APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): December 15, 2014

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Los Angeles District, AT&T Fiber Optic Cable Maintenance Project, SPL-2012-00632-PKK

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: California County/parish/borough: San Bernardino County City: Baker
Center coordinates of site (lat/long in degree decimal format): Lat. 35.096920° **N**, Long. -116.305106° **W**.
Universal Transverse Mercator:
Name of nearest waterbody: Soda Dry Lake
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: N/A
Name of watershed or Hydrologic Unit Code (HUC): Soda Dry Lake subwatershed

☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
☒ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc…) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: 12/15/14
☐ Field Determination. Date(s):

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **Are no** *"navigable waters of the U.S."* within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [*Required*]

☐ Waters subject to the ebb and flow of the tide.
☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
Explain: .

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There **Are no** "*waters of the U.S.*" within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [*Required*]

1. Waters of the U.S.

a. Indicate presence of waters of U.S. in review area (check all that apply): [1]

☐ TNWs, including territorial seas
☐ Wetlands adjacent to TNWs
☐ Relatively permanent waters[2] (RPWs) that flow directly or indirectly into TNWs
☐ Non-RPWs that flow directly or indirectly into TNWs
☐ Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
☐ Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
☐ Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
☐ Impoundments of jurisdictional waters
☐ Isolated (interstate or intrastate) waters, including isolated wetlands

b. Identify (estimate) size of waters of the U.S. in the review area:

Non-wetland waters: linear feet: width (ft) and/or acres.
Wetlands: acres.

c. Limits (boundaries) of jurisdiction based on: **Pick List**
Elevation of established OHWM (if known): .

2. Non-regulated waters/wetlands (check if applicable):[3]

☒ Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.
Explain: **The AT&T Halloran to Slash X fiber optic cable upgrade project runs for 88 miles along I-15 from Halloran**

[1] Boxes checked below shall be supported by completing the appropriate sections in Section III below.
[2] For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
[3] Supporting documentation is presented in Section III.F.

Summit Road to Barstow, California. Prior to reaching Barstow, the fiber optic cable route deviates from I-15 and heads southwest eventually crossing Interstate-40 and ending at the Slash X regeneration station. The project area spans 827 ephemeral stream channel crossings most of which make up large alluvial fan complexes, 266 of those crossings terminate in Soda Dry Lake. The proposed project crosses 2.74 acres of ephemeral stream channel. The channels that terminate in Soda Dry Lake are within the eastern most 33 miles of the project area. Soda Dry Lake is located near Baker, California. The OHWM of the drainages was identified by break in slope and changes in soil character and vegetation. The width of the ephemeral washes generally ranges from 16-29 feet. The subject project drainages flow only in response to storm events. The average annual precipitation in Baker, California is 4.19 inches (Western Regional Climate Center www.wrcc.dri.edu).

Soda Dry Lake is a part of what remains of the ancient Ice Age Lake Mojave. Lake Mojave dried out 8,700 years ago, becoming the playa of today. Soda Dry Lake is one of the most significant playas in the region. Playas typically form in closed basins or where drainages are blocked by faulting, lava flows, or buildup of alluvial fans (http://pubs.usgs.gov/of/2004/1007/playas.html).

Soda dry lake is the elevation low point for drainages that fall within the Soda Lake Valley Groundwater Basin. In wet years the Soda Lake contains standing water, but all surface flows that enter Soda Dry Lake either evaporate or percolate into the groundwater table. Soda dry lake is located past the terminus of the Mojave River. The ultimate downstream hydrological terminus of the project waters is Soda Dry Lake, an intrastate dry lake. Soda Dry Lake is part of the Mojave National Preserve. Published uses for Soda Dry Lake are limited to a few non-surface water uses, including (historic) salt mining and various recreational uses. Recreational uses include hiking, bird watching, and driving through the dry lake bed on the historic, unmaintained Mojave Road. Soda Springs on the western shore of Soda Dry Lake is home to the Desert Studies Center a field station of California State University. Currently there are no published uses of the subject project drainages.

Soda Dry Lake, as the terminus for the project water, is NOT a TNW. Moreover, Soda Dry Lake is NOT an (a)(3) water as defined by 33 CFR 328.3. Soda Dry Lake does NOT meet criteria (a)(3)(i-iii), as it: i) DOES NOT have use for surface water recreation or other purposes by foreign or interstate travelers, ii) DOES NOT have harvesting activities of fish or shellfish that may be sold in interstate or foreign commerce, and iii) DOES NOT have surface water industrial usage by industries in interstate commerce. Lastly, the project water is NOT (a)(3) waters as defined by 33 CFR 328.3. The above is based upon excerpts of the project Jurisdictional Determination (received August 2012, prepared by Chambers Group, Inc on behalf of the applicant), USGS NHD data, and the review of aerial photographs (Google Earth) that also did not show surface water usage of the project waters or the dry lake terminus. Therefore, since Soda Dry Lake is intrastate isolated water without a surface water connection to commerce, the project waters as part of the subject project drainages as part of the overall watershed system are also isolated and additionally have no nexus to commerce.

Based on the above information and the previous approved jurisdictional determination (SPL-2010-01042), the Corps concludes the project waters designated as tributaries of Soda Dry Lake, crossings number 1 through 36 and crossings number 182-412 are non-jurisdictional aquatic features since they are not tributary to either a TNW or an (a)(3) water and are not (a)(3) waters themselves. The Corps makes such a conclusion since the water is tributary to an isolated dry lake that does not qualify as a TNW or as an (a)(3) water, and since the aquatic features also do not qualify as (a)(3) waters. .

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW
Identify TNW: .

Summarize rationale supporting determination: .

2. Wetland adjacent to TNW
Summarize rationale supporting conclusion that wetland is "adjacent": .

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody[4] is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:
Watershed size: **Pick List**
Drainage area: **Pick List**
Average annual rainfall: inches
Average annual snowfall: inches

(ii) Physical Characteristics:
(a) Relationship with TNW:
☐ Tributary flows directly into TNW.
☐ Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.
Project waters are **Pick List** river miles from RPW.
Project waters are **Pick List** aerial (straight) miles from TNW.
Project waters are **Pick List** aerial (straight) miles from RPW.
Project waters cross or serve as state boundaries. Explain: .

Identify flow route to TNW[5]: .
Tributary stream order, if known: .

[4] Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
[5] Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

(b) General Tributary Characteristics (check all that apply):

Tributary is: ☐ Natural
☐ Artificial (man-made). Explain: .
☐ Manipulated (man-altered). Explain: .

Tributary properties with respect to top of bank (estimate):
Average width: feet
Average depth: feet
Average side slopes: **Pick List.**

Primary tributary substrate composition (check all that apply):

☐ Silts	☐ Sands	☐ Concrete
☐ Cobbles	☐ Gravel	☐ Muck
☐ Bedrock	☐ Vegetation. Type/% cover:	
☐ Other. Explain: .		

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: .
Presence of run/riffle/pool complexes. Explain: .
Tributary geometry: **Pick List**
Tributary gradient (approximate average slope): %

(c) Flow:
Tributary provides for: **Pick List**
Estimate average number of flow events in review area/year: **Pick List**
Describe flow regime: .
Other information on duration and volume: .

Surface flow is: **Pick List.** Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .
☐ Dye (or other) test performed: .

Tributary has (check all that apply):
☐ Bed and banks
☐ OHWM[6] (check all indicators that apply):

☐ clear, natural line impressed on the bank	☐ the presence of litter and debris
☐ changes in the character of soil	☐ destruction of terrestrial vegetation
☐ shelving	☐ the presence of wrack line
☐ vegetation matted down, bent, or absent	☐ sediment sorting
☐ leaf litter disturbed or washed away	☐ scour
☐ sediment deposition	☐ multiple observed or predicted flow events
☐ water staining	☐ abrupt change in plant community
☐ other (list):	

☐ Discontinuous OHWM.[7] Explain: .

