

# Sites Terrestrial Species Federal Agency Coordination Meeting Agenda and Action Items



**Date:** October 29, 2019

**Location:** 2800 Cottage Way, Sacramento, CA

**Time:** 1:00p.m. – 3:00 p.m.

**Leader:** Ellen Berryman

**Recorder:** Jelica Arsenijevic (if available)

**Purpose:** Sites BA, Terrestrial coordination with Federal Agencies

## Attendees:

Dan Cordova

Lauren Sullivan

Ellen Berryman

Monique Briard

Jelica Arsenijevic

John Spranza

Ian Boyd

## Agenda:

### Discussion Topic

### Notes

1. Introductions, review meeting topics

2. May Affect/No Effect Species

Any further input on draft we reviewed last week?

3. Plants

4. Vernal Pool Branchiopods

5. Meeting schedule

**Next Meeting:** \_\_\_\_\_

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## Attendees:

Dan Cordova <input checked="" type="checkbox"/>	Lauren Sullivan <input checked="" type="checkbox"/>	Ellen Berryman <input checked="" type="checkbox"/>
Monique Briard <input type="checkbox"/>	<input checked="" type="checkbox"/>	John Spranza <input type="checkbox"/>
Mike Jerico <input checked="" type="checkbox"/>	Jelica Arsenijevic <input type="checkbox"/>	Ian Boyd <input type="checkbox"/>
Steven Emmons <input checked="" type="checkbox"/>	Andrea (Lee) Bartoo <input checked="" type="checkbox"/>	
	Mike Carpenter <input checked="" type="checkbox"/>	

## Actions

Action/Decision	Status	Notes
Ellen to check on Ian's availability Sept. 23 <sup>rd</sup> and 24 <sup>th</sup> , and reschedule the cuckoo meeting.	DONE	Meetings re-scheduled (see latest)
Revisit may affect/no effect table at 10/29 meeting	DONE	See notes below
Decide whether need to conference on longfin smelt/foothill yellow legged frog	In progress	Need to re-visit when BA is in full swing again, to see whether these species have been proposed for listing, or proposed listing is imminent.
For each species or group of species, determine whether surveys should be conducted and if so, how will they be used (e.g., NLAA determinations?). Also discuss timing.	In progress	To discuss with each species group we address.
Lauren to send may affect/no effect table to NWR for review	In progress	
Dan will review and provide comments on the plants and vernal pool inverts. FWS will closely review the materials provided on plants and vernal pool inverts but rather than providing		

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detailed tracked changes, they will let us know if there's anything missing that we should add.

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ICF to continue looking for viable mitigation options for the listed plant species in case they are found and cannot be avoided.

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Ellen will revise schedule, check with Ian, and then re-circulate.      In progress

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Discussion Topic	Notes
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Introductions, review meeting topics	Kellie Berry says no known projects in the area for cumulatives. Will need to coordinate later.
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1. May Affect/No Effect Species	Discussed possibility of Colusa grass – need to look into more, discuss in table. Pools too flashy. May need to re-do IPAC check if too far in the future. <b>ACTION:</b> Lauren will send to refuges for their view.
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2. Plants	Use what Lauren from refuges sent to update any info that might be missing. Approach of treating all habitat as occupied but saying that mitigation will only be for areas later determined to be occupied is okay with FWS and BOR. Need to keep looking for mitigation opportunities for the two listed plant species in case they're found and can't be avoided.
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3. Vernal Pool Branchiopods	<b>Action:</b> Dan will review and provide comments on the vernal pool sections (as well as plants). Need to make sure to incorporate the AMMs from geotech where applicable. <b>Action:</b> FWS will closely review the materials provided but rather than providing detailed tracked changes, they will let us know if there's anything missing that we should add. The created pools on the refuge – haven't found listed species in the pools. Be mindful of those created pools, even though they're south of the road. Identify where pools are and make sure to consider indirect impacts. The pools at the refuge have not been inoculated, but refuges will keep us in the loop if inoculate. Approach of treating all habitat as occupied but saying that mitigation will only be for areas later determined to be occupied is okay with FWS and BOR.
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4. Meeting schedule	The team re-adjusted the project schedule based on everyone's availability. <b>ACTION:</b> Ellen will make sure the schedule works with Ian and then re-circulate.
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## LIST OF DECISIONS FROM PRIOR MEETINGS:

