec. con |
| Site Name Valley - Ivyglen Project (Peach St. Ou Hiers) | Date R | eport Com | pleted |
| Was this site surveyed in a previous year? Yes No 🖌 Unknown | | | |
| Did you verify that this site name is consistent with that used in previous years? | Yes | No | Not Applicable 🗸 |
| If site name is different, what name(s) was used in the past? | | | |
| If site was surveyed last year, did you survey the same general area this year? | Yes | No | If no, summarize below. |
| Did you survey the same general area during each visit to this site this year? | Yes 📈 | No | If no, summarize below. If no, summarize below. |
| Management Authority for Survey Area: Federal Municipal/County Name of Management Entity or Owner (e.g., Tonto National Forest) | State | Triba | al Private 🔨 ? |
| Length of area surveyed: $O.18$ (km) | | | |
| Vegetation Characteristics: Check (only one) category that best describes the pr | redominant t | ree/shrub fo | oliar layer at this site: |
| \sim Native broadleaf plants (entirely or almost entirely, > 90% native) | | | |
| Mixed native and exotic plants (mostly native, 50 - 90% native) | | | • |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | | | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | | | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use scie <u>Salix spp.</u> , Populus Frumontin | entific name | S. | |
| Average height of canopy (Do not include a range):/O | | (meters) | |
| Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) WIFL detections; 2) sketch or aerial photo showing site location, patch shape, su nests; 3) photos of the interior of the patch, exterior of the patch, and overall site | urvey route, | location of | any detected WIFLs or their |
| Comments (such as start and end coordinates of survey area if changed among s features. Attach additional sheets if necessary. | surveys, sup | plemental v | visits to sites, unique habitat |
| | | <u> </u> | |
| | | | |

Territory Summary Table. Provide the following information for each verified territory at your site.

| | T | ľ | | 1 | 1 | |
|-------------|-----------|-------|-------|------------|--------|--|
| Territory | All Dates | UTM E | UTM N | Pair | Nest | Description of How You Confirmed |
| Number | Detected | | | Confirmed? | Found? | Territory and Breeding Status |
| | | | | Y or N | Y or N | (e.g., vocalization type, pair interactions, |
| | | | | | | nesting attempts, behavior) |
| | | | | 1 | · · · | |
| Mary States | | | | | | |
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| | | Willov | v Flycatcl | ner (WIFI | L) Survey and | d Detection Form (revised | l April | 2010) |) | |
|---|---|----------------------------------|--------------------------------|-------------------------------|-----------------------------|--|-----------------------------|--|---|-------------------------------|
| Site Name USGS Qua Creek, Riv <i>Is cop</i> | Valley - I id Name <u>l</u> er, Wetland, y of USGS m | vglen <u>- GKe</u> or Lake | Project Elsinol Name | t (Was e Un na | son Cyn Ou med cre | ek ightings attached (as requi | ty_ <i>R</i> , 95 | ` <i>ve</i> 15 | | neters) |
| Survey Coo | ordinates: St S vey coordinat | es chang | ed betwee | n visits, er | nter coordinate | UTM UTM UTM UTM UTM ution on back of this | ents se | ction o | 8 <u>4 (</u> See instr on back of th | uctions) is page. |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated | Estimated | Nest(s) Found? Y or N | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | GPS Cc (this is individu | oordinat an optic als, pai rvey). I | tes for WIFL De onal column for irs, or groups of Include addition | documenting birds found on |
| urvey#1 pserver(s) het NGavgh | Date 24 May II Start Stop Total hrsØ <u>,5</u> | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| urvey # 2 server(s) het lcGaugh | Date June 11 Start Stop Total hrs <u>C.S</u> | Ø | Ò | 0 | N | | # Birds | Sex | UTME | UTM N |
| nrvey#3 nserver(s) het lcGaugh | Date 17June 11 Start Stop Total hrs <u>0.5</u> | ð | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| rvey#4 ^{server(s)} heT 1cGaugh | Date 25 June V Start Stop Total hrs <u>0.5</u> | D | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| rvey # 5 server(s) thet lc Gaugh | Date 14 July 11 Start Stop Total hrs <u>0.5</u> | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| verall Site Su tals do not equa ch column. Inclu ident adults. Do grants, nestlings | l the sum of ide only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatc | hers co | lor-ba | nded? Yes_ | No |
| dglings. careful not to d lividuals. tal Survey Hrs_ | 2.5 | | 0 | 0 | 0 | If yes, report color combi section on back of form a | | | | |
| Reporting . | Individual d Wildlife S | ervice Pe | ernit # <u>T ƙ</u> SFWS and | z <u>804 20</u> d State Wi | <u>3–9</u> Idlife Agency | Date Report Completed State Wildlife Agency I by September 1 st . Retain | Permit # a copy | 31 50 for yo | 00 193 | |

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| Reporting | Individual Ste | <u>phen J. My</u> | iers | | Pho | ne # <u>957 - 36</u> | 9-8060 ext 111 |
|---------------------------------------|--|-------------------------------------|---------------------------------------|----------------------------------|--|---|---|
| Site Name | Valley-Ivygl | en Project (| Wasson Can | yon Outlie | <u>-</u> E-n Dat | te Report Complete | <u>9-8060 ext</u> [1] <u>inyers @ amec</u> , cor d <u>10[31] 11</u> |
| Was this s Did you ye | ite surveyed in a erify that this site | previous year? | Yes No \checkmark | Unknown | are? Vec | No No | t Applicable |
| If site nam | ne is different, wh | at name(s) was v | used in the past? | | | | |
| | surveyed last ye urvey the same ge | | | | | | o, summarize below. o, summarize below. |
| | ar voy the same g | | | | | | |
| | ent Authority for Management Enti | | Federal M , Tonto National | funicipal/Count Forest) | y Stat | te Tribal | _ Private 🗸 🏅 |
| Length of | area surveyed: | 0,32 (km |) | | | | |
| Vegetation | n Characteristics: | Check (only one | e) category that b | est describes th | e predomina | nt tree/shrub foliar | layer at this site: |
| <u>х</u> | Native broadleaf | plants (entirely o | r almost entirely | , > 90% native) | | Ň | |
| N | Mixed native and | exotic plants (m | ostly native, 50 - | 90% native) | | | |
| I | Mixed native and | exotic plants (m | ostly exotic, 50 - | 90% exotic) | | | |
| I | Exotic/introduced | l plants (entirely | or almost entirely | y, > 90% exotic |) | | |
| Identify th | e 2-3 predomina αlix spp | nt tree/shrub spec | cies in order of d | ominance. Use | scientific na | imes. | |
| | eight of canopy (| • | | 1 | | (meters) | |
| Attach the WIFL dete | following: 1) co ections; 2) sketch | py of USGS qua or aerial photo s | d/topographical 1 howing site loca | nap (REQUIRE tion, patch shap | ED) of surver e, survey rou | y area, outlining sur ite, location of any o | vey site and location of detected WIFLs or their |
| nests; 3) p | hotos of the inter | ior of the patch, e | exterior of the par | tch, and overall | site. Describ | e any unique habita | t features in Comments. |
| | s (such as start ar Attach additional | | | if changed amo | ng surveys, s | supplemental visits | to sites, unique habitat |
| | - | | | | | | |
| | | | | | | | |
| - <u>*</u> | - | ···· | | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | | | | |
| Territory S | Summary Table. | Provide the follo | owing informatio | n for each verif | ied territory | at your site. | |
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Territory ar (e.g., vocalization | How You Confirmed ad Breeding Status a type, pair interactions, empts, behavior) |
| · · · · · · · · · · · · · · · · · · · | | | | | | | |
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| | | | | | en de trans Transformer de la composition | | |
| | | | | 1 1 | and the second | | |