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

☐ High Tide Line indicated by:	☐ Mean High Water Mark indicated by:
☐ oil or scum line along shore objects	☐ survey to available datum;
☐ fine shell or debris deposits (foreshore)	☐ physical markings;
☐ physical markings/characteristics	☐ vegetation lines/changes in vegetation types.
☐ tidal gauges	
☐ other (list):	

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Explain: .
Identify specific pollutants, if known: .

[6]A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
[7]Ibid.

(iv) Biological Characteristics. Channel supports (check all that apply):

- ☐ Riparian corridor. Characteristics (type, average width): .
- ☐ Wetland fringe. Characteristics: .
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings: .
  - ☐ Fish/spawn areas. Explain findings: .
  - ☐ Other environmentally-sensitive species. Explain findings: .
  - ☐ Aquatic/wildlife diversity. Explain findings: .

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: acres

Wetland type. Explain: .

Wetland quality. Explain: .

Project wetlands cross or serve as state boundaries. Explain: .

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain: .

Surface flow is**: Pick List**

Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .

- ☐ Dye (or other) test performed: .

(c) Wetland Adjacency Determination with Non-TNW:

- ☐ Directly abutting
- ☐ Not directly abutting
  - ☐ Discrete wetland hydrologic connection. Explain: .
  - ☐ Ecological connection. Explain: .
  - ☐ Separated by berm/barrier. Explain: .

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List.**

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: .

Identify specific pollutants, if known: .

(iii) Biological Characteristics. Wetland supports (check all that apply):

- ☐ Riparian buffer. Characteristics (type, average width): .
- ☐ Vegetation type/percent cover. Explain: .
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings: .
  - ☐ Fish/spawn areas. Explain findings: .
  - ☐ Other environmentally-sensitive species. Explain findings: .
  - ☐ Aquatic/wildlife diversity. Explain findings: .

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately ( ) acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N)	Size (in acres)	Directly abuts? (Y/N)	Size (in acres)

Summarize overall biological, chemical and physical functions being performed: .

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: .

2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
   - ☐ TNWs: linear feet width (ft), Or, acres.
   - ☐ Wetlands adjacent to TNWs: acres.

2. **RPWs that flow directly or indirectly into TNWs.**
   - ☐ Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: .
   - ☐ Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: .

Provide estimates for jurisdictional waters in the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .

3. **Non-RPWs[8] that flow directly or indirectly into TNWs.**
☐ Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .

4. **Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**
☐ Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
☐ Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

☐ Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

5. **Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**
☐ Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisidictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. **Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.**
☐ Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. **Impoundments of jurisdictional waters.[9]**
As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.
☐ Demonstrate that impoundment was created from "waters of the U.S.," or
☐ Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
☐ Demonstrate that water is isolated with a nexus to commerce (see E below).

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):[10]
☐ which are or could be used by interstate or foreign travelers for recreational or other purposes.
☐ from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
☐ which are or could be used for industrial purposes by industries in interstate commerce.
☐ Interstate isolated waters. Explain: .
☐ Other factors. Explain: .

Identify water body and summarize rationale supporting determination: .

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[8] See Footnote # 3.
[9] To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
[10] Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA *Memorandum Regarding CWA Act Jurisdiction Following Rapanos.*

Provide estimates for jurisdictional waters in the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .
☐ Wetlands: acres.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):
☐ If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
☒ Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
☐ Prior to the Jan 2001 Supreme Court decision in "*SWANCC*," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
☐ Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
☐ Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):
☐ Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
☐ Lakes/ponds: acres.
☐ Other non-wetland waters: acres. List type of aquatic resource: .
☐ Wetlands: acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply):
☐ Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
☐ Lakes/ponds: acres.
☐ Other non-wetland waters: acres. List type of aquatic resource: .
☐ Wetlands: acres.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall 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: Maps submitted by Chamber Group, Inc. on behalf of the applicant created in August 2012.
☐ 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 scale & 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: (National Geodectic Vertical Datum of 1929)
☒ Photographs: ☒ Aerial (Name & Date):Google Earth March 23, 2013.
or ☒ Other (Name & Date):Applicant Site photos, August 2012.
☒ Previous determination(s). File no. and date of response letter: SPL-2010-01042-SPL, August 21, 2013.
☐ Applicable/supporting case law: .
☐ Applicable/supporting scientific literature: .
☒ Other information (please specify): USGS Mojave national Perserve Playas (http://pubs.usgs.gov/of/2004/1007/playas.html); Western Regional Climate Center (www.wrcc.dri.edu); Mojave Road An adventru Through Time (http://www.desertusa.com/desert-trails/mojave-road-page1.html), Soda Lake Valley Groundwater Basin (last updated February 27, 2004).