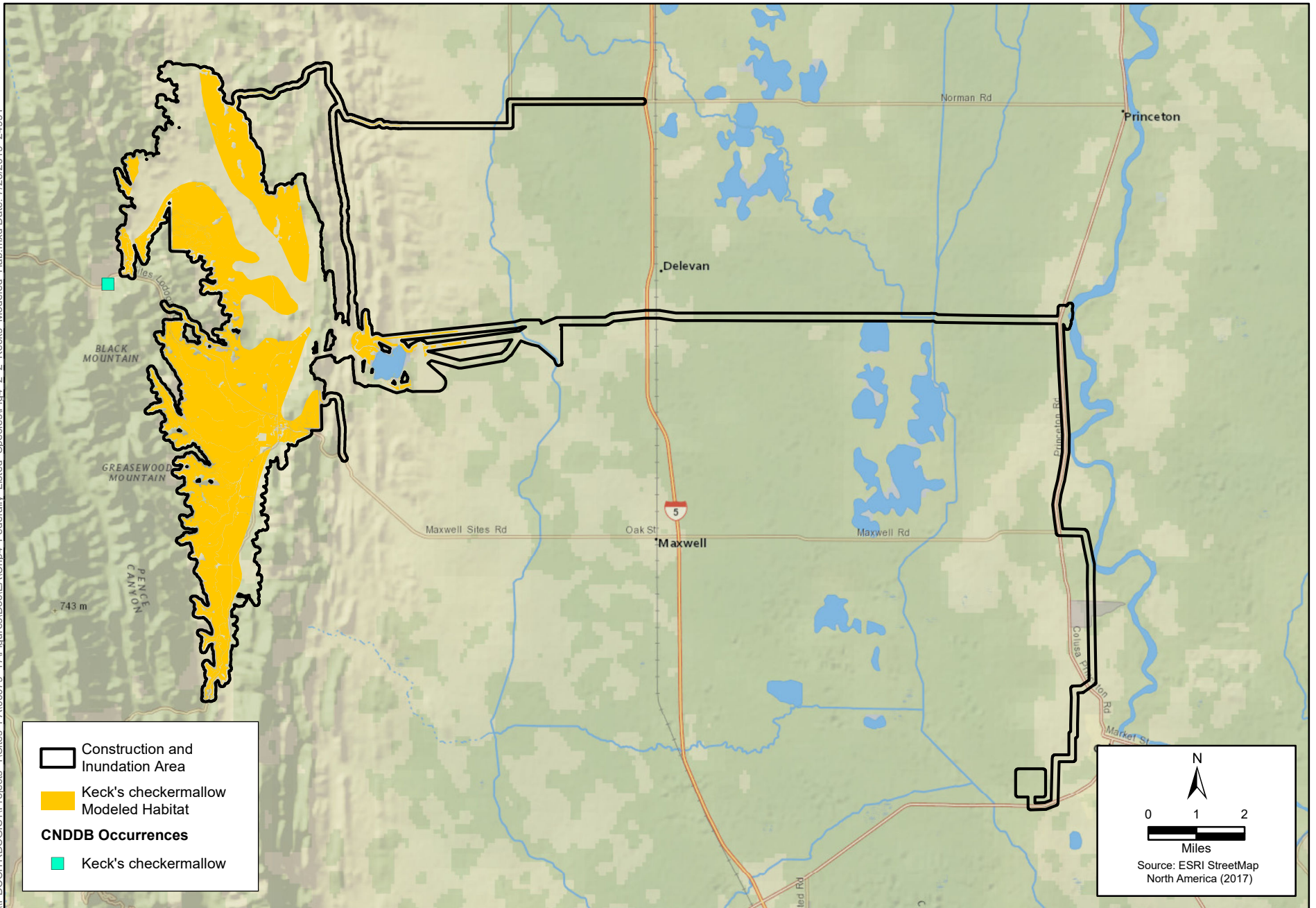
1. From 10/1/2019 meeting:
  - a. Put all fish, wildlife, and plants in the may affect/no effect table in the appendix and don't need to describe all the no-effect species in the Intro chapter, just reference the table in the appendix.
  - b. (from Dan) Make sure the no effect/may affect table has parallel construction with similar findings, terminology (may be an issue if several different people worked on the table).
  - c. (from Lauren) Create two different may-affect columns – one for the construction area and one for operation (flows). Then if either column is “may affect”, it's a may affect finding for the BA.
  - d. (from Lauren) LBV not expected to be of in Yolo Bypass for the Sites project, and the project wouldn't affect other LBV in Delta.
  - e. (from Lauren) -Snowy plover that stops over in the action area is not the listed coastal population segment – no effect on the listed population.
  - f. Project description and lack of available detail for some project components – some of which will not be available prior to the completion of the biological opinion. In the BA project description, state the level of design and we specify where uncertainty is (e.g., size, location of components) but put sideboards around it, such as specifying that maintenance buildings will be within given footprint. The BA can also specify that some components of the project may change and re-initiation will not be required unless it changes effects on the species (use re-initiation language from BOs). Also, in some cases we can say project description can change in a certain way upon USFWS approval (or concurrence that effects do not differ from what was analyzed in the biological opinion).
2. From 10/29/2019 meeting.
  - a. Elaborate on Colusa grass in no effect/may affect table
  - b. Need to make sure to incorporate the AMMs from geotech BA where applicable.
  - c. Okay to treat all suitable habitat as occupied for the BA but to state that only occupied habitat will be mitigated.