| | | Willow | v Flucatel | or (WIFI |) Survey and | 1 Detection Form (revised | Anril | 2010 | ` | | |
|--|--|------------------------------------|---------------------------------|---------------------------------------|--|--|-----------------------------|--------------------------------|---|-------------------------------|--|
| Site Name USGS Ouz | Valley - I ad Name | | | | | ⁴ /i ² / ₁)State <u>CA</u> Count Elevation <u>4</u> 2 | | | | neters) | |
| ,, | er, n enama, | or Daro | i i unito | | | ightings attached (as requi | | | | | |
| Survey Co | ordinates: St | tart: E_4 top: E_4 tes chang | 69 780 69 930 ed betwee | n visits, er | N 3729. N 37293 Iter coordinate | 300 UTM 250 UTM es for each survey in comm nation on back of this | Datum Zone _ ents see | $\frac{WGS}{11}$ | 84 (See inst | ructions) | |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Nest(s) Found? Y or N If Yes, number of nests | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | (this is a individu | an optic ials, pa rvey). | tes for WIFL De onal column for irs, or groups of Include additior | documenting birds found on | |
| Survey # 1 Observer(s) Chet McGaugh | Date 24 May II Start Stop Total hrs0.25 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTMN | |
| Survey # 2 Observer(s) Chct McGuvyh | Date A T We 11 Start Stop Total hrs0.25 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | | |
| Survey # 3 Observer(s) Chet McGuugh | Date 17 JVne (1 Start Stop Total hrs0,25 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| Survey#4 Observer(s) Chet McGaugh | Date 2&June 11 Start Stop Total hrs <u>0, 25</u> | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| Survey # 5 Observer(s) Chet Mc Gavyh | Date 14 July 11 Start Stop Total hrs0.25 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| Overall Site St Totals do not equa each column. Inclu resident adults. D migrants, nestlings | al the sum of ude only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycate | hers co | lor-ba | nded? Yes_ | No | |
| fledglings. Be careful not to c individuals. Total Survey Hrs_ | | 0 | 0 | 0 | 0 | If yes, report color combination(s) in the comments section on back of form and report to USFWS. | | | | | |
| Reporting | | 5 <i>-fep h</i> ervice Pe | en <i>J. M</i> ermit # | 1yers E 8042 | 03-9 | Date Report Completed State Wildlife Agency F | 1 <u>/0</u> Permit # | 31/L \$_5C | 1 -00 1951 | | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting | $\frac{51}{4}$ | ephen J.My <u>Ien Project</u> previous year? N | ers | | Ph | one # $\frac{951}{4}$ | <u>-369-8060 ext 111</u> <u>n.j. myers @ qmcc</u> .com apleted |
|---|--------------------------------------|--|-------------------------------|----------------------------|--------------|-----------------------|--|
| Site Nam | e Valley - Ivya | len Project | (Rosetta O | utliers) | Da | te Report Con | <u>n y myers e amée</u> , con ipleted |
| Was this : | site surveyed in a | previous year? | lesNo 🖌 U | Unknown | | | |
| Did you v | erify that this site | e name is consiste | nt with that used | in previous yea | rs?Yes | No | Not Applicable 🖌 |
| | | nat name(s) was u | * **** | | ? Yes | NT - | Τ |
| | | ar, did you survey eneral area during | | | | | If no, summarize below. If no, summarize below. |
| Diajouo | ai voy the sume g | onorar area darme | | s site this year : | 1 C3 _Y | | 11 110, Summarize below. |
| Manager Name of I | ent Authority for Management Enti | Survey Area: ity or Owner (e.g. | Federal M , Tonto National | lunicipal/Count Forest) | y Sta | ate Trib | al Private <u>√</u> ? |
| Length of | farea surveyed: _ | 0.18 (km |) | | | | |
| Vegetatio | n Characteristics: | : Check (only one |) category that be | est describes the | e predomina | ant tree/shrub t | foliar layer at this site: |
| <u>×</u> | Native broadleaf | plants (entirely or | r almost entirely, | > 90% native) | | | |
| | Mixed native and | l exotic plants (mo | ostly native, 50 - | 90% native) | | | |
| | | l exotic plants (me | • | · | | | |
| | | d plants (entirely o | - | - | | | |
| | | nt tree/shrub spec | | | | ames. | |
| | 1. | (Do not include a | | | | (meters) | |
| WIFL det | tections; 2) sketch | n or aerial photo s | howing site locat | tion, patch shape | e, survey ro | ute, location o | ng survey site and location of f any detected WIFLs or their habitat features in Comments. |
| | | nd end coordinate I sheets if necessa | | if changed amor | ng surveys, | supplemental | visits to sites, unique habitat |
| 24 | | | | | | | |
| <u>in an la sé</u> Septembre de la sectoria de la sectori | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Territory | Summary Table. | Provide the follo | wing information | n for each verifi | ed territory | v at your site. | |
| Territory | All Dates | UTM E | UTM N | Pair | Nest | | on of How Voy Orangeneral |
| Number | Detected | UIME | UIMIN | Confirmed? | Found? | | on of How You Confirmed ory and Breeding Status |
| | | | | Y or N | Y or N | | ization type, pair interactions, |
| | | | | | | | ng attempts, behavior) |
| | | | | | | <u> </u> | |
| | | | a to conversion of the second | | | | |
| | | | | | | | |
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| hererer(s) Check Storp Total hrs0.5 Storp Total hrs0.5 Storp Stor | | | | | | | d Detection Form (revised | - | | | | |
|---|---|--|------------------------------|----------------------|--|--------------------------|--|-------------------|--------|-----------------|---------|--|
| Bit Copy of USCS map marked with survey area and WIPL sightings attached (as required)? Prov | Site Name USGS Qua | Valley-I ad Name | -vygle Hberhi | n <u>Proj</u> e U | <u>t (De</u> | Palma RE O | Utlier State <u>CA</u> Count Elevation <u>37</u> | ty <u>R</u> 20 | iver | side (me | ters) | |
| ** Fill in additional site information on back of this page ** Survey # Observe(i) Date (midy) Observe(i) Date (midy) Of Adult Number of Fill in additional site information on back of this page ** Observe(i) Date (midy) Observe(i) Date (midy) Other of Adult Number of Pain Territories Y or N Pain Date (midy) Date (midy) Z4 Mary H Date Z4 Mary H Date Date (midy) Stop Total had/S O Nurvey # 1 Date Date (midy) Stop Total had/S O Nurvey # 3 Date Date (midy) Stop Total had/S O Nurvey # 3 Date Nurvey # 4 Date Date O Total had/S O Nurvey # 4 Date Stop O Nurvey # 4 Date Date O Nurvey # 4 Date Date O Nurvey # 3 Date Nurvey # 4 Date Date St | Is cop | y of USGS n | or Lake nap mark | ivame C | irvey area | and WIFL s | ightings attached (as requi | ired)? | | Yes N | <u></u> | |
| Survey # Date (mddy) Number of Additional site information on back of this page ** Survey # Date (mddy) Number of Additional State of Number of Additional State of Pairs Comments (c.g., but behavior, fulls is an optional column for documenting under state of Pairs of International State of Pairs of International State of Pairs Comments (c.g., but behavior, fulls is an optional column for documenting under state of Pairs of Pairs of Pairs of Pairs of Pairs Comments (c.g., but behavior, fulls is an optional column for documenting under state of Pairs of Pa | Survey Co | ordinates: S | tart: E <u>4</u> | 59180 | | N 37336 | UTM | Datum | WGS | 84 (See instru | ctions) | |