B. ADDITIONAL COMMENTS TO SUPPORT JD: .

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-001	0.00371	Riverine	35.40534152600	-115.79842657000	non-section 10 non-wetland
SPL-2012-00632-002	0.00094	Riverine	35.40435105710	-115.80034925300	non-section 10 non-wetland
SPL-2012-00632-003	0.00158	Riverine	35.40411203110	-115.80098157000	non-section 10 non-wetland
SPL-2012-00632-004	0.00367	Riverine	35.40387197180	-115.80160202300	non-section 10 non-wetland
SPL-2012-00632-005	0.00098	Riverine	35.40251860850	-115.80570707900	non-section 10 non-wetland
SPL-2012-00632-006	0.00503	Riverine	35.40199848140	-115.80710830300	non-section 10 non-wetland
SPL-2012-00632-007	0.00048	Riverine	35.40152632660	-115.80858229000	non-section 10 non-wetland
SPL-2012-00632-008	0.00088	Riverine	35.39970081750	-115.81447897100	non-section 10 non-wetland
SPL-2012-00632-009	0.00068	Riverine	35.39900625660	-115.81671194100	non-section 10 non-wetland
SPL-2012-00632-010	0.00249	Riverine	35.39862357550	-115.81769647600	non-section 10 non-wetland
SPL-2012-00632-011	0.32862	Riverine	35.39544227390	-115.82800776300	non-section 10 non-wetland
SPL-2012-00632-012	0.00093	Riverine	35.39286708100	-115.83643510700	non-section 10 non-wetland
SPL-2012-00632-013	0.00147	Riverine	35.39236265560	-115.83809014400	non-section 10 non-wetland
SPL-2012-00632-014	0.02314	Riverine	35.38968245930	-115.84639047700	non-section 10 non-wetland
SPL-2012-00632-015	0.05708	Riverine	35.38881696120	-115.84911361500	non-section 10 non-wetland
SPL-2012-00632-016	0.00158	Riverine	35.38849058590	-115.85012618000	non-section 10 non-wetland
SPL-2012-00632-017	0.02582	Riverine	35.38839697140	-115.85047931000	non-section 10 non-wetland
SPL-2012-00632-018	0.00429	Riverine	35.38628153300	-115.85739988100	non-section 10 non-wetland
SPL-2012-00632-019	0.00313	Riverine	35.38606473940	-115.85804574300	non-section 10 non-wetland
SPL-2012-00632-020	0.00187	Riverine	35.38558968730	-115.85983111800	non-section 10 non-wetland
SPL-2012-00632-021	0.00158	Riverine	35.38550042000	-115.85992127400	non-section 10 non-wetland
SPL-2012-00632-022	0.00145	Riverine	35.38528674440	-115.86068262900	non-section 10 non-wetland
SPL-2012-00632-023	0.00081	Riverine	35.38524831870	-115.86077049800	non-section 10 non-wetland
SPL-2012-00632-024	0.00045	Riverine	35.38485438470	-115.86226168300	non-section 10 non-wetland
SPL-2012-00632-025	0.00283	Riverine	35.38458105580	-115.86307593500	non-section 10 non-wetland
SPL-2012-00632-026	0.00101	Riverine	35.38438962270	-115.86353502200	non-section 10 non-wetland
SPL-2012-00632-027	0.00151	Riverine	35.38432941410	-115.86374570600	non-section 10 non-wetland
SPL-2012-00632-028	0.00500	Riverine	35.38408790400	-115.86433613600	non-section 10 non-wetland
SPL-2012-00632-029	0.02887	Riverine	35.38369003590	-115.86504080800	non-section 10 non-wetland
SPL-2012-00632-030	0.00996	Riverine	35.38247844060	-115.86837897200	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-031	0.00349	Riverine	35.38114708840	-115.87299169400	non-section 10 non-wetland
SPL-2012-00632-032	0.01847	Riverine	35.37981658250	-115.89156833200	non-section 10 non-wetland
SPL-2012-00632-033	0.05977	Riverine	35.37684735220	-115.89833463700	non-section 10 non-wetland
SPL-2012-00632-034	0.70756	Riverine	35.37237196500	-115.90562753800	non-section 10 non-wetland
SPL-2012-00632-035	0.17016	Riverine	35.36384356890	-115.92019126700	non-section 10 non-wetland
SPL-2012-00632-036	0.01718	Riverine	35.36249193170	-115.92296966200	non-section 10 non-wetland
SPL-2012-00632-187	0.00236	Riverine	35.24630216120	-116.09310874400	non-section 10 non-wetland
SPL-2012-00632-188	0.00056	Riverine	35.22780257540	-116.09656699500	non-section 10 non-wetland
SPL-2012-00632-189	0.00115	Riverine	35.22674234150	-116.09666867400	non-section 10 non-wetland
SPL-2012-00632-190	0.00094	Riverine	35.22614320600	-116.09670817600	non-section 10 non-wetland
SPL-2012-00632-191	0.00091	Riverine	35.22558238480	-116.09678964200	non-section 10 non-wetland
SPL-2012-00632-192	0.00291	Riverine	35.22551580780	-116.09680639900	non-section 10 non-wetland
SPL-2012-00632-193	0.00224	Riverine	35.22541900670	-116.09683022800	non-section 10 non-wetland
SPL-2012-00632-194	0.00171	Riverine	35.22336452870	-116.09762866200	non-section 10 non-wetland
SPL-2012-00632-195	0.00311	Riverine	35.22216673450	-116.09810140500	non-section 10 non-wetland
SPL-2012-00632-196	0.00237	Riverine	35.22085020230	-116.09862768900	non-section 10 non-wetland
SPL-2012-00632-197	0.00618	Riverine	35.22018007760	-116.09889238600	non-section 10 non-wetland
SPL-2012-00632-198	0.00189	Riverine	35.21954464500	-116.09914477200	non-section 10 non-wetland
SPL-2012-00632-199	0.00362	Riverine	35.21936896110	-116.09920996400	non-section 10 non-wetland
SPL-2012-00632-200	0.00227	Riverine	35.21893637160	-116.09938236300	non-section 10 non-wetland
SPL-2012-00632-201	0.00310	Riverine	35.21866727460	-116.09951494900	non-section 10 non-wetland
SPL-2012-00632-202	0.00264	Riverine	35.21855205020	-116.09954281700	non-section 10 non-wetland
SPL-2012-00632-203	0.00189	Riverine	35.21811190950	-116.09971878500	non-section 10 non-wetland
SPL-2012-00632-204	0.00374	Riverine	35.21771145270	-116.09987122300	non-section 10 non-wetland
SPL-2012-00632-205	0.00178	Riverine	35.21706586050	-116.10015089400	non-section 10 non-wetland
SPL-2012-00632-206	0.00154	Riverine	35.21639406730	-116.10042532600	non-section 10 non-wetland
SPL-2012-00632-207	0.01040	Riverine	35.21560947970	-116.10074283100	non-section 10 non-wetland
SPL-2012-00632-208	0.00206	Riverine	35.21531702210	-116.10085355100	non-section 10 non-wetland
SPL-2012-00632-209	0.00178	Riverine	35.21492879540	-116.10100645700	non-section 10 non-wetland
SPL-2012-00632-210	0.00349	Riverine	35.21459170220	-116.10115416000	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-211	0.00148	Riverine	35.21442237760	-116.10123226000	non-section 10 non-wetland
SPL-2012-00632-212	0.00217	Riverine	35.21425584780	-116.10129750300	non-section 10 non-wetland
SPL-2012-00632-213	0.00143	Riverine	35.21396703420	-116.10141127000	non-section 10 non-wetland
SPL-2012-00632-214	0.00261	Riverine	35.21330139150	-116.10167520300	non-section 10 non-wetland
SPL-2012-00632-215	0.00938	Riverine	35.21320572090	-116.10172438700	non-section 10 non-wetland
SPL-2012-00632-216	0.00193	Riverine	35.21305971160	-116.10178006500	non-section 10 non-wetland
SPL-2012-00632-217	0.00328	Riverine	35.21288718580	-116.10185776900	non-section 10 non-wetland
SPL-2012-00632-218	0.00404	Riverine	35.21264046110	-116.10196069100	non-section 10 non-wetland
SPL-2012-00632-219	0.00224	Riverine	35.21213686520	-116.10217408000	non-section 10 non-wetland
SPL-2012-00632-220	0.00113	Riverine	35.21204359860	-116.10220930500	non-section 10 non-wetland
SPL-2012-00632-221	0.00688	Riverine	35.21190780540	-116.10226979600	non-section 10 non-wetland
SPL-2012-00632-222	0.00153	Riverine	35.21140203290	-116.10247977600	non-section 10 non-wetland
SPL-2012-00632-223	0.00275	Riverine	35.21133606230	-116.10252396600	non-section 10 non-wetland
SPL-2012-00632-224	0.00271	Riverine	35.21125607700	-116.10256747400	non-section 10 non-wetland
SPL-2012-00632-225	0.00062	Riverine	35.21075209920	-116.10277459200	non-section 10 non-wetland