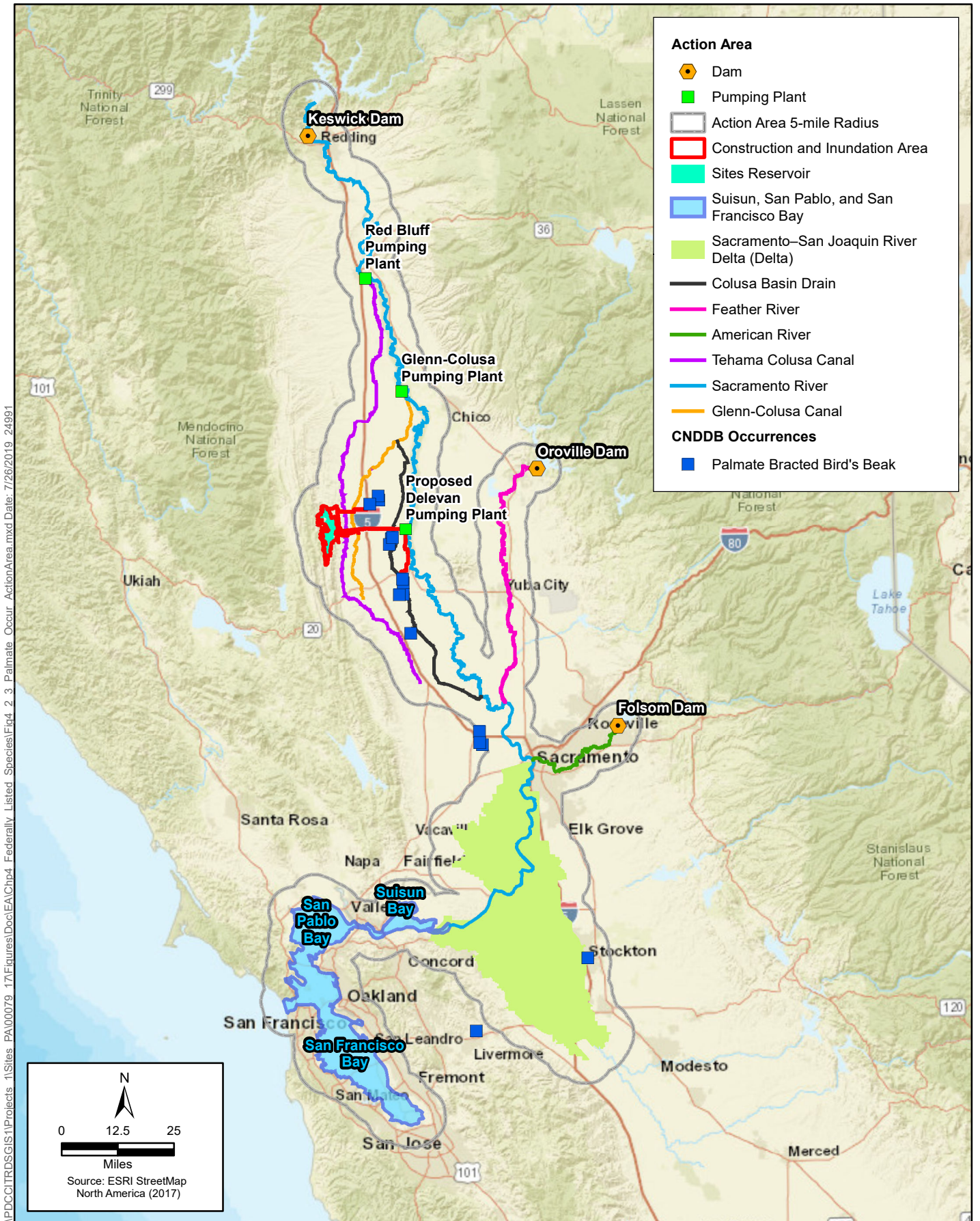


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**Figure 4.2-2**  
**Keck's Checkermallow Modeled Habitat**