| Survey # Date (mddy) Number of Additional site information on back of this page ** Survey # Date (mddy) Number of Additional State of Number of Additional State of Pairs Comments (c.g., but behavior, fulls is an optional column for documenting under state of Pairs of International State of Pairs of International State of Pairs Comments (c.g., but behavior, fulls is an optional column for documenting under state of Pairs of Pairs of Pairs of Pairs of Pairs Comments (c.g., but behavior, fulls is an optional column for documenting under state of Pairs of Pa | If surv | ovey coordinat | top. <u>E_7</u> tes chang | ed betwee | n visits, en | ter coordinate | es for each survey in comm | ents se | tion (| on back of this | page. | |
| Survey # Date (midzy) Number of Pairs of Presenting: Westyl Found? Wes | | r | ** | Fill in ac | lditional | site inforn | nation on back of this | page | ** | | | |
| hterver(i) 24 Muy II Start II | Observer(s) (Full Name) | | of Adult | Number of | Number of | Y or N If Yes, number | (this is an optional column for docu individuals, pairs, or groups of birds cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL | | | | | |
| Shet Startery II O O N McGaugh Stop O O N Murvey H 2 Date Starter II Image: Starter II Chef Starter II O O N Total hrd/S Starter II O O N Starter Y 3 Start O O N Starter Y 3 Date O O N Starter Y 3 Date O O N Starter Y 3 Date O O N Starter Y 4 Date Date O Starter Y 4 Start O O N Starter Y 4 Date Date O O Starter Y 4 Start Date O O Starter Y 4 Starter Y 5 Start O O Starter Y 4 Starter Y 5 Starter Y 6 Starter Y 7 O Starter Y 4 Starter Y 7 Starter Y 7 O O Starter Y 5 Starter Y 7 Starter Y 7 O O Starter Y 4 Starter Y 7 Starter Y 7 O O Starter Y 5 Starter Y 7 Starter Y 7 O <td>Survey # 1 Observer(s)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td># Birds</td> <td>Sex</td> <td>UTM E</td> <td>UTM N</td> | Survey # 1 Observer(s) | | | | | | | # Birds | Sex | UTM E | UTM N | |
| NGaugh Stop O O O N Total hs0.5 Date #Birds Sex UTME UTMN Shorever(s) GJane II Stat N #Birds Sex UTME UTMN Shorever(s) GJane II Stat O O N Image: Sex UTME UTMN Shorever(s) Total hs0.5 Image: Sex UTME UTMN Image: Sex UTME UTMN Shorever(s) Date O O N Image: Sex UTME UTMN Check Stop O O N Image: Sex UTME UTMN Check Stop O O N Image: Sex UTME UTMN Check Stop O O N Image: Sex UTME UTMN Stop Total hs0.5 O O N Image: Sex UTME Image: Sex UTMN Stop Total hs0.5 O O N Image: Sex UTMN Image: Sex Image: Sex Image: Sex | Chet | Start | ~ | | | | | | | | | |
| Total hrs2.5 | MGaugh | Stop | 0 | 0 | 0 | N | | | | | | |
| biserver(s) Start II Chef Start Start II Chef Start Start Total hrs0.5 Total hrs0.5 Date Total hrs0.5 Date Total hrs0.5 Date Chef Start II Chef Start III Chef Start IIII Chef Start IIIIIIII Chef Start IIIIIIIII Chef Start IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 9 | Total hrs0.5 | | | | | | | | | | |
| Total hrs0-5 Total hrs0-5 Survey # 3 Date 17 June 11 Start N Chet N McGaugh Survey # 4 Date 28 June 11 Start O N Jate McGaugh Start Date 28 June 11 Start O O N Survey # 4 beerver(s) Date 28 June 11 Start O O N Chet Start O O N Start O O N Image: Check of the start Start O O N Image: Check of the start Image: Check of the start McGaugh Total hrs0.5 O O N Image: Check of the start Image: Check of the start McGaugh Total hrs0.5 Date H Total hrs0.5 Image: Check of the start Image: Check of the start Image: Check of the start McGaugh Total hrs0.5 Total hrs0.6 Image: Check of the start Image: Check of the start Image: Check of the start Verail Site Stummary table on the check tigrants, nestlings, and ceglings. Total Pairs Total Pairs Total Pairs Total Pairs Total Pairs Total Pairs Total Pairs Total Pairs Total Pairs Nests | Survey # 2 Observer(s) Chef | GJune 11 Start | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| beerver(s) Chet Start McGaugh Stop Total hrs0.5 Durvey # 4 Date 28 Junc II Chet Start McGaugh Stop Total hrs0.5 Date H Sidy U N McGaugh Stop Total hrs0.5 Date H Sidy U N Total hrs0.5 Date H Sidy U N Total hrs0.5 N N McGaugh Stop Total hrs0.5 N N McGaugh Stop Total hrs0.5 N N McGaugh Stop Total hrs0.5 N N McGaugh Stop Total hrs0.5 N N McGaugh Stop Total hrs0.5 N N McGaugh Stop Total hrs0.5 N N McGaugh Stop N N McGaugh Stop Total hrs0.5 N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N N McGaugh Stop N N McGaugh Stop N N N McGaugh Stop N N McGaugh Stop N N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N N McGaugh Stop N McGaugh Stop N N McGaugh Stop N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh Stop N N McGaugh N McGaugh N N McGaugh N N N N N N N N N N N N N | 11 cough | 1. | U | U | U | | | | | | | |
| Survey # 4 Pbserver(s) Date 26 Junc II Start Date 26 Junc II Start 0 0 0 N # Birds Sex UTM E UTM N Chet Start 0 0 0 N 1 | Survey # 3 Observer(s) Chet McGavgh | ו ז Jvne ון Start Stop | 0 | 0 | O | N | | # Birds | Sex | UTM E | UTM N | |
| bbserver(s) Diffect Start Diffect Start McGaugh Stop O O N Image: Start Image: Start McGaugh Stop O O O N Image: Start Image: Start Start Date Image: Start I | | Total hrs0.5 | | | | | | | | | | |
| Intervery # 5 Date Image: Sex UTM E UTM N Survey # 5 Date # Birds Sex UTM E UTM N Check Image: Sex UTM E Image: Sex UTM E UTM N Check Start Image: Sex UTM E | Survey # 4 Observer(s) Chet | 28 June II Start | ~ | ~ | <i>c</i> h | N | | # Birds | Sex | UTM E | UTM N | |
| Deserver(s) H J. J. Y II Start Date H J. J. Y II Start Diverall Start Stop Diverall Site Summary Total hrs 0.5 Total hrs 0.5 Diverall Site Summary Total hrs 0.5 Total hrs 0.5 Diverall Site Summary Total hrs 0.5 Total hrs 0.5 Total hrs 0.5 Diverall Site Summary Total hrs 0.5 Total hrs 0.5 Diverall Site Summary Total Adult Total Pairs reprint Adults. Do not include ingrants, nestlings, and edglings. Total Residents Total Residents e careful not to double count individuals. O O O O otal Survey Hrs 2, 5 O O O O | McGaugh | 1 | 0 | 0 | U | 10 | | | | | | |
| Overall Site Summary Total Total Total Total Total Total Adult Pairs Total Total Nests esident adults. Do not include aligrants, nestlings, and edglings. Total to to double count O O O If yes, report color combination(s) in the comments section on back of form and report to USFWS. otal Survey Hrs Z, 5 O O O O O | Survey # 5 Observer(s) Chet Mc Gewgh | 14 July 11 Start | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| totals do not equal the sum of ach column. Include only esident adults. Do not include higrants, nestlings, and edglings. Total Adult Pairs Total Total Total Territories Were any Willow Flycatchers color-banded? Yes_ No te careful not to double count adividuals. O O O O O total Survey Hrs 2, 5 O O O O O | | Total hrs 0.5 | · . | | | | | | | s. | | |
| the careful not to double count of the comments of the careful not to double count of the comments of the careful not to double count of the comments of the c | Totals do not equa each column. Inclu resident adults. D migrants, nestlings | al the sum of ade only o not include | Adult | | | | Were any Willow Flycatc | hers co | lor-ba | nded? Yes | No | |
| Reporting Individual Stephen J. Myers Date Report Completed 10/31/11 | individuals. | | 0 | 0 | a section on book of form and you get to LICENVC | | | | | | | |
| US Fish and Wildlife Service Permit # TF \$04203-7 State Wildlife Agency Permit # 56 -1951 | Reporting | Individual _ | Stephe | n J. M | yers | | Date Report Completed | i_ (0/ : | 31/1 | 1 | | |