SPL-2012-00632-226	0.00303	Riverine	35.21036701870	-116.10295649300	non-section 10 non-wetland
SPL-2012-00632-227	0.00250	Riverine	35.20996499160	-116.10318859600	non-section 10 non-wetland
SPL-2012-00632-228	0.00219	Riverine	35.20929950020	-116.10375399900	non-section 10 non-wetland
SPL-2012-00632-229	0.00163	Riverine	35.20887995070	-116.10406061900	non-section 10 non-wetland
SPL-2012-00632-230	0.01007	Riverine	35.20799076880	-116.10475155700	non-section 10 non-wetland
SPL-2012-00632-231	0.00171	Riverine	35.20771165940	-116.10498939200	non-section 10 non-wetland
SPL-2012-00632-232	0.00128	Riverine	35.20745383630	-116.10517720100	non-section 10 non-wetland
SPL-2012-00632-233	0.00155	Riverine	35.20723921670	-116.10531947200	non-section 10 non-wetland
SPL-2012-00632-234	0.00835	Riverine	35.20697930360	-116.10552555000	non-section 10 non-wetland
SPL-2012-00632-235	0.00221	Riverine	35.20662593000	-116.10578093400	non-section 10 non-wetland
SPL-2012-00632-236	0.00322	Riverine	35.20630644970	-116.10601099100	non-section 10 non-wetland
SPL-2012-00632-237	0.00426	Riverine	35.20598701410	-116.10623623100	non-section 10 non-wetland
SPL-2012-00632-238	0.00857	Riverine	35.20582390180	-116.10633101700	non-section 10 non-wetland
SPL-2012-00632-239	0.00348	Riverine	35.20368660700	-116.10812401400	non-section 10 non-wetland
SPL-2012-00632-240	0.00493	Riverine	35.20360847070	-116.10818579200	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-241	0.00136	Riverine	35.20305484730	-116.10873535000	non-section 10 non-wetland
SPL-2012-00632-242	0.00160	Riverine	35.20297231460	-116.10880786900	non-section 10 non-wetland
SPL-2012-00632-243	0.00371	Riverine	35.20178878150	-116.10993394100	non-section 10 non-wetland
SPL-2012-00632-244	0.00333	Riverine	35.20087877840	-116.11099631400	non-section 10 non-wetland
SPL-2012-00632-245	0.00274	Riverine	35.20038670830	-116.11169257900	non-section 10 non-wetland
SPL-2012-00632-246	0.00153	Riverine	35.20019168640	-116.11192763700	non-section 10 non-wetland
SPL-2012-00632-247	0.00170	Riverine	35.19947468090	-116.11291169900	non-section 10 non-wetland
SPL-2012-00632-248	0.00133	Riverine	35.19903048580	-116.11351421600	non-section 10 non-wetland
SPL-2012-00632-249	0.00128	Riverine	35.19862902690	-116.11405748600	non-section 10 non-wetland
SPL-2012-00632-250	0.00127	Riverine	35.19831139700	-116.11449275900	non-section 10 non-wetland
SPL-2012-00632-251	0.00705	Riverine	35.19697847830	-116.11626839700	non-section 10 non-wetland
SPL-2012-00632-252	0.00001	Riverine	35.19689610390	-116.11638975900	non-section 10 non-wetland
SPL-2012-00632-253	0.00106	Riverine	35.19642227660	-116.11705709900	non-section 10 non-wetland
SPL-2012-00632-254	0.00771	Riverine	35.19604580500	-116.11750079900	non-section 10 non-wetland
SPL-2012-00632-255	0.00206	Riverine	35.19572061390	-116.11797576900	non-section 10 non-wetland
SPL-2012-00632-256	0.00126	Riverine	35.19490099890	-116.12054084600	non-section 10 non-wetland
SPL-2012-00632-257	0.00239	Riverine	35.19489000700	-116.12085704600	non-section 10 non-wetland
SPL-2012-00632-258	0.00526	Riverine	35.19485632370	-116.12233074800	non-section 10 non-wetland
SPL-2012-00632-259	0.00442	Riverine	35.19482038190	-116.12295168100	non-section 10 non-wetland
SPL-2012-00632-260	0.00073	Riverine	35.19493110910	-116.12348025100	non-section 10 non-wetland
SPL-2012-00632-261	0.00330	Riverine	35.19494467700	-116.12439036600	non-section 10 non-wetland
SPL-2012-00632-262	0.00151	Riverine	35.19494910800	-116.12596982900	non-section 10 non-wetland
SPL-2012-00632-263	0.00187	Riverine	35.19495183270	-116.12624346000	non-section 10 non-wetland
SPL-2012-00632-264	0.00261	Riverine	35.19495553670	-116.12689301500	non-section 10 non-wetland
SPL-2012-00632-265	0.00074	Riverine	35.19493868880	-116.12740759100	non-section 10 non-wetland
SPL-2012-00632-266	0.00658	Riverine	35.19493683550	-116.12782324400	non-section 10 non-wetland
SPL-2012-00632-267	0.00586	Riverine	35.19492004610	-116.12849044600	non-section 10 non-wetland
SPL-2012-00632-268	0.01470	Riverine	35.19492833130	-116.12910671700	non-section 10 non-wetland
SPL-2012-00632-269	0.00660	Riverine	35.19491950070	-116.12946089300	non-section 10 non-wetland
SPL-2012-00632-270	0.02667	Riverine	35.19491492960	-116.13030749100	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-271	0.05863	Riverine	35.19490901180	-116.13118773500	non-section 10 non-wetland
SPL-2012-00632-272	0.12876	Riverine	35.19479024990	-116.13236647100	non-section 10 non-wetland
SPL-2012-00632-273	0.00869	Riverine	35.19761982790	-116.13827611500	non-section 10 non-wetland
SPL-2012-00632-274	0.16878	Riverine	35.19940779270	-116.14724580800	non-section 10 non-wetland
SPL-2012-00632-275	0.00552	Riverine	35.19996771240	-116.15005305300	non-section 10 non-wetland
SPL-2012-00632-276	0.00584	Riverine	35.20000323120	-116.15026525900	non-section 10 non-wetland
SPL-2012-00632-277	0.09213	Riverine	35.20006557390	-116.15183795800	non-section 10 non-wetland
SPL-2012-00632-278	0.00512	Riverine	35.19984289420	-116.15250196300	non-section 10 non-wetland
SPL-2012-00632-279	0.00088	Riverine	35.19974254950	-116.15270744100	non-section 10 non-wetland
SPL-2012-00632-280	0.00488	Riverine	35.19963339560	-116.15296880300	non-section 10 non-wetland
SPL-2012-00632-281	0.00749	Riverine	35.19950950020	-116.15350050000	non-section 10 non-wetland
SPL-2012-00632-282	0.00170	Riverine	35.19920295460	-116.15404440200	non-section 10 non-wetland
SPL-2012-00632-283	0.00486	Riverine	35.19897009000	-116.15457906100	non-section 10 non-wetland
SPL-2012-00632-284	0.00612	Riverine	35.19877778450	-116.15495524900	non-section 10 non-wetland
SPL-2012-00632-285	0.00066	Riverine	35.19859299990	-116.15552200000	non-section 10 non-wetland
SPL-2012-00632-286	0.00143	Riverine	35.19835300060	-116.15603950100	non-section 10 non-wetland
SPL-2012-00632-287	0.00265	Riverine	35.19822215460	-116.15630772400	non-section 10 non-wetland
SPL-2012-00632-288	0.00532	Riverine	35.19801902540	-116.15672148400	non-section 10 non-wetland
SPL-2012-00632-289	0.00575	Riverine	35.19724071440	-116.15737439700	non-section 10 non-wetland
SPL-2012-00632-290	0.00700	Riverine	35.19663090580	-116.15793599300	non-section 10 non-wetland
SPL-2012-00632-291	0.01873	Riverine	35.19600800000	-116.15840800100	non-section 10 non-wetland
SPL-2012-00632-292	0.00204	Riverine	35.19568599970	-116.15873300000	non-section 10 non-wetland
SPL-2012-00632-293	0.00122	Riverine	35.19533950030	-116.15899800100	non-section 10 non-wetland
SPL-2012-00632-294	0.00199	Riverine	35.19475119940	-116.15954680900	non-section 10 non-wetland
SPL-2012-00632-295	0.00315	Riverine	35.19428057710	-116.15998152600	non-section 10 non-wetland
SPL-2012-00632-296	0.00093	Riverine	35.19415399980	-116.16007200000	non-section 10 non-wetland
SPL-2012-00632-297	0.00233	Riverine	35.19355800020	-116.16062800000	non-section 10 non-wetland
SPL-2012-00632-298	0.00368	Riverine	35.19278400020	-116.16121200000	non-section 10 non-wetland
SPL-2012-00632-299	0.00162	Riverine	35.19210250000	-116.16184000000	non-section 10 non-wetland
SPL-2012-00632-300	0.00223	Riverine	35.19170761870	-116.16219054400	non-section 10 non-wetland