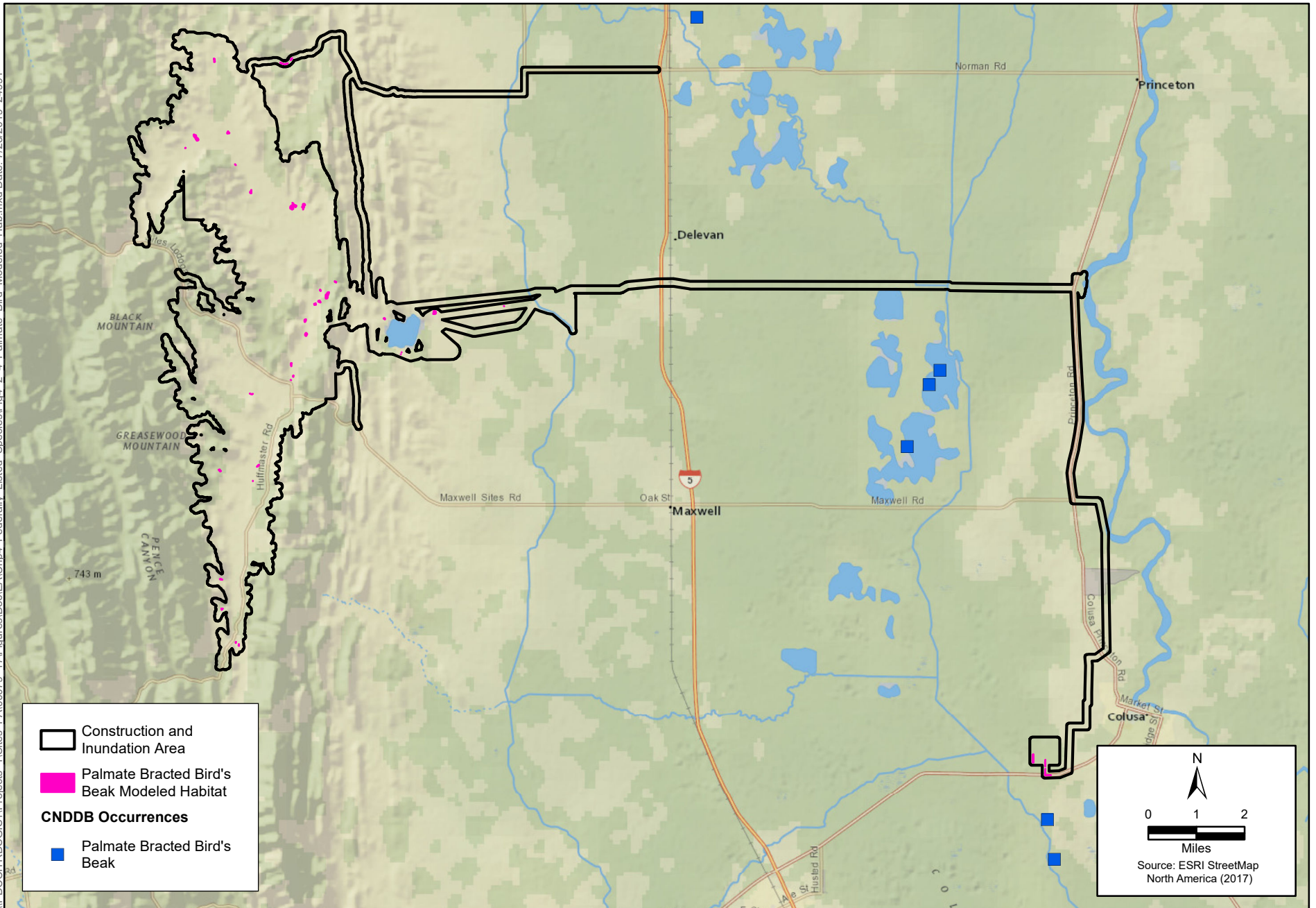




**Figure 4.2-3**  
**Keck's Checkermallow Occurrences and Action Area**



\\PDC\ITRDS\GIS\1\Projects\_1\Sites\_PA\00079\_17\Figures\Doc\EA\Chp4\_Federally\