Submit form to USFWS and State Wildlife Agency by September 1^{st} . Retain a copy for your records.

| Reporting Individual <u>Stephen J. Myers</u> Affiliation <u>AMEC</u> | Phone # | # 951- | 369-8060 ext 111 , <u>myels@amcc.com</u> leted |
|--|---------------|-------------|--|
| Affiliation AMEC | E-mail | stepheni | MURIS@ AMEC. COM |
| Site Name Velley - Tryglen Project (De Palma Road Outlier) | Date R | eport Comp | leted |
| Was this site surveyed in a previous year? Yes No V Unknown | | -perio demp | |
| Did you verify that this site name is consistent with that used in previous years? | Yes | No | Not Applicable 🖊 |
| If site name is different, what name(s) was used in the past? | ~ ~ | | |
| If site was surveyed last year, did you survey the same general area this year? | Yes | | If no, summarize below. |
| Did you survey the same general area during each visit to this site this year? | Yes 📈 | No | If no, summarize below. |
| Management Authority for Survey Area: Federal Municipal/County Name of Management Entity or Owner (e.g., Tonto National Forest) | State | Tribal | Private 🖌 |
| Length of area surveyed: 0.13 (km) | | | |
| Vegetation Characteristics: Check (only one) category that best describes the pr | edominant tr | ee/shrub fo | liar layer at this site: |
| \times Native broadleaf plants (entirely or almost entirely, > 90% native) | | | |
| Mixed native and exotic plants (mostly native, 50 - 90% native) | | | |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | | | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | | | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use sci Salix spp., Bacchemis salicitolia, Quercus agrit | entific names | 3. | |
| Average height of canopy (Do not include a range): | | (meters) | |

Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) of survey area, outlining survey site and location of WIFL detections; 2) sketch or aerial photo showing site location, patch shape, survey route, location of any detected WIFLs or their nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. Describe any unique habitat features in Comments.

Comments (such as start and end coordinates of survey area if changed among surveys, supplemental visits to sites, unique habitat features. Attach additional sheets if necessary.

Territory Summary Table. Provide the following information for each verified territory at your site.

| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Description of How You Confirmed Territory and Breeding Status (e.g., vocalization type, pair interactions, nesting attempts, behavior) |
|---------------------|--|------------------------|-------|------------------------------|--------------------------|--|
| | | | | | | |
| | n 1985 Angeler States Angeler States | | | | | |
| | | 1 11 - 14 2 - 14 | | | | |
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| | | | | | 친구가 가진 것 것 못했다. | l Detection Form (revised | | | | | | |
|--|---|-----------------------------|-----------------|----------------------|--|--|---------------|-----------|--|----------|--|--|
| Site Name USGS Qua | Valley -In ad Name | Alber | Project hill | (Indian ⁻ | Truck Trail Oc | <u>tlier</u> State <u>CA</u> Count Elevation <u>3</u> 5 | r_{N} | iver | side (me | eters) | | |
| Creek, Riv | er, Wetland, | or Lake] | Name | | | ightings attached (as requi | | | | | | |
| | | | | | | | | | | Io | | |
| Survey Co | ordinates: Si | tart: E | 158210 |) | N 37344 | 450 UTM 40 UTM | Datum Zone | WG5 11 | 8 <u>4</u> (See instru | ictions) | | |
| If surv | vey coordinat | es chang | ed betweer | n visits, en | ter coordinate | es for each survey in comm | ents see | ction of | on back of thi | s page. | | |
| | [] | ** | Fill in ac | lditional | site inforn | nation on back of this | page | ** | | | | |
| Survey # Date (m/d/u) Number Estimated Estimated Y or N potential threats [livestock, individual | | | | | | | | | rdinates for WIFL Detections optional column for documenting ls, pairs, or groups of birds found on ey). Include additional sheets if | | | |
| Survey # 1 Observer(s) | Date | | | | | | # Birds | Sex | UTM E | UTM N | | |
| Chet | 24 May 11 Start | ~ | 2 | ~ | | | | | | + | | |
| McGaugh | Stop | O | Õ | 0 | N | | | | | | | |
| | Total hrsd.Z | | - | | | | | | | | | |
| Survey # 2 Observer(s) Chet | Date G Tvne 11 Start | 0 | 0 | 0 | N) | | # Birds | Sex | UTM E | UTM N | | |
| Mc Gaush | Stop | | U | U | IV | | | | | | | |
| | Total hrs0,2 | - | | | 1 | | | | | | | |
| Survey # 3 ^{Observer(s)} Chet McGauzh | Date 17 Jvne 11 Start Stop | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | | |
| | Total hrs 0, Z | | | | | | | | | | | |
| Chet | Date 28 June Start | ^ | ~ | 0 | ĸI | | # Birds | Sex | UTM E | UTM N | | |
| McGaugh | Stop | 0 | 0 | U | N | | | | | | | |
| | Total hrs0.2 | | | | | | | | | | | |
| Survey # 5 Observer(s) Chet McGauzh | Date 14 July 11 Start Stop Total hrs0.2 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | | |
| Overall Site Su Totals do not equa each column. Inclu resident adults. D migrants, nestling: | l the sum of ide only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycate | hers co | lor-ba | nded? Yes | No | | |
| fledglings. Be careful not to d individuals. | ouble count | 0 | 0 | 0 | 0 | If yes, report color combin section on back of form an | | | | | | |
| Total Survey Hrs Reporting | Individual _ | Stephen | T. M | 1.15 | <mark>El en entre en el en El en el e</mark> | Date Report Completed | 1 16 | 31/1 | 1 | | | |
| US Fish an | d Wildlife S | ervice Pe | rmit # | E 80420 | 13-9 | State Wildlife Agency F | | | | | | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting | Individual Ste | iphen J. My | jers | : ``` | Ph | one # <u>957 -</u> | -369-8060 ext 111 |
|--------------------------|--|--|--|--|-----------------------------|--|---|
| Site Name | Valley-Ivyglen | <u>Project (India</u> | an Truck Trail | Unknown | | | -369 -8060 ext (11 <u>inj: myers@amec.con</u> pleted Not Applicable V |
| If site nam | ne is different, wh | at name(s) was u ar, did you survey | sed in the past?_ | | | | |
| | | eneral area during | | | Yes _ | $\sim N_0$ | If no, summarize below. If no, summarize below. |
| Manageme Name of N | ent Authority for Management Enti | Survey Area: ty or Owner (e.g. | Federal N , Tonto National | Aunicipal/County l Forest) | / Sta | ate Triba | al Private <u>//</u> |
| Length of | area surveyed: | 0.10 (km |) | | | | |
| Vegetation | n Characteristics: | Check (only one |) category that b | est describes the | predomin | ant tree/shrub f | foliar layer at this site: |
| ۲ ۲ | Native broadleaf | plants (entirely or | r almost entirely | , > 90% native) | | | |
| 1 | Mixed native and | exotic plants (me | ostly native, 50 - | - 90% native) | | | • |
| 1 | Mixed native and | exotic plants (me | ostly exotic, 50 - | - 90% exotic) | | | |
| I | Exotic/introduced | l plants (entirely o | or almost entirel | y, > 90% exotic) | | | |
| Identify th | e 2-3 predomina Sqlix_spp | nt tree/shrub spec | cies in order of d fremont | lominance. Use : 11 | scientific n | ames. | |
| | • | Do not include a | | | | (meters) | |
| WIFL dete nests; 3) p | ections; 2) sketch hotos of the inter | or aerial photo s ior of the patch, e | howing site loca exterior of the pa | tion, patch shape tch, and overall s | e, survey ro ite. Descri | ute, location of be any unique h | ng survey site and location of f any detected WIFLs or their nabitat features in Comments. visits to sites, unique habitat |
| | | sheets if necessa | | Ũ | 0,000 | ** | |
| | | | | | | | |
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| Tomitom | Summory Toblo | Provide the follo | | | - 4 4 | ······································ | |
| | | | | | | | |
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Territo (e.g., vocali | on of How You Confirmed ory and Breeding Status zation type, pair interactions, ng attempts, behavior) |
| | | | | | | | |
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| | | . • | | and a second | | ······ | |