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SPL-2012-00632-301	0.00630	Riverine	35.19147399280	-116.16236902400	non-section 10 non-wetland
SPL-2012-00632-302	0.00213	Riverine	35.19050938600	-116.16324464100	non-section 10 non-wetland
SPL-2012-00632-303	0.00320	Riverine	35.19010200020	-116.16363400000	non-section 10 non-wetland
SPL-2012-00632-304	0.01090	Riverine	35.18969280420	-116.16391422000	non-section 10 non-wetland
SPL-2012-00632-305	0.00104	Riverine	35.18908724080	-116.16447061600	non-section 10 non-wetland
SPL-2012-00632-306	0.00492	Riverine	35.18879949990	-116.16472900000	non-section 10 non-wetland
SPL-2012-00632-307	0.00094	Riverine	35.18799600010	-116.16536300000	non-section 10 non-wetland
SPL-2012-00632-308	0.00201	Riverine	35.18781163020	-116.16559467300	non-section 10 non-wetland
SPL-2012-00632-309	0.00307	Riverine	35.18766800010	-116.16568300000	non-section 10 non-wetland
SPL-2012-00632-310	0.00182	Riverine	35.18673950030	-116.16652500000	non-section 10 non-wetland
SPL-2012-00632-311	0.00436	Riverine	35.18635000910	-116.16684166900	non-section 10 non-wetland
SPL-2012-00632-312	0.00115	Riverine	35.18579781390	-116.16735324500	non-section 10 non-wetland
SPL-2012-00632-313	0.01944	Riverine	35.18541379820	-116.16764870700	non-section 10 non-wetland
SPL-2012-00632-314	0.03177	Riverine	35.18367105680	-116.16920723000	non-section 10 non-wetland
SPL-2012-00632-315	0.01477	Riverine	35.18367105680	-116.16920723000	non-section 10 non-wetland
SPL-2012-00632-316	0.01182	Riverine	35.18044666730	-116.17200142800	non-section 10 non-wetland
SPL-2012-00632-317	0.00219	Riverine	35.18024551140	-116.17213597600	non-section 10 non-wetland
SPL-2012-00632-318	0.00594	Riverine	35.17944409190	-116.17276984900	non-section 10 non-wetland
SPL-2012-00632-319	0.00531	Riverine	35.17828362350	-116.17382700900	non-section 10 non-wetland
SPL-2012-00632-320	0.00210	Riverine	35.17800237990	-116.17406915600	non-section 10 non-wetland
SPL-2012-00632-321	0.00048	Riverine	35.17783575320	-116.17421289400	non-section 10 non-wetland
SPL-2012-00632-322	0.00168	Riverine	35.17668722150	-116.17521505900	non-section 10 non-wetland
SPL-2012-00632-323	0.00027	Riverine	35.17539283050	-116.17630269000	non-section 10 non-wetland
SPL-2012-00632-324	0.00182	Riverine	35.17440361790	-116.17719950400	non-section 10 non-wetland
SPL-2012-00632-325	0.00218	Riverine	35.17398314450	-116.17755169600	non-section 10 non-wetland
SPL-2012-00632-326	0.00183	Riverine	35.17378658450	-116.17771760700	non-section 10 non-wetland
SPL-2012-00632-327	0.00514	Riverine	35.17304799050	-116.17841157800	non-section 10 non-wetland
SPL-2012-00632-328	0.00113	Riverine	35.17142207970	-116.17977242200	non-section 10 non-wetland
SPL-2012-00632-329	0.00168	Riverine	35.17070131130	-116.18036378400	non-section 10 non-wetland
SPL-2012-00632-330	0.00095	Riverine	35.17034917140	-116.18068583300	non-section 10 non-wetland