_Listed\_Species\Fig4\_2\_4\_Palmate\_Bird\_Modeled\_Hab.mxd Date: 7/25/2019 24991



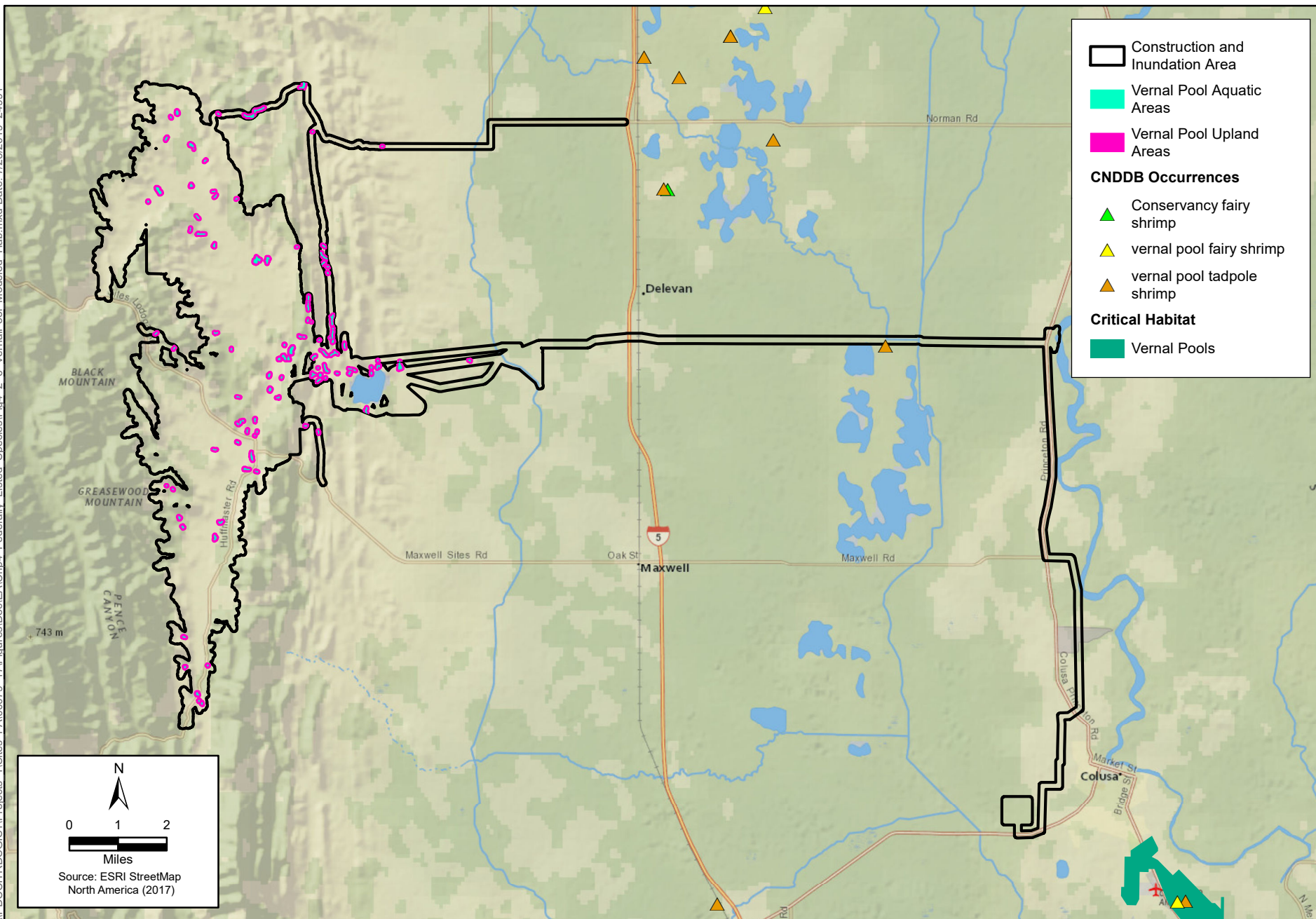
**Figure 4.2-4**  
**Palmate-bracted Bird's-beak Modeled Habitat**