| | | Willov | v Flvcatch | ner (WIFI | L) Survey and | d Detection Form (revised | l April | 2010) |) | |
|--|--|--|---------------------------------|---------------------------------------|--|--|----------------------|-----------------------------------|--|-----------------------------|
| Site Name USGS Qua | Valley -In ad Name _L | | | | | ers) State <u>CA</u> Count Elevation <u>3</u> (Tributery) ightings attached (as requi | | | | |
| Creek, Riv Is cop | ver, Wetland, by of USGS n | or Lake nap mark | Name <i>(ed with si</i> | <u> cmesc</u> irvey area | and WIFL s | (Tributery) ightings attached (as requi | ired)? | | Yes <u> </u> | o |
| | | tart: E <u>4</u> top: E <u>2</u> tes chang | 57880 157930 ed betwee |) n visits, er | N <u>3735</u> N <u>37348</u> Iter coordinate | UTM <u>370</u> uTM UTM uTM utim | Datum Zone _ | $\frac{\omega_{GS}}{11}$ | | ctions) page. |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Nest(s) Found? Y or N If Yes, number of nests | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | (this is individu | an optic lals, pai rvey). J | es for WIFL Dete nal column for do irs, or groups of b Include additional | ocumenting irds found on |
| Survey # 1 Observer(s) Chet | Date 24 May 11 Start | | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| McGargh | Stop Total hrs 0.6 | | | - | | | | | | |
| Survey # 2 ^{Observer(s)} Chet McGavgh | Date 6 June (1 Start Stop Total hrs0 <u>, 6</u> | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | |
| Survey # 3 Observer(s) Chet McGaugh | Date 7 Jvne Start Stop Total hrs0,6 | Ø | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Survey # 4 ^{Observer(s)} Chet McGavyh | Date 23 JUne Start Stop Total hrs0.6 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Survey # 5 ^{Observer(s)} Chet Mc Gaugh | Date 14 July 11 Start Stop Total hrs <u>0, 6</u> | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Overall Site St Totals do not equa each column. Inclu resident adults. D migrants, nestlings fledglings | al the sum of ude only to not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatc | hers co | lor-ba | nded? Yes | No |
| fledglings. Be careful not to d individuals. | 99 - C. | 0 | 0 | 0 | | If yes, report color combines section on back of form an | | | | |
| | 3,0 Individual nd Wildlife S | | | = 80420 |)3-9 Idlifa Agana | Date Report Completed State Wildlife Agency F | | | 11 1957 | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting Individual _ Stephen J. MyersPtAffiliation _ A M EcESite Name Valley - Luyglen Project (old Road Outliers)DWas this site surveyed in a previous year? Yes No Unknown | hone # 957 - 369 - 8060 -mail <u>stephen. ;. my ers @ amcc</u> com Pate Report Completed |
|--|--|
| Affiliation $AMEC$ E | -mail stephen; myers@amcc.con |
| Site Name Valley- Tuyglen Project (old Road Outliers) D | Pate Report Completed |
| Was this site surveyed in a previous year? Yes No 🖌 Unknown | |
| Did you verify that this site name is consistent with that used in previous years? Yes _ If site name is different, what name(s) was used in the past? | |
| If site was surveyed last year, did you survey the same general area this year? Yes | No If no, summarize below. |
| Did you survey the same general area during each visit to this site this year? Yes \underline{v} | No If no, summarize below. |
| Management Authority for Survey Area: Federal Municipal/County St Name of Management Entity or Owner (e.g., Tonto National Forest) | tate Tribal Private |
| Length of area surveyed: 0.26 (km) | |
| Vegetation Characteristics: Check (only one) category that best describes the predomin | nant tree/shrub foliar layer at this site: |
| Native broadleaf plants (entirely or almost entirely, $> 90\%$ native) | |
| Mixed native and exotic plants (mostly native, 50 - 90% native) | |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use scientific Salix 5pp., Populus fremontii; Quercus agritol | names. |
| Average height of canopy (Do not include a range): /D | 22 |
| Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) of surv WIFL detections; 2) sketch or aerial photo showing site location, patch shape, survey re nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. Descr | oute, location of any detected WIFLs or their |
| Comments (such as start and end coordinates of survey area if changed among surveys features. Attach additional sheets if necessary. | s, supplemental visits to sites, unique habitat |
| | |
| | |

Territory Summary Table. Provide the following information for each verified territory at your site.

| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Description of How You Confirmed Territory and Breeding Status (e.g., vocalization type, pair interactions, nesting attempts, behavior) |
|---------------------|-----------------------|-------|-------|------------------------------|--------------------------|--|
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| | | | | | | d Detection Form (revised | - | | | | |
|--|--|--|---------------------------------|---------------------------------------|---|--|---------------------------------|---|---------------------|---------|--|
| Site Name | Valley-Iv | yglen | Projec | f (Ya | rd Outlie | r) State <u>A</u> Coun Elevation <u>3</u> <u>5 Temescal Wash</u> ightings attached (as requ | ty Ri | ver | side | | |
| USGS Qua Creek, Riv | ad Name <u> </u> | or Lake | <u>Га́фе</u> и Name Uni | is named ti | ributary t | Elevation <u>5</u> . 6 Temescal Wash | 25 | | (me | eters) | |
| Is cop | ny of USGS n | nap marl | ked with si | urvey area | and WIFL s | ightings attached (as requ | ired)? | | YesN | "o | |
| Survey Co | ordinates: S | tart: E | 457760 | | N <u>3735</u> | /70 UTM //0 UTM | Datum | W65 | 84(See instru | ctions) | |
| If sur | S vey coordina | top: E <u></u> tes chang | <u>15 7 690</u> ed betwee |) n visits, er | N <u>3735</u> Iter coordinate | UTM es for each survey in comm | Zone _ nents se | // ction (| on back of this | s nage | |
| | - - | | | | | nation on back of this | | | | . hage. | |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Nest(s) Found? evidence of pairs or breeding; (tl Y or N potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If | | (this is individu each su | GPS Coordinates for WIFL Detections (this is an optional column for documenting individuals, pairs, or groups of birds found on each survey). Include additional sheets if necessary. | | | |
| Survey # 1 Observer(s) | Date 7/1/1/2011 | | | | | | # Birds | Sex | UTM E | UTM N | |
| Chet | 24 May 11 Start | | | | <i>.</i> . | | | | | | |
| MGuugh | Stop | O | 0 | 0 | N | | | | | | |
| | Total hrs0.25 | | | | | | | | | | |
| Survey # 2 ^{Observer(s)} Chet Mc Gaugh | Date 6 June 11 Start Stop | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| · • • • • | Total hrs0,25 | | | | | | | | | - | |
| Survey # 3 Observer(s) Chet McGargh | Date 17 June II Start Stop Total hr.9.25 | 0 | 0 | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| Survey # 4 | Date | | | | | | # Birds | Sex | UTM E | UTM N | |
| ^{Observer(s)} Chet McGåuzh | 29 June II Start Stop Total hrs <u>0,25</u> | 0 | 0 | 0 | N | | | | | | |
| Survey#5 ^{Observer(s)} Chet McGawyh | Date 14 July 11 Start Stop Total hrs <u>0.25</u> | 0 | Ô | 0 | N | | # Birds | Sex | UTM E | UTM N | |
| Overall Site Summary Totals do not equal the sum of each column. Include only resident adults. Do not include migrants, nestlings, and | | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycate | hers co | lor-ba | nded? Yes | No | |
| fledglings. Be careful not to double count individuals. Total Survey Hrs 1.25 | | O If yes, report color combination(s) in the comments section on back of form and report to USFWS. | | | | | | | | | |
| Reporting | Individual 2 | Stephen | h J. N | yers | 1. 1. 22 (* 1. 33.) | Date Report Complete | | 311 | 1(| | |
| US Fish ar | nd Wildlife S | ervice Pe | rmit # TF | 80420 | 13-9 | State Wildlife Agency] | | | - 1951 | ····· | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting Affiliation | Individual <u>Sta</u> | ephen J. M | Phon | Phone # <u>957 - 369 - 8060 ext 111</u> E-mail <u>stephenoj myers @ amec</u> .co. Date Report Completed | | | | | |
|--------------------------------|---|--|---|---|-------------------------------------|--|--|--|--|
| Site Name Was this s | Velley - Ivygle site surveyed in a | e <u>phen J. M</u> en Project (previous year?) | | | | | | | |
| Did you v | erify that this site | e name is consiste 1at name(s) was u | nt with that used | l in previous year | rs? Yes | No 1 | Not Applicable 🖌 | | |
| If site was | s surveyed last ye | ar, did you surve eneral area during | y the same gener | | Yes $\overline{}$ Yes $\overline{}$ | No If No If | no, summarize below. no, summarize below. | | |
| Managem Name of N | ent Authority for Management Enti | Survey Area: ty or Owner (e.g. | Federal N , Tonto National | /unicipal/County l Forest) | ' State | Tribal | Private | | |
| Length of | area surveyed: | 0.09 (km |) | | | | | | |
| Vegetation | n Characteristics: | Check (only one |) category that b | est describes the | predominan | t tree/shrub folia | r layer at this site: | | |
|] | Native broadleaf | plants (entirely o | almost entirely | , > 90% native) | | | | | |
| <u> </u> | Mixed native and | exotic plants (mo | ostly native, 50 - | - 90% native) | | | | | |
| 1 | Mixed native and | exotic plants (mo | ostly exotic, 50 - | - 90% exotic) | | | | | |
| I | Exotic/introduced | l plants (entirely o | or almost entirel | y, > 90% exotic) | | | | | |
| Identify th | ne 2-3 predomina Sali× 5ρρ. | nt tree/shrub spec <u>Ev ca ly pt</u> | vies in order of d いらいらり | lominance. Use s | scientific nan | ies. | | | |
| | | Do not include a | | | | (meters) | | | |
| WIFL detenests; 3) p | ections; 2) sketch hotos of the inter s (such as start ar | or aerial photo s ior of the patch, e | howing site loca xterior of the par s of survey area | tion, patch shape tch, and overall s | , survey rout ite. Describe | e, location of any any unique habit | urvey site and location of y detected WIFLs or their tat features in Comments. s to sites, unique habitat | | |
| | i Line and and a second | | | | | | | | |
| <u>alan an</u> Sarang balan | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | ······ | | | |
| Territory S | Summary Table. | Provide the follo | wing informatio | n for each verifie | ed territory a | t your site. | | | |
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Territory a (e.g., vocalizatio | of How You Confirmed and Breeding Status on type, pair interactions, ttempts, behavior) | | |
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| | an An Ngar | | | | | | | | |
| | | | 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - | | | | | | |
| | | · | | | | | | | |