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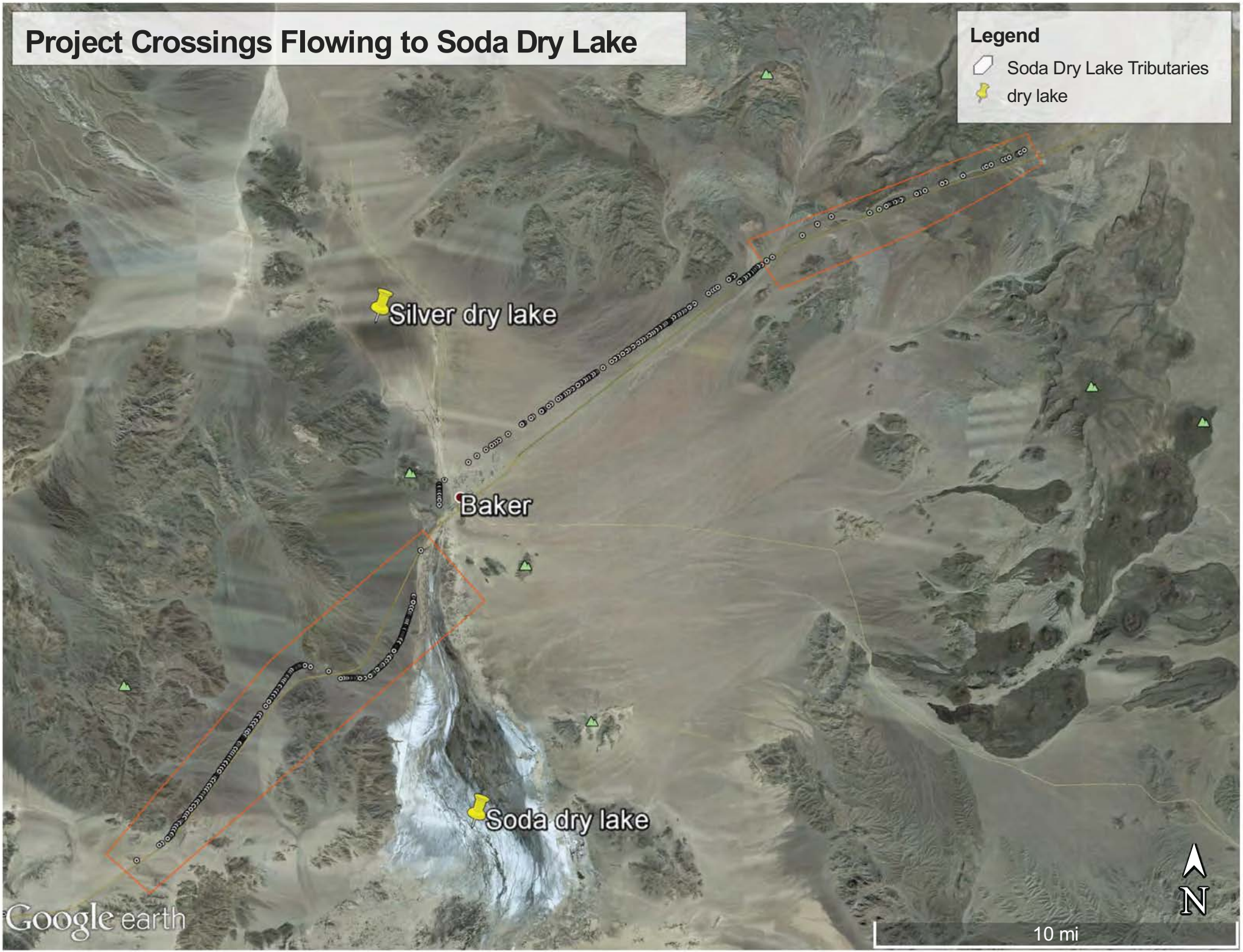
SPL-2012-00632-331	0.00151	Riverine	35.17004301120	-116.18097193500	non-section 10 non-wetland
SPL-2012-00632-332	0.00251	Riverine	35.16991352220	-116.18114971300	non-section 10 non-wetland
SPL-2012-00632-333	0.00223	Riverine	35.16955388770	-116.18139403300	non-section 10 non-wetland
SPL-2012-00632-334	0.00086	Riverine	35.16942604130	-116.18152578600	non-section 10 non-wetland
SPL-2012-00632-335	0.00252	Riverine	35.16924801980	-116.18164727000	non-section 10 non-wetland
SPL-2012-00632-336	0.00989	Riverine	35.16905955230	-116.18184410900	non-section 10 non-wetland
SPL-2012-00632-337	0.00094	Riverine	35.16885955040	-116.18202146400	non-section 10 non-wetland
SPL-2012-00632-338	0.00077	Riverine	35.16859078480	-116.18222853700	non-section 10 non-wetland
SPL-2012-00632-339	0.00315	Riverine	35.16770940650	-116.18301157000	non-section 10 non-wetland
SPL-2012-00632-340	0.00080	Riverine	35.16717307120	-116.18347036900	non-section 10 non-wetland
SPL-2012-00632-341	0.00054	Riverine	35.16669199970	-116.18395600200	non-section 10 non-wetland
SPL-2012-00632-342	0.00246	Riverine	35.16645161110	-116.18407432200	non-section 10 non-wetland
SPL-2012-00632-343	0.01122	Riverine	35.16528960070	-116.18502892300	non-section 10 non-wetland
SPL-2012-00632-344	0.00142	Riverine	35.16444350000	-116.18577150000	non-section 10 non-wetland
SPL-2012-00632-345	0.00042	Riverine	35.16375572740	-116.18640530800	non-section 10 non-wetland
SPL-2012-00632-346	0.00145	Riverine	35.16307749990	-116.18696050000	non-section 10 non-wetland
SPL-2012-00632-347	0.00493	Riverine	35.16277879800	-116.18721300000	non-section 10 non-wetland
SPL-2012-00632-348	0.00315	Riverine	35.16214314880	-116.18776944500	non-section 10 non-wetland
SPL-2012-00632-349	0.00891	Riverine	35.16172758540	-116.18798734500	non-section 10 non-wetland
SPL-2012-00632-350	0.00164	Riverine	35.16117099990	-116.18861700000	non-section 10 non-wetland
SPL-2012-00632-351	0.00235	Riverine	35.16101600020	-116.18872600000	non-section 10 non-wetland
SPL-2012-00632-352	0.00112	Riverine	35.16080150020	-116.18892050000	non-section 10 non-wetland
SPL-2012-00632-353	0.00293	Riverine	35.15977250020	-116.18984650000	non-section 10 non-wetland
SPL-2012-00632-354	0.00129	Riverine	35.15951450020	-116.19008400000	non-section 10 non-wetland
SPL-2012-00632-355	0.00466	Riverine	35.15875039750	-116.19074025000	non-section 10 non-wetland
SPL-2012-00632-356	0.00183	Riverine	35.15859016340	-116.19088706200	non-section 10 non-wetland
SPL-2012-00632-357	0.00046	Riverine	35.15838409090	-116.19105337700	non-section 10 non-wetland
SPL-2012-00632-358	0.00271	Riverine	35.15749174120	-116.19184353500	non-section 10 non-wetland
SPL-2012-00632-359	0.00247	Riverine	35.15735972890	-116.19195610600	non-section 10 non-wetland
SPL-2012-00632-360	0.00020	Riverine	35.15573049970	-116.19328650000	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-361	0.00126	Riverine	35.15536550000	-116.19363300100	non-section 10 non-wetland
SPL-2012-00632-362	0.00140	Riverine	35.15506550000	-116.19391550000	non-section 10 non-wetland
SPL-2012-00632-363	0.00374	Riverine	35.15482050010	-116.19410450000	non-section 10 non-wetland
SPL-2012-00632-364	0.00038	Riverine	35.15448628100	-116.19439941400	non-section 10 non-wetland
SPL-2012-00632-365	0.00081	Riverine	35.15393799990	-116.19487250000	non-section 10 non-wetland
SPL-2012-00632-366	0.00102	Riverine	35.15279050010	-116.19592600000	non-section 10 non-wetland
SPL-2012-00632-367	0.00081	Riverine	35.15201800020	-116.19654800000	non-section 10 non-wetland
SPL-2012-00632-368	0.00445	Riverine	35.15173649990	-116.19681550000	non-section 10 non-wetland
SPL-2012-00632-369	0.00066	Riverine	35.15044535450	-116.19786128900	non-section 10 non-wetland
SPL-2012-00632-370	0.00203	Riverine	35.14964937060	-116.19858614500	non-section 10 non-wetland
SPL-2012-00632-371	0.00126	Riverine	35.14875843160	-116.19933775900	non-section 10 non-wetland
SPL-2012-00632-372	0.00247	Riverine	35.14849799990	-116.19960400000	non-section 10 non-wetland
SPL-2012-00632-373	0.00291	Riverine	35.14791999990	-116.20012800000	non-section 10 non-wetland
SPL-2012-00632-374	0.00044	Riverine	35.14742599990	-116.20049200000	non-section 10 non-wetland
SPL-2012-00632-375	0.00125	Riverine	35.14690599990	-116.20101600000	non-section 10 non-wetland
SPL-2012-00632-376	0.00022	Riverine	35.14676200000	-116.20115600000	non-section 10 non-wetland
SPL-2012-00632-377	0.00031	Riverine	35.14588600010	-116.20201600000	non-section 10 non-wetland
SPL-2012-00632-378	0.00066	Riverine	35.14576400010	-116.20220000000	non-section 10 non-wetland
SPL-2012-00632-379	0.00074	Riverine	35.14549399950	-116.20247199900	non-section 10 non-wetland
SPL-2012-00632-380	0.00289	Riverine	35.14489999990	-116.20307600000	non-section 10 non-wetland
SPL-2012-00632-381	0.00199	Riverine	35.14378799990	-116.20420400000	non-section 10 non-wetland
SPL-2012-00632-382	0.00046	Riverine	35.14361299950	-116.20431699800	non-section 10 non-wetland
SPL-2012-00632-383	0.00147	Riverine	35.14301857430	-116.20501806000	non-section 10 non-wetland
SPL-2012-00632-384	0.00062	Riverine	35.14236812990	-116.20564273300	non-section 10 non-wetland
SPL-2012-00632-385	0.00132	Riverine	35.14102588650	-116.20705899300	non-section 10 non-wetland
SPL-2012-00632-386	0.00201	Riverine	35.14070251810	-116.20734396500	non-section 10 non-wetland
SPL-2012-00632-387	0.02902	Riverine	35.14015444710	-116.20795856400	non-section 10 non-wetland
SPL-2012-00632-388	0.00104	Riverine	35.13975326660	-116.20818108800	non-section 10 non-wetland
SPL-2012-00632-389	0.00120	Riverine	35.13896457720	-116.20863666000	non-section 10 non-wetland
SPL-2012-00632-390	0.00046	Riverine	35.13776330100	-116.20986419100	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-391	0.00086	Riverine	35.13755855430	-116.21016904100	non-section 10 non-wetland
SPL-2012-00632-392	0.00119	Riverine	35.13724738750	-116.21069298100	non-section 10 non-wetland
SPL-2012-00632-393	0.00107	Riverine	35.13684308030	-116.21125400300	non-section 10 non-wetland
SPL-2012-00632-394	0.00124	Riverine	35.13613966350	-116.21225593400	non-section 10 non-wetland
SPL-2012-00632-395	0.00084	Riverine	35.13573796620	-116.21271009700	non-section 10 non-wetland
SPL-2012-00632-396	0.00175	Riverine	35.13486275450	-116.21334591700	non-section 10 non-wetland
SPL-2012-00632-397	0.00132	Riverine	35.13476552910	-116.21341234400	non-section 10 non-wetland
SPL-2012-00632-398	0.00132	Riverine	35.13365250010	-116.21404150000	non-section 10 non-wetland
SPL-2012-00632-399	0.00139	Riverine	35.13254223830	-116.21463902700	non-section 10 non-wetland
SPL-2012-00632-400	0.00208	Riverine	35.13248275880	-116.21471278500	non-section 10 non-wetland
SPL-2012-00632-401	0.00895	Riverine	35.13230580750	-116.21490663800	non-section 10 non-wetland
SPL-2012-00632-402	0.03131	Riverine	35.13152799990	-116.21573600000	non-section 10 non-wetland
SPL-2012-00632-403	0.00110	Riverine	35.13099638170	-116.21631484600	non-section 10 non-wetland
SPL-2012-00632-404	0.01114	Riverine	35.13060930380	-116.21683435400	non-section 10 non-wetland
SPL-2012-00632-405	0.01463	Riverine	35.12862799980	-116.21974000000	non-section 10 non-wetland
SPL-2012-00632-406	0.00096	Riverine	35.12795599980	-116.22103200000	non-section 10 non-wetland
SPL-2012-00632-407	0.00012	Riverine	35.12148971800	-116.23250502000	non-section 10 non-wetland
SPL-2012-00632-412	0.00927	Riverine	35.09953673620	-116.29812624800	non-section 10 non-wetland


