



Photo 3

Date: 08-01-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: Southwest

Description:  
Photo of SP-3.



Photo 4

Date: 08-01-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: North.

Description:  
Upstream view of low  
flow channel.



Photo 5

Date: 08-02-2013

Feature: Drainage 1

Direction: East

Description:  
Upstream view of  
incised, ephemeral  
feature surrounded by  
upland vegetation  
(coastal sage scrub).



Photo 6

Date: 08-02-2013

Feature: Drainage 1

Direction: West

Description:  
Downstream view of  
incised, ephemeral  
feature surrounded by  
coastal sage scrub.



Photo 7

Date: 08-02-2013

Feature: Drainage 1

Direction: Southwest

Description:  
Downstream view of  
incised, ephemeral  
feature surrounded by  
coastal sage scrub.



Photo 8

Date: 08-02-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: North

Description:  
Upstream view of SP-6.



Photo 9  
Date: 08-02-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: East  
Description:  
Photo of SP-7.



Photo 10  
Date: 08-09-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: North  
Description:  
Upstream view of SP-4.



Photo 11

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: West

Description:  
Photo of SP-5.



Photo 12

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: West

Description:  
Photo of SP-8.



Photo 13

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: Northeast

Description:  
Upstream view of SP-9.



Photo 14

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: South

Description:  
Downstream view of  
evidence of scouring  
located immediately  
downstream of the  
confluence of Drainage  
1 and Drainage 2-  
Warm Springs Creek.



Photo 15  
Date: 08-09-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: South  
Description:  
Downstream view of  
SP-10.



Photo 16  
Date: 08-09-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: West  
Description:  
Photo of SP-11.



Photo 17

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: North

Description:  
Upstream view of low  
flow channel.



Photo 18

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: West

Description:  
Photo of SP-12.





Photo 19

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: East

Description:  
Photo of SP-13.



Photo 20

Date: 08-09-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: Northwest

Description:  
Upstream view of  
SP-14.



Photo 21  
Date: 08-09-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: North  
Description:  
Upstream view of  
SP-15.



Photo 22  
Date: 08-09-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: Southwest  
Description:  
Photo of SP-16.



Photo 23

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: East

Description:  
Photo of SP-17.



Photo 24

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: West

Description:  
Photo of SP-18.



Photo 25

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: East

Description:  
Photo of SP-19.



Photo 26

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: North

Description:  
Photo of SP-20.



Photo 27

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: West

Description:  
Photo of SP-21.



Photo 28

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: North

Description:  
Upstream view of low  
flow channel beneath  
the canopy of the  
associated riparian  
vegetation.



Photo 29  
Date: 08-20-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: South  
Description:  
Downstream view of  
associated riparian  
vegetation.



Photo 30  
Date: 08-20-2013  
Feature: Drainage 2-  
Warm Springs Creek  
Direction: North  
Description:  
Upstream. Photo of SP-  
22.



Photo 31  
Date: 08-20-2013  
Feature: Drainage 3  
Direction: South  
Description:  
Photo of SP-23.



Photo 32  
Date: 08-20-2013  
Feature: Drainage 3  
Direction: West  
Description:  
Upstream view of  
Drainage 3.



Photo 33

Date: 08-20-2013

Feature: Drainage 3

Direction: East

Description:  
Photo of riparian  
habitat associated with  
Drainage 3.



Photo 34

Date: 08-20-2013

Feature: Drainage 5

Direction: South

Description:  
View of sheetflood  
zone within the existing  
Clinton Keith Road  
alignment. The OHWM  
and bed bank have  
been inferred as they  
are naturally lacking  
within this portion of  
the feature.





Photo 35

Date: 08-20-2013

Feature: Drainage 5

Direction: South

Description:  
View of sheetflood zone to the south of the existing Clinton Keith Road alignment. The OHWM and bed bank have been inferred as they are naturally lacking within this portion of the feature.



Photo 36

Date: 08-20-2013

Feature: Drainage 5

Direction: North

Description:  
Downstream view of Drainage 5.



Photo 37  
Date: 08-20-2013  
Feature: Drainage 5  
Direction: North  
Description:  
Downstream view of  
Drainage 5.