Attach additional sheets if necessary

| | | Willov | v Flvcatch | ier (WIFI | .) Survey and | l Detection Form (revised | l April | 2010) | | |
|--|--|-----------------------------|---------------------------------|---------------------------------------|--|--|-------------------|-----------------------------------|--|-----------------------------|
| Site Name | Valley -I | | | | 이 이 지원을 물 | | - | | | |
| USGS Qua Creek, Riv | ad Name er, Wetland, v of USCS n | <u>aEe</u> M or Lake I | a thew g Name Unit | named + | ributary to | State <u>CA</u> Coun Elevation <u>Temescal Wash</u> ightings attached (as requ | 315 ired)? | | (me | eters) |
| | | | | | | | - | | | |
| If surv | S vey coordinat | tes chang | ed between | n visits, en | ter coordinate | UTM <u>320</u> UTM UTM UTM | ents se | ction o | on back of this | s page. |
| <u></u> | [| ** | Fill in ac | lditional | site inforn | nation on back of this | page | ** | | |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Nest(s) Found? Y or N If Yes, number of nests | Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If <i>Diorhabda</i> found, contact USFWS and State WIFL coordinator | (this is individu | an optio 1als, pai rvey). I | es for WIFL Dete nal column for de rs, or groups of b nclude additional | ocumenting irds found on |
| Survey # 1 | Date | | | | | | # Birds | Sex | UTM E | UTM N |
| observer(s) Chet McGaugh | Date 24 May Il Start Stop | Ö | 6 | 0 | N | | | | | |
| 0 // 0 | Total hrs / | | | | | | | | | |
| Chet | Date 5 June 11 Start | 0 | Ó | Ó | N | | # Birds | Sex | UTM E | UTM N |
| McGaugh | Stop Total hrs | | Ū | Ŭ | | | | | | |
| Survey # 3 Observer(s) Cheet | Date 17 June 11 Start | | | | | | # Birds | Sex | UTM E | UTM N |
| McGaugh | Stop Total hrs | 0 | 0 | 0 | N | | | | | |
| Survey # 4 Observer(s) Met | Date 28 June 11 Start | | | | | | # Birds | Sex | UTM E | UTM N |
| Mc Gaizh | Stop Total hrs | 0 | 6 | 0 | N | | | | | |
| Survey # 5 Observer(s) Chet | Date 14 Jvne [Start | | | | _ | | # Birds | Sex | UTM E | UTM N |
| MGaugh | Stop Total hrs | 0 | 0 | 0 | N | | | | | |
| Overall Site St Totals do not equa each column. Inclu resident adults. D migrants, nestling: | al the sum of ude only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatc | hers co | lor-ba | nded? Yes | _No |
| fledglings. Be careful not to c individuals. Total Survey Hrs_ | _ | 0 | 0 | 0 | | If yes, report color combi section on back of form a | | | | |
| | Individual <u></u> | Stephe | n J. A | Ivers | and the second | Date Report Completed | d /0 | 1311 | /1 | |
| US Fish ar | nd Wildlife S | ervice Pe | rmit # <u>TE</u> | 80420 | | State Wildlife Agency I | | | | |

<u>Submit</u> form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting Individual <u>Stephen J. Myers</u> Affiliation <u>AMEC</u> Site Name <u>Valley-Ivyglen Project (El Hermano Outliers)</u> Was this site surveyed in a previous year? Yes No V Unknown | Phone # 957-369-8060 ext 111 |
|---|--|
| Affiliation $AMEC$ | Phone # <u>957-369-8060</u> ext 111 E-mail <u>stephen</u> , <u>j. myers @ amec.com</u> Date Report Completed |
| Site Name Valley-Ivyglon Project (El Hermano Outliers) | Date Report Completed |
| Was this site surveyed in a previous year? YesNo 🗸 Unknown | |
| Did you verify that this site name is consistent with that used in previous years? | Yes No Not Applicable 🖌 |
| If site name is different, what name(s) was used in the past? | |
| If site was surveyed last year, did you survey the same general area this year? | Yes No If no, summarize below. |
| Did you survey the same general area during each visit to this site this year? | Yes $$ No $$ If no, summarize below. |
| Management Authority for Survey Area: Federal Municipal/County | State Tribal Private |
| Length of area surveyed: <u>0,60</u> (km) | |
| Vegetation Characteristics: Check (only one) category that best describes the pre- | edominant tree/shrub foliar layer at this site: |
| Native broadleaf plants (entirely or almost entirely, > 90% native) | |
| \times Mixed native and exotic plants (mostly native, 50 - 90% native) | |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use scie Salix 5pp., Tamarix ramosissima, Populusa | entific names. Fremontij |
| Average height of canopy (Do not include a range): | |
| Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) WIFL detections; 2) sketch or aerial photo showing site location, patch shape, su nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. | urvey route, location of any detected WIFLs or their |
| Comments (such as start and and accordinates of survey area if changed among a | |

Comments (such as start and end coordinates of survey area if changed among surveys, supplemental visits to sites, unique habitat features. Attach additional sheets if necessary.