Project Crossings Flowing to Soda Dry Lake
Legend
Soda Dry Lake Tributaries
dry lake
Silver dry lake
Baker
Soda dry lake
Google earth
N
10 mi


Project Crossings Flowing to Soda Dry Lake
Legend
Soda Dry Lake Tributaries
dry lake
Flow Direction
Silver dry lake
Baker
Soda dry lake
N
10 mi
Google earth

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): December 15, 2014

B. DISTRICT OFFICE, FILE NAME, AND NUMBER:Los Angeles District, AT&T Fiber Optic Cable Maintenance Project, SPL-2012-00632-PKK

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: California County/parish/borough: San Bernardino County City: Baker
Center coordinates of site (lat/long in degree decimal format): Lat. 35.096920° **N**, Long. -116.305106° **W**.
Universal Transverse Mercator:
Name of nearest waterbody: Silver Dry Lake
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: N/A
Name of watershed or Hydrologic Unit Code (HUC): Silver Dry Lake subwatershed

☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.
☒ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc…) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: 12/15/14
☐ Field Determination. Date(s):

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **Are no** *"navigable waters of the U.S."* within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [*Required*]

☐ Waters subject to the ebb and flow of the tide.
☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
Explain: .

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There **Are no** "*waters of the U.S.*" within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [*Required*]

1. Waters of the U.S.

a. Indicate presence of waters of U.S. in review area (check all that apply): [1]

☐ TNWs, including territorial seas
☐ Wetlands adjacent to TNWs
☐ Relatively permanent waters[2] (RPWs) that flow directly or indirectly into TNWs
☐ Non-RPWs that flow directly or indirectly into TNWs
☐ Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
☐ Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
☐ Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
☐ Impoundments of jurisdictional waters
☐ Isolated (interstate or intrastate) waters, including isolated wetlands

b. Identify (estimate) size of waters of the U.S. in the review area:

Non-wetland waters: linear feet: width (ft) and/or acres.
Wetlands: acres.

c. Limits (boundaries) of jurisdiction based on: **Pick List**
Elevation of established OHWM (if known): .

2. Non-regulated waters/wetlands (check if applicable):[3]

☒ Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.
Explain: **The AT&T Halloran to Slash X fiber optic cable upgrade project runs for 88 miles along I-15 from Halloran**

[1] Boxes checked below shall be supported by completing the appropriate sections in Section III below.
[2] For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
[3] Supporting documentation is presented in Section III.F.

Summit Road to Barstow, California. Prior to reaching Barstow, the fiber optic cable route deviates from I-15 and heads southwest eventually crossing Interstate-40, ending at the Slash X regeneration station. The project area spans 827 ephemeral stream channel crossings from large alluvial fan complexes, and 149 of those channels terminate in Silver Dry Lake. The proposed project crosses 0.74 acre of ephemeral stream channel. The channels that terminate in Silver Dry Lake are within the eastern-most 33 miles of the project area. Silver Dry Lake is located north of Soda dry lake near Baker, California. The OHWM of the drainages was identified by break in slope and changes in soil character and vegetation. The width of the ephemeral washes generally ranges from 16-29 feet. The subject project drainages flow only in response to storm events. The average annual precipitation in Baker, California is 4.19 inches (Western Regional Climate Center www.wrcc.dri.edu).

Silver Dry Lake is a part of what remains of the ancient Ice Age Lake Mojave. Lake Mojave dried out 8,700 years ago, becoming intrastate playas. Playas typically form in closed basins or where drainages are blocked by faulting, lava flows, or buildup of alluvial fans (http://pubs.usgs.gov/of/2004/1007/playas.html).

Silver dry lake is the elevation low point for drainages that fall within the Silver Lake Valley Groundwater Basin. The surface of Silver Dry Lake is 10 feet lower than the low end of Soda Dry Lake (http://pubs.usgs.gov/of/2004/1007/playas.html), but only during extreme rainfall events is there enough water for flows from Soda Dry Lake to reach Silver Dry Lake. In wet years Silver Lake can contain standing water, but all surface flows that enter Silver Dry Lake either evaporate or percolate into the groundwater table. Currently only an anthropogenic modified channel exists between Soda Dry Lake and Silver Dry Lake. Silver dry lake is located past the terminus of the Mojave River and beyond Soda Dry Lake. The majority of flows east of Baker, California and north of interstate I-15 terminate within Silver Dry Lake. The ultimate downstream hydrological terminus of the project waters is Silver Dry Lake, an intrastate dry lake. Published uses for Silver Dry Lake remain limited to a few non-surface water uses, including historic use as a landing strip. Currently there are no published uses of the subject project drainages.

Silver Dry Lake, as the terminus for the project water, is NOT a TNW. Moreover, Silver Dry Lake is NOT an (a)(3) water as defined by 33 CFR 328.3. Silver Dry Lake does NOT meet criteria (a)(3)(i-iii), as it: i) DOES NOT have use for surface water recreation or other purposes by foreign or interstate travelers, ii) DOES NOT have harvesting activities of fish or shellfish that may be sold in interstate or foreign commerce, and iii) DOES NOT have surface water industrial usage by industries in interstate commerce. Lastly, the project water is NOT (a)(3) waters as defined by 33 CFR 328.3. The above is based upon excerpts of the project Jurisdictional Determination (received August 2012, prepared by Chambers Group, Inc on behalf of the applicant), USGS NHD data, and the review of aerial photographs (Google Earth) that also did not show surface water usage of the project waters or the dry lake terminus. Therefore, since Silver Dry Lake is intrastate isolated water without a surface water connection to commerce, the project waters as part of the subject project drainages as part of the overall watershed system are also isolated and additionally have no nexus to commerce.

Based on the above information and the previous approved jurisdictional determination (SPL-2010-01042), the Corps concludes the project waters designated as tributaries of Silver Dry Lake, designated as Drainages 37-186, are non-jurisdictional aquatic features since they are not tributary to either a TNW or an (a)(3) water and are not (a)(3) waters themselves. The Corps makes such a conclusion since the waters are tributary to an isolated dry lake that does not qualify as a TNW or as an (a)(3) water, and since the aquatic features also do not qualify as (a)(3) waters. .

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW
Identify TNW: .

Summarize rationale supporting determination: .

2. Wetland adjacent to TNW
Summarize rationale supporting conclusion that wetland is "adjacent": .

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody[4] is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:
Watershed size: **Pick List**
Drainage area: **Pick List**
Average annual rainfall: inches
Average annual snowfall: inches

(ii) Physical Characteristics:
(a) Relationship with TNW:
☐ Tributary flows directly into TNW.
☐ Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.
Project waters are **Pick List** river miles from RPW.
Project waters are **Pick List** aerial (straight) miles from TNW.
Project waters are **Pick List** aerial (straight) miles from RPW.
Project waters cross or serve as state boundaries. Explain: .

Identify flow route to TNW[5]: .
Tributary stream order, if known: .

[4] Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.
[5] Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

(b) General Tributary Characteristics (check all that apply):

Tributary is: ☐ Natural
☐ Artificial (man-made). Explain: .
☐ Manipulated (man-altered). Explain: .