Photo 38  
Date: 08-20-2013  
Feature: Drainage 7  
Direction: South  
Description:  
View of the area south  
of Drainage 7. Note  
that the feature does  
not extend south of the  
existing Clinton Keith  
Road.



Photo 39  
Date: 08-20-2013  
Feature: Drainage 7  
Direction: South  
Description:  
Upstream view of  
Drainage 7.



Photo 40  
Date: 08-20-2013  
Feature: Drainage 8  
Direction: Southeast  
Description:  
Upstream view of  
Drainage 8.



Photo 41  
Date: 08-20-2013  
Feature: Drainage 3  
Direction: Southwest  
Description:  
Upstream view of  
Drainage 8.



Photo 42  
Date: 08-20-2013  
Feature: Drainage 8  
Direction: Southwest  
Description:  
Upstream view of  
Drainage 8.



Photo 43  
Date: 08-20-2013  
Feature: Drainage 9  
Direction: South  
Description:  
Upstream view of SP-24.



Photo 44  
Date: 08-20-2013  
Feature: Drainage 9  
Direction: East  
Description:  
Downstream view of Drainage 9 from a culvert outlet beneath Whitewood Road.



Photo 45

Date: 08-20-2013

Feature: Drainage 9

Direction: North

Description:  
Downstream view of  
concrete-lined low flow  
channel as it enters  
beneath associated  
riparian vegetation.



Photo 46

Date: 08-20-2013

Feature: Drainage 9

Direction: East

Description:  
Photo of SP-25.



Photo 47

Date: 08-20-2013

Feature: Drainage 2-  
Warm Springs Creek

Direction: West

Description:  
Downstream view of a  
side channel associated  
with Drainage 2- Warm  
Springs Creek. Note  
that no OHWM  
indicators were  
observed in association  
with this side channel.



Photo 48

Date: 09-09-2013

Feature: Basin 1

Direction: Northeast

Description:  
Upstream. Photo of SP-  
39.



Photo 49  
Date: 09-09-2013  
Feature: Basin 1  
Direction: North  
Description:  
Overview of Basin 1.



Photo 50  
Date: 09-09-2013  
Feature: Drainage 11  
Direction: Northwest  
Description:  
Downstream view of  
Drainage 11.





Photo 51

Date: 09-09-2013

Feature: Drainage 11

Direction: Southeast

Description:  
Upstream view of  
Drainage 11.



Photo 52

Date: 09-09-2013

Feature: Drainage 12

Direction: North

Description:  
Photo of SP-26.



Photo 53

Date: 09-09-2013

Feature: Drainage 12

Direction: Southeast

Description:  
Upstream view of  
portion of Drainage 12  
that exhibited OHWM  
indicators during the  
time of the field study.



Photo 54

Date: 09-09-2013

Feature: Drainage 16-  
French Valley Creek

Direction: North

Description:  
Photo of SP-27.



Photo 55

Date: 09-09-2013

Feature: Drainage 16-  
French Valley Creek

Direction: North

Description:  
Photo of SP-28.



Photo 56

Date: 09-09-2013

Feature: Drainage 16-  
French Valley Creek

Direction: East

Description:  
Photo of SP-29.



Photo 57

Date: 09-10-2013

Feature: Drainage 16-  
French Valley Creek

Direction: West

Description:  
Photo of SP-30.



Photo 58

Date: 09-10-2013

Feature: Drainage 16-  
French Valley Creek

Direction: East

Description:  
Downstream view of  
SP-31.



Photo 59

Date: 09-10-2013

Feature: Drainage 16-  
French Valley Creek

Direction: South

Description:  
Photo of SP-32.



Photo 60

Date: 09-10-2013

Feature: Drainage 16-  
French Valley Creek

Direction: West

Description:  
Downstream view of  
Drainage 16- French  
Valley Creek from  
existing Briggs Road  
crossing.



Photo 61

Date: 09-10-2013

Feature: Drainage 16-  
French Valley Creek

Direction: East

Description:  
Upstream view of  
Drainage 16- French  
Valley Creek from  
existing Briggs Road  
crossing.



Photo 62

Date: 09-10-2013

Feature: Drainage 16-  
French Valley Creek

Direction: South

Description:  
Photo of SP-33.



Photo 63  
Date: 01-09-2014  
Feature: Drainage 3  
Direction: Southwest  
Description:  
Upstream view of  
SP-40.