| | | information | | |
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| Tomitory | All Datas | TITNET | TITNAN | Data | | |
|-----------|-----------|--------|-----------|------------------|--------|--|
| Territory | All Dates | UTM E | UTM N | Pair | Nest | Description of How You Confirmed |
| Number | Detected | | 1 1 | Confirmed? | Found? | Territory and Breeding Status |
| | | | 1 1 | Y or N | Y or N | (e.g., vocalization type, pair interactions, |
| | | | | | | nesting attempts, behavior) |
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| | | | | | | l Detection Form (revised | | | | |
|---|--|------------------------------|---------------------------------|---------------------------------------|--|---|------------------------|--------------------------------------|--|-----------------------------|
| Site Name USGS Qua | Valley - Iv | yglen f Lake 1 | roject Natheu | <u>(Temes</u> 15 | cal Wash O | <u>vHier</u> State <u>CA</u> Count Elevation3 | y <u>Ri</u> 05 | verg | 5, de (me | ters) |
| Is cop | y of USGS n | or Lake I <i>1ap mark</i> | Name <u> </u> ced with su | <u>irvey</u> area | and WIFL s | ightings attached (as requi | ired)? |] | YesN | |
| Survey Co | ordinates: St | art: E_4 | 56900 | | N <u>3735</u> | 9 <i>90</i> UTM | Datum | WGS 8 | <u>84</u> (See instru | ctions) |
| If surv | S [:] vev coordinat | top: E <u>4</u> es change | ed between | n visits, en | N <u>37359</u> ter coordinate | 990 UTM 550 UTM es for each survey in comm | Zone _ | <u>l/</u> | on back of this | nage |
| | , | **1 | Fill in ac | lditional | site inforn | nation on back of this | page | ** | | |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated Number of Territories | Nest(s) Found? Y or N If Yes, number of nests | potential threats [livestock, cowbirds, <i>Diorhabda</i> spp.]). If | (this is a individu | an option nals, pain rvey). In | es for WIFL Dete nal column for do rs, or groups of b nclude additional | ocumenting irds found on |
| Survey # 1 Observer(s) Chet | Date 24 May 11 Start | | | | | | # Birds | Sex | UTM E | UTM N |
| Mc Gaugh | Stop Total hr:0,25 | 0 | 0 | 0 | N | | | | | |
| Survey # 2 Observer(s) Chef | Date 6 June U Start | | ~ | 0 | | | # Birds | Sex | UTM E | UTM N |
| Mc Gaug L | Stop Total hrs 0,25 | 0 | 0 | 0 | N | | | | | |
| Survey # 3 Observer(s) Chet | Date [7 June 11 Start | | | | | | # Birds | Sex | UTM E | UTM N |
| McGaugh | Stop Total hrs 0,25 | Ô | Ô | 0 | N | | | | | |
| Survey # 4 Observer(s) Chet | Date 28J·nc 11 Start | | | | | | # Birds | Sex | UTM E | UTM N |
| McGauzh | Stop Total hrs 0,25 | 0 | 0 | Õ | N | | | | | |
| Survey # 5 Observer(s) Chet McGaugh | Date 14 July 11 Start Stop Total hrs0.25 | 0 | 6 | 0 | N | | # Birds | Sex | UTM E | UTM N |
| Overall Site Su Totals do not equa each column. Inclu resident adults. D migrants, nestlings fledglings. | l the sum of ude only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycate | | | <u></u> | No |
| Be careful not to d individuals. Total Survey Hrs | | 0 | 0 | \mathcal{O} | O | If yes, report color combin section on back of form an | | | | |
| Reporting | Individual nd Wildlife S | | | | 3-9 | Date Report Completed State Wildlife Agency F | | 31 <u>5</u> C | 1 - 951 | |

Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting | Individual <u>Standard</u> | ephen J. My | jens | | Phc | ne # <u>951</u> | - 369 - | 8060 ex | <u>+ 111</u> |
|--|---|--|---|--|------------------------------|-----------------------------------|---|--|--------------------------|
| Site Name Was this s | $\frac{FM}{Valley} - \frac{FV}{Vygl}$ | ephen J. My en Project (7 previous year? | Emescal Was | h attier) | E-n Dat | nail <u>Stephe</u> e Report Co | <u>n.j.</u> mpleted | <u></u> | <u>mcc.</u> com |
| Did you v | erify that this site | e name is consistent hat name(s) was u | ent with that used | d in previous year | rs? Yes | | i da series de la companya de la com | | |
| | | ar, did you surve eneral area durin | | | Yes Yes \underline{V} | No No | _ If no, _ If no, | summarize summarize | below. below. |
| Managem Name of N | ent Authority for Management Enti | Survey Area: ity or Owner (e.g | Federal N ., Tonto Nationa | Aunicipal/County 1 Forest) | ' Sta | te Tril | oal | Private | |
| Length of | area surveyed: _ | 0.09 (km |) | | | | | | |
| Vegetation | n Characteristics | : Check (only one | e) category that b | pest describes the | predomina | nt tree/shrub | foliar la | yer at this si | ite: |
| <u> </u> | Native broadleaf | plants (entirely o | r almost entirely | v, > 90% native) | | | | | |
| I | Mixed native and | l exotic plants (m | ostly native, 50 · | - 90% native) | | | ι. | | |
| 1 | Mixed native and | l exotic plants (m | ostly exotic, 50 | - 90% exotic) | | | | | |
| I | Exotic/introduced | d plants (entirely | or almost entirel | y, > 90% exotic) | | | | | |
| Identify th | e 2-3 predomina Salix spp | ant tree/shrub spec | cies in order of c | lominance. Use s | scientific na | imes. | | | |
| | | (Do not include a | | | | (meters) | | | |
| WIFL detenests; 3) p | ections; 2) sketch hotos of the inter s (such as start ar | opy of USGS qua n or aerial photo s rior of the patch, e nd end coordinate l sheets if necessa | howing site loca exterior of the pa es of survey area | ation, patch shape tch, and overall s | , survey rou ite. Describ | ite, location e any unique | of any de habitat t | etected WIFI features in C | Ls or their Comments. |
| | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| Territory S | Summary Table. | Provide the follo | owing information | on for each verifi | ed territory | at your site. | | | |
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Terri (e.g., voca | tory and lization t | low You Co Breeding S type, pair in npts, behav | tatus teractions, |
| | | | | | | | | | |
| ······································ | | | | | | | | | <u></u> |
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| | | Willov | v Flycatch | ier (WIFI | .) Survey and | d Detection Form (revised | l April | 2010) | | |
|---|---|-----------------------------|---------------------------------|----------------------|--------------------------|--|--------------------------------|--|---|---------------------------|
| Site Name USGS Qua | <u>Valley</u> -I id Name <u>L</u> er, Wetland, | Vyglen akc N | Project Jathews | C Basir | Outlier) | State <u>C</u> ACoun Elevation3 Z | ty <u>Ri</u> 25 | Vers | 5j'i e (me | ters) |
| | | | | irvey area | and WIFL s | ightings attached (as requ | ired)? | | Yes <u>/</u> N | 0 |
| Survey Co If surv | ordinates: St Si vey coordinat | es chang | ed between | n visits, er | ter coordinate | 720 UTM 260 UTM es for each survey in comm | ents se | ction o | (See instruent | ctions) page. |
| Survey # Observer(s) (Full Name) | Date (m/d/y) Survey time | Number of Adult WIFLs | Estimated Number of Pairs | Estimated | Nest(s) Found? Y or N | nation on back of this Comments (e.g., bird behavior; evidence of pairs or breeding; potential threats [livestock, cowbirds, Diorhabda spp.]). If Diorhabda found, contact USFWS and State WIFL coordinator | GPS Co (this is individu | oordinate an optio 1als, pai rvey). I | es for WIFL Dete nal column for dc rs, or groups of bi nclude additional | cumenting rds found on |
| Survey # 1 Observer(s) Chct McGewyh | Date 24 May Start 0620 Stop 1045 Total hrs <u>4.5</u> | 0 | 0 | 0 | N | Start and mernings, at this | # Birds | Sex | UTM E | |
| Survey # 2 Observer(s) Chet McGauyh | Date GJune I Start CG15 Stop 1010 Total hrs_4 | 0 | Ô | 0 | N | site is a | # Birds | Sex | UTM E | UTM N |
| Survey # 3 Observer(s) Chet Mc Gaugh | Date 17 June II Start 0630 Stop 1130 Total hrs 5 | 0 | 6 | 0 | N | t bottom a | # Birds | Sex | UTM E | UTM N |
| Survey # 4 Observer(s) Chet McGaugh | Date 253 June II Start 0645 Stop II 15 Total hrs <u>4.5</u> | 0 | 0 | 0 | N | entire su ted time s t form. | # Birds | Sex | UTM E | UTM N |
| Survey # 5 Observer(s) Chet McGavgh | Date 14 July 11 Start 0625 Stop 1060 Total hrs <u>3.5</u> | 0 | O | 0 | N | spent | # Birds | Sex | UTM E | UTMN |
| Overall Site St Totals do not equa each column. Inclu resident adults. D migrants, nestling: fledglings. | l the sum of ide only o not include | Total Adult Residents | Total Pairs | Total Territories | Total Nests | Were any Willow Flycatc | | | | <u> 1</u> No |
| Be careful not to d individuals. Total Survey Hrs_ | 1.67 | 0 | 0 | 0 | D | If yes, report color combi section on back of form a | nd repo | rt to L | | |
| US Fish ar | Individual d Wildlife S | ervide Pe | rmit # 7 | E'8042 | 203-9 | Date Report Completed State Wildlife Agency I | Permit # | 150 | - 1951 | |