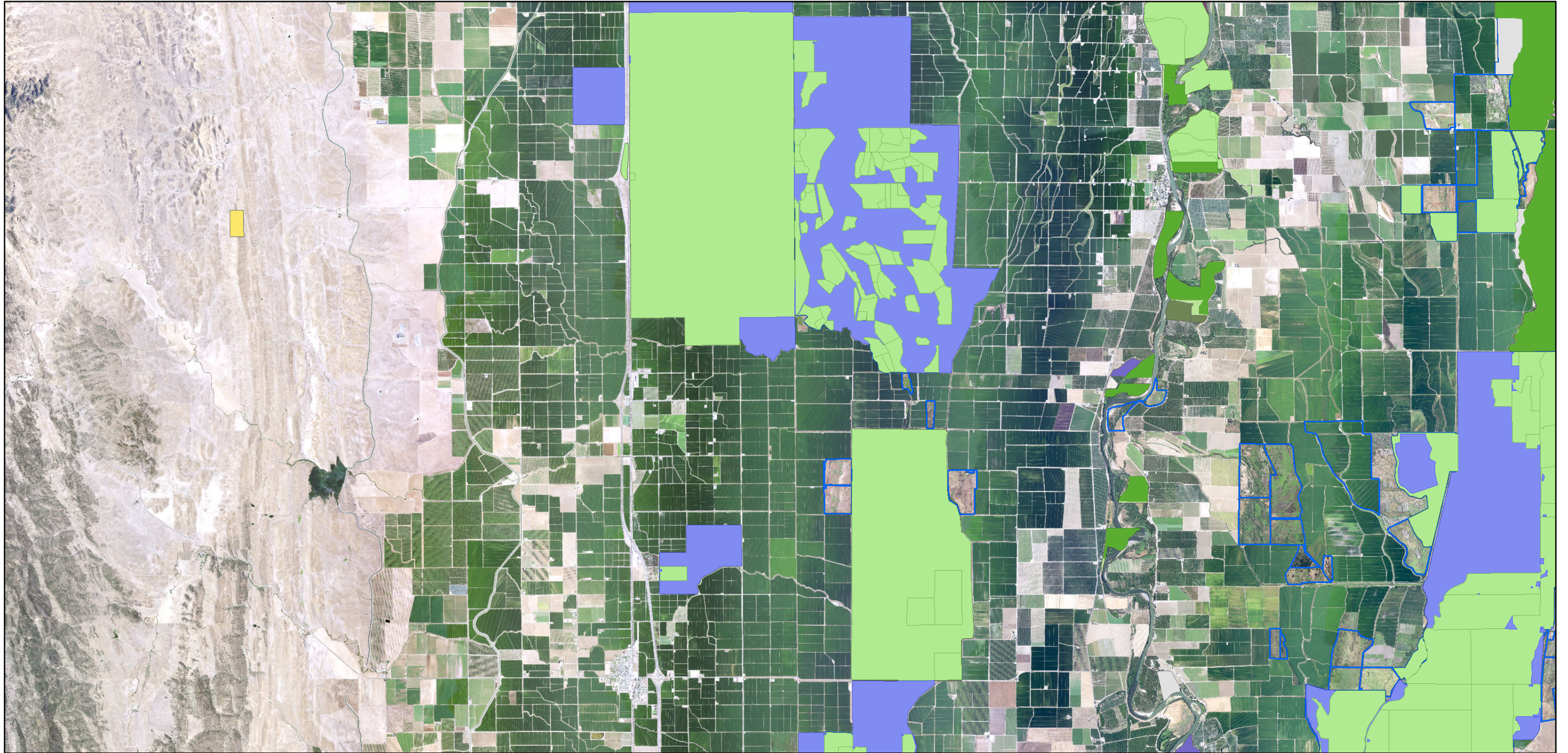
\\PDC\ITRDS\GIS\Projects\_1\Sites\_PA\00079\_17\Figures\Doc\EA\Chp4\_Federally Listed\_Species\Fig4.2.6\_VernalPool\_Modeled\_Hab.mxd Date: 7/25/2019 24991