Photo 64  
Date: 01-09-2014  
Feature: Drainage 3  
Direction: West  
Description:  
Upstream view of SP-  
41.



Photo 65

Date: 01-15-2014

Feature: Drainage 16-  
French Valley Creek

Direction: Southwest

Description:  
Photo of SP-42.



Photo 66

Date: 01-15-2014

Feature: Drainage 16-  
French Valley Creek

Direction: South

Description:  
Photo of SP-43.





Photo 67  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Northeast  
Description:  
Photo of SP-44.



Photo 68  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: South  
Description:  
Photo of SP-45.



Photo 69

Date: 01-15-2014

Feature: Drainage 16-  
French Valley Creek

Direction: Southwest

Description:  
Photo of floodplain  
depression containing  
hydrophytic vegetation  
comprising alkali marsh  
habitat.



Photo 70

Date: 01-15-2014

Feature: Drainage 16-  
French Valley Creek

Direction: Northeast

Description:  
Upstream view of SP-  
37.



Photo 71  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Southwest  
Description:  
Downstream view of  
SP-46.



Photo 72  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: West  
Description:  
Photo of SP-47.



Photo 73  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Southeast  
Description:  
Photo of SP-48.



Photo 74  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: North  
Description:  
Upstream view of SP-  
49.



Photo 75  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: West  
Description:  
Photo of SP-50.



Photo 76  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Southwest  
Description:  
Downstream view of  
SP-51.



Photo 77  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Northeast  
Description:  
Upstream view of SP-  
52.



Photo 78  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Northeast  
Description:  
Upstream view of SP-  
53.



Photo 79

Date: 01-15-2014

Feature: Drainage 16-  
French Valley Creek

Direction: East

Description:  
Photo of SP-54.



Photo 80

Date: 01-15-2014

Feature: Drainage 16-  
French Valley Creek

Direction: Southwest

Description:  
Downstream view of  
SP-55.



Photo 81  
Date: 01-15-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: Southwest  
Description:  
Downstream view of  
SP-56.



Photo 82  
Date: 01-16-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: East  
Description:  
Photo of SP-57.





Photo 83  
Date: 01-16-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: North  
Description:  
Upstream view of SP-  
58.



Photo 84  
Date: 01-16-2014  
Feature: Drainage 16-  
French Valley Creek  
Direction: East  
Description:  
Photo of SP-59.



Photo 85

Date: 01-16-2014

Feature: Drainage 16-  
French Valley Creek

Direction: South

Description:  
Downstream view of  
Drainage 16- French  
Valley Creek from the  
existing Porth Road  
Arizona crossing.

Appendix E

**Preliminary Jurisdictional Determination Form**

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# PRELIMINARY JURISDICTIONAL DETERMINATION FORM

This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

District Office  File/ORM #  PJD Date:

State  City/County

Nearest Waterbody:

Location: TRS, LatLong or UTM:

Name/ Address of Person Requesting PJD

Identify (Estimate) Amount of Waters in the Review Area:

Non-Wetland Waters:  linear ft  width  acres Stream Flow:

Wetlands:  acre(s) Cowardin Class:

Name of Any Water Bodies on the Site Identified as Section 10 Waters: Tidal:   
Non-Tidal:

Office (Desk) Determination  
 Field Determination: Date of Field Trip:

**SUPPORTING DATA: Data reviewed for preliminary JD (check all that apply - checked items should be included in case file and, where checked and requested, appropriately reference sources below):**

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant:
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
  - Office concurs with data sheets/delineation report.
  - Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps
- Corps navigable waters' study:
- U.S. Geological Survey Hydrologic Atlas:
  - USGS NHD data.
  - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite quad name:
- USDA Natural Resources Conservation Service Soil Survey. Citation:
- National wetlands inventory map(s). Cite name:
- State/Local wetland inventory map(s):
- FEMA/FIRM maps:
- 100-year Floodplain Elevation is:
- Photographs:  Aerial (Name & Date):   
 Other (Name & Date):
- Previous determination(s). File no. and date of response letter:
- Other information (please specify):

**IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.**

Signature and Date of Regulatory Project Manager  
(REQUIRED)

Signature and Date of Person Requesting Preliminary JD  
(REQUIRED, unless obtaining the signature is impracticable)

## EXPLANATION OF PRELIMINARY AND APPROVED JURISDICTIONAL DETERMINATIONS:

1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "preconstruction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable.