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Submit form to USFWS and State Wildlife Agency by September 1st. Retain a copy for your records.

| Reporting Individual <u>Stephen J. Myers</u> | Phone | # 957-3 | <u>169-8060 ect 111</u> <u>j. myers@amcccom</u> upleted |
|---|---------------------------------------|-------------|---|
| Affiliation AMEC | E-mail | stephen | inverseamce, com |
| Affiliation AMEC Site Name Valley - Ivyglen Project (Basin Outlier) | Date R | leport Con | ipleted |
| Was this site surveyed in a previous year? Yes V No Unknown | | | |
| Did you verify that this site name is consistent with that used in previous years? | Yes | No 🗸 | Not Applicable |
| If site name is different, what name(s) was used in the past? | | | |
| If site was surveyed last year, did you survey the same general area this year? | Yes | No | If no, summarize below. |
| Did you survey the same general area during each visit to this site this year? | | | If no, summarize below. |
| Management Authority for Survey Area: Federal Municipal/County | State _ | Triba | al Private 🗸 ? |
| Length of area surveyed: (km) | | | |
| Vegetation Characteristics: Check (only one) category that best describes the pr | edominant t | ree/shrub f | oliar layer at this site: |
| Native broadleaf plants (entirely or almost entirely, > 90% native) | | | |
| $\underline{}$ Mixed native and exotic plants (mostly native, 50 - 90% native) | | | |
| Mixed native and exotic plants (mostly exotic, 50 - 90% exotic) | | | |
| Exotic/introduced plants (entirely or almost entirely, > 90% exotic) | | | |
| Identify the 2-3 predominant tree/shrub species in order of dominance. Use scie Salix spp., Baccharis salicitolia, Tamarix | entific name Vamosj | s. ssing | |
| Average height of canopy (Do not include a range):5 | | (meters) | |
| Attach the following: 1) copy of USGS quad/topographical map (REQUIRED) WIFL detections; 2) sketch or aerial photo showing site location, patch shape, su nests; 3) photos of the interior of the patch, exterior of the patch, and overall site. | urvey route, | location of | f any detected WIFLs or their |
| Comments (such as start and end coordinates of survey area if changed among s features. Attach additional sheets if necessary. | surveys, sup | plemental | visits to sites, unique habitat |
| | · · · · · · · · · · · · · · · · · · · | | |

Territory Summary Table. Provide the following information for each verified territory at your site.

| ····· | | | | | | |
|---------------------|--|-------|-------|------------------------------|--------------------------|--|
| Territory Number | All Dates Detected | UTM E | UTM N | Pair Confirmed? Y or N | Nest Found? Y or N | Description of How You Confirmed Territory and Breeding Status (e.g., vocalization type, pair interactions, nesting attempts, behavior) |
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APPENDIX C

WESTERN YELLOW-BILLED CUCKOO SURVEY FORMS



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Yellow-billed Cuckoo Survey Data Form (2009)

Non-Survey Detection (check box)

| Site Owner: | | UTM Stop N | UTM Stop E: | UTM Start N: | UTM Start E: | | Site Code: |
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| State: CA | | | | | | | Site Name: Baker Street Transect #: |
| Count | | | | | | Habitat: | er street |
| y: Riversid | - | | Stop | | Star | | Transect #: |
| ¢ | | | GPS acc. (m): | | GPS acc. (m): | GPS #: | Survey Period: |
| u u | | Observer | NAD: | Zone: | Transect Stop T | Transect Start | / Visit #: / |
| ata Entry: | | : Chet N | | | ime: | Fime: | Date: |
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| | | State: CA County: Riverside | State: CA County: Riverside Observe | State: CA County: Riverside NAD: | State: CA County: Piverside | State: CA County: R', vers, dc | Habitat: GPS #: Transect S Image: Start GPS acc. (m): Transect S |

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Yellow-billed Cuckoo Survey Data Form (2009)

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| Yellow-billed Cuckoo Survey Data Form | (2009) |
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Non-Survey Detection (check box)

Page | of 2

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Non-Survey Detection (check box)

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| Yellow-billed Cuckoo Survey Data Form (2009) | Site Name: Lake Street | Habitat: | | | | | | State: CA County | | |
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| Yellow-billed Cuckoo Survey Data Form (2009) | Site Code: | Drainage: | UTM Start E: | UTM Start N: | UTM Stop E: | UTM Stop N | | Site Uwner: | | Wind: 6 - 7 | Broadcast | -Point | Start | Time | 63 | 0650 | 0714 | 0729 | 0745 | 0758 | 0 8 1 4 | 0829 | 0842 | 0859 | 0915 | 0931 | 0948 | 1005 | 1016 |

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Yellow-billed Cuckoo Survey Data Form (2009)

Non-Survey Detection (check box)

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| on (check box) | #: / Date: 0 8 0 9 2 0 1 / | Transect Start Time: $\left \delta \right 7 \left \delta \right \phi$ | Transect Stop Time: $ o 2 o $ | | | <u>Observer: Chet</u> McGaugh | Data Entry: | Data verification: | 178 | Co | ed. | (m) Acc. | | | | | | | | | | | |
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| orm (2009) Non-Survey Detection (check box) | Transect #: Survey Period: 4 Visit #: | GPS #: Transect S | Start GPS acc. (m): Transect S | Zone: | Stop GPS acc. (m): NAD: | Obs | y: Riverside | | Noise: Temp (F^0) start/stop \mathcal{L}_{5} | | YBCU Detect. Time of mini- | Detect. A,V,B | | | | | | | | | | | |
| Yellow-billed Cuckoo Survey Data Fo | Site Code: Site Name: Lake Street | Drainage: Habitat: | E. | UTM Start N: | UTM Stop E: | UTM Stop N | Site Owner: State: CA County: | | Wind: D Cloud Cover: /bDO Precip: | Broadcast Coordinates listed or | Period / Parma | Time acc. | 6713 E | 0726 E N | SS E | 60 | 822 E | 35 | 9 | 0901 E | 0927 E | 0959 E | 10144 E |

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| Yellow-billed Cuckoo Survey Data Form (2009) | Site Name: Hostettler Royd | <u> </u> | | | | | State: CA | | Cloud Cover: O | Coordinates listed | Surey To | | | | E | | E | D | E | E | E | E | E | B I | E | E | E |
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APPENDIX D

MAPS OF SURVEY AREAS AND SURVEY RESULTS



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Legend



Least Bell's Vireo Occurrence

Subtransmission Centerline

Map Page Indicator

Least Bell's Vireo and Southwestern Willow Flycatcher Survey Area

Least Bell's Vireo, Southwestern Willow Flycatcher and Western Yellow-billed Cuckoo Survey Area





