**Figure 4.2-6**  
**Vernal Pool Crustacean Modeled Habitat**



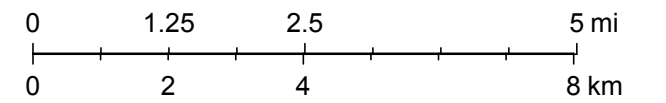
# ArcGIS Web Map



5/30/2019, 10:22:20 AM

1:144,448

- |                                 |  |   |                              |
|---------------------------------|--|---|------------------------------|
| <b>FWS Interest</b>             | Miscellaneous                                | California Department of Parks and Recreation | Other State                  |
| Acquired                        | Public Access                                | City  | Private                      |
| Inholding                       | Undesignated                                 | County  | Special District             |
| <b>Owned and Operated Lands</b> | Wildlife Area                                | National Park Service                         | US Bureau of Land Management |
| Ecological Reserve              | Easements                                    | Non Governmental Organization                 | US Fish and Wildlife Service |
| Fish Hatchery                   | <b>Lands Protected for Open Space - CPAD</b> | Other Federal                                 | US Forest Service            |
| Marine Reserve                  | California Department of Fish and Wildlife   |   |                              |



Bureau of Land Management, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS



## Proposed BA meeting topics and schedule with Reclamation

<b>Week</b>	<b>Deliverable (week prior to topic)</b>	<b>Meeting topic</b>	<b>Meeting date</b>
Sept 16-20	Action Area map, no effect/may affect table	No meeting	No meeting
Sept 23-27	Delivered previous week	Action Area, no effect/may affect table	Sept 24 - done
Oct 21 - 25	VP shrimp and plants (effects, AMMs, and compensatory mitigation)	No meeting	No meeting
Oct 28 – Nov 1		VP shrimp and plants	Oct 29 - done
Nov 4 - 8	cuckoo (effects, AMMs, and compensatory mitigation)	No meeting	No meeting
Nov 11 - 15	CRLF (effects, AMMs, and compensatory mitigation)	cuckoo	Nov 12
Nov 18 - 22	Giant garter snake (effects, AMMs, and compensatory mitigation)	CRLF	Nov 19
Dec 9 - 13	No deliverable	Giant garter snake	Dec 10
TBD	Revised sections to federal agencies	No meeting	
TBD	No deliverable	Revised sections - live edit meeting	TBD