**PRELIMINARY JURISDICTIONAL DETERMINATION FORM**

**This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:**

**Appendix A - Sites**

District Office  File/ORM #  PJD Date:

State  City/County  Person Requesting PJD

Site Number	Latitude	Longitude	Cowardin Class	Est. Amount of Aquatic Resource in Review Area	Class of Aquatic Resource
<input type="text"/>	<input type="text"/>	<input type="text"/>	Riverine	<input type="text"/>	Non-Section 10 non-wetland
<input type="text"/>	<input type="text"/>	<input type="text"/>	Riverine	<input type="text"/>	Non-Section 10 non-wetland
<input type="text"/>	<input type="text"/>	<input type="text"/>	Riverine	<input type="text"/>	Non-Section 10 non-wetland
<input type="text"/>	<input type="text"/>	<input type="text"/>	Riverine	<input type="text"/>	Non-Section 10 non-wetland
<input type="text"/>	<input type="text"/>	<input type="text"/>	Riverine	<input type="text"/>	Non-Section 10 non-wetland
<input type="text"/>	<input type="text"/>	<input type="text"/>	Riverine	<input type="text"/>	Non-Section 10 non-wetland

**Notes:**

Please see attached.

Waters_Name	Cowardin_Code	HGM_Code	Measurement_Type	Amount	Units	Waters_Types	Latitude	Longitude	Local_Waterway
Drainage 1	R6	RIVERINE	AREA	0.066	ACRE	DELINEATE	-117.140	33.601	Unnamed
Drainage 2- Warm Springs Creek*	R4	RIVERINE	AREA	0.033	ACRE	DELINEATE	-117.142	33.600	Warm Springs Creek
Drainage 2- Warm Springs Creek	R4	RIVERINE	AREA	0.508	ACRE	DELINEATE	-117.142	33.600	Warm Springs Creek
Drainage 3	R6	RIVERINE	AREA	0.105	ACRE	DELINEATE	-117.152	33.598	Unnamed
Drainage 4	R6	RIVERINE	AREA	0.005	ACRE	DELINEATE	-117.142	33.599	Unnamed
Drainage 5	R6	RIVERINE	AREA	0.025	ACRE	DELINEATE	-117.149	33.598	Unnamed
Drainage 7	R6	RIVERINE	AREA	0.028	ACRE	DELINEATE	-117.154	33.598	Unnamed
Drainage 8	R6	RIVERINE	AREA	0.03	ACRE	DELINEATE	-117.157	33.597	Unnamed
Drainage 9	R6	RIVERINE	AREA	0.024	ACRE	DELINEATE	-117.162	33.597	Unnamed
Drainage 10	R6	RIVERINE	AREA	0.006	ACRE	DELINEATE	-117.162	33.598	Unnamed
Drainage 11	R6	RIVERINE	AREA	0.029	ACRE	DELINEATE	-117.123	33.593	Unnamed
Drainage 12	R6	RIVERINE	AREA	0.009	ACRE	DELINEATE	-117.125	33.591	Unnamed
Drainage 13	R6	RIVERINE	AREA	0.004	ACRE	DELINEATE	-117.127	33.595	Unnamed
Drainage 14	R6	RIVERINE	AREA	0.014	ACRE	DELINEATE	-117.135	33.601	Unnamed
Drainage 15*	R4	RIVERINE	AREA	1.178	ACRE	DELINEATE	-117.127	33.599	Unnamed
Drainage 15	R4	RIVERINE	AREA	0.179	ACRE	DELINEATE	-117.127	33.599	Unnamed
Drainage 16- French Valley Creek*	R4	RIVERINE	AREA	4.31	ACRE	DELINEATE	-117.127	33.595	French Valley Creek
Drainage 16- French Valley Creek	R4	RIVERINE	AREA	1.237	ACRE	DELINEATE	-117.127	33.595	French Valley Creek
Basin 1	PUB	PALUSTRINE	AREA	0.172	ACRE	DELINEATE	-117.135	33.602	Unnamed

\*Represents wetland portion of the feature  
[wetland](#)