Tributary properties with respect to top of bank (estimate):
Average width: feet
Average depth: feet
Average side slopes: **Pick List.**

Primary tributary substrate composition (check all that apply):

☐ Silts	☐ Sands	☐ Concrete
☐ Cobbles	☐ Gravel	☐ Muck
☐ Bedrock	☐ Vegetation. Type/% cover:	
☐ Other. Explain: .		

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: .
Presence of run/riffle/pool complexes. Explain: .
Tributary geometry: **Pick List**
Tributary gradient (approximate average slope): %

(c) Flow:
Tributary provides for: **Pick List**
Estimate average number of flow events in review area/year: **Pick List**
Describe flow regime: .
Other information on duration and volume: .

Surface flow is: **Pick List.** Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .
☐ Dye (or other) test performed: .

Tributary has (check all that apply):
☐ Bed and banks
☐ OHWM[6] (check all indicators that apply):

☐ clear, natural line impressed on the bank	☐ the presence of litter and debris
☐ changes in the character of soil	☐ destruction of terrestrial vegetation
☐ shelving	☐ the presence of wrack line
☐ vegetation matted down, bent, or absent	☐ sediment sorting
☐ leaf litter disturbed or washed away	☐ scour
☐ sediment deposition	☐ multiple observed or predicted flow events
☐ water staining	☐ abrupt change in plant community
☐ other (list):	

☐ Discontinuous OHWM.[7] Explain: .

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

☐ High Tide Line indicated by:	☐ Mean High Water Mark indicated by:
☐ oil or scum line along shore objects	☐ survey to available datum;
☐ fine shell or debris deposits (foreshore)	☐ physical markings;
☐ physical markings/characteristics	☐ vegetation lines/changes in vegetation types.
☐ tidal gauges	
☐ other (list):	

(iii) Chemical Characteristics:
Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
Explain: .
Identify specific pollutants, if known: .

[6]A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.
[7]Ibid.

(iv) Biological Characteristics. Channel supports (check all that apply):

- ☐ Riparian corridor. Characteristics (type, average width): .
- ☐ Wetland fringe. Characteristics: .
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings: .
  - ☐ Fish/spawn areas. Explain findings: .
  - ☐ Other environmentally-sensitive species. Explain findings: .
  - ☐ Aquatic/wildlife diversity. Explain findings: .

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: acres

Wetland type. Explain: .

Wetland quality. Explain: .

Project wetlands cross or serve as state boundaries. Explain: .

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain: .

Surface flow is**: Pick List**

Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .

- ☐ Dye (or other) test performed: .

(c) Wetland Adjacency Determination with Non-TNW:

- ☐ Directly abutting
- ☐ Not directly abutting
  - ☐ Discrete wetland hydrologic connection. Explain: .
  - ☐ Ecological connection. Explain: .
  - ☐ Separated by berm/barrier. Explain: .

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List.**

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: .

Identify specific pollutants, if known: .

(iii) Biological Characteristics. Wetland supports (check all that apply):

- ☐ Riparian buffer. Characteristics (type, average width): .
- ☐ Vegetation type/percent cover. Explain: .
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings: .
  - ☐ Fish/spawn areas. Explain findings: .
  - ☐ Other environmentally-sensitive species. Explain findings: .
  - ☐ Aquatic/wildlife diversity. Explain findings: .

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately ( ) acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N)	Size (in acres)	Directly abuts? (Y/N)	Size (in acres)

Summarize overall biological, chemical and physical functions being performed: .

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: .

2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
   - ☐ TNWs: linear feet width (ft), Or, acres.
   - ☐ Wetlands adjacent to TNWs: acres.

2. **RPWs that flow directly or indirectly into TNWs.**
   - ☐ Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: .
   - ☐ Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: .

Provide estimates for jurisdictional waters in the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .

3. **Non-RPWs[8] that flow directly or indirectly into TNWs.**
☐ Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .

4. **Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**
☐ Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
☐ Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

☐ Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

5. **Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**
☐ Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisidictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. **Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.**
☐ Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. **Impoundments of jurisdictional waters.[9]**
As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.
☐ Demonstrate that impoundment was created from "waters of the U.S.," or
☐ Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
☐ Demonstrate that water is isolated with a nexus to commerce (see E below).

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):[10]
☐ which are or could be used by interstate or foreign travelers for recreational or other purposes.
☐ from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
☐ which are or could be used for industrial purposes by industries in interstate commerce.
☐ Interstate isolated waters. Explain: .
☐ Other factors. Explain: .

Identify water body and summarize rationale supporting determination: .

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[8] See Footnote # 3.
[9] To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
[10] Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA *Memorandum Regarding CWA Act Jurisdiction Following Rapanos.*

Provide estimates for jurisdictional waters in the review area (check all that apply):
☐ Tributary waters: linear feet width (ft).
☐ Other non-wetland waters: acres.
Identify type(s) of waters: .
☐ Wetlands: acres.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):
☐ If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
☒ Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
☐ Prior to the Jan 2001 Supreme Court decision in "*SWANCC*," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
☐ Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
☐ Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):
☐ Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
☐ Lakes/ponds: acres.
☐ Other non-wetland waters: acres. List type of aquatic resource: .
☐ Wetlands: acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply):
☐ Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
☐ Lakes/ponds: acres.
☐ Other non-wetland waters: acres. List type of aquatic resource: .
☐ Wetlands: acres.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall 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: Maps submitted by Chamber Group, Inc. on behalf of the applicant created in August 2012.
☐ 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 scale & 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: (National Geodectic Vertical Datum of 1929)
☒ Photographs: ☒ Aerial (Name & Date):Google Earth March 23, 2013.
or ☒ Other (Name & Date):Applicant Site photos, August 2012.
☒ Previous determination(s). File no. and date of response letter: SPL-2010-01042-SPL, August 21, 2013.
☐ Applicable/supporting case law: .
☐ Applicable/supporting scientific literature: .
☒ Other information (please specify): USGS Mojave national Perserve Playas (http://pubs.usgs.gov/of/2004/1007/playas.html); Western Regional Climate Center (www.wrcc.dri.edu), Silver Lake Valley Groundwater Basin (last updated February 27, 2004).

B. ADDITIONAL COMMENTS TO SUPPORT JD: .

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-037	0.01008	Riverine	35.36083124760	-115.92549126600	non-section 10 non-wetland
SPL-2012-00632-038	0.00098	Riverine	35.36034199920	-115.92678800000	non-section 10 non-wetland
SPL-2012-00632-039	0.00098	Riverine	35.36004865300	-115.92732654000	non-section 10 non-wetland
SPL-2012-00632-040	0.01243	Riverine	35.35943019110	-115.92831736200	non-section 10 non-wetland
SPL-2012-00632-041	0.00067	Riverine	35.35928837740	-115.92845404600	non-section 10 non-wetland
SPL-2012-00632-042	0.00043	Riverine	35.35883705580	-115.92889634200	non-section 10 non-wetland
SPL-2012-00632-043	0.00206	Riverine	35.35870959840	-115.92907940300	non-section 10 non-wetland
SPL-2012-00632-044	0.00688	Riverine	35.35822803220	-115.92955824500	non-section 10 non-wetland
SPL-2012-00632-045	0.00047	Riverine	35.35815492520	-115.92967742900	non-section 10 non-wetland
SPL-2012-00632-046	0.00604	Riverine	35.35773449980	-115.93017550000	non-section 10 non-wetland
SPL-2012-00632-047	0.00069	Riverine	35.35758712530	-115.93047797800	non-section 10 non-wetland
SPL-2012-00632-048	0.00034	Riverine	35.35713709640	-115.93111971000	non-section 10 non-wetland
SPL-2012-00632-049	0.00777	Riverine	35.35696553530	-115.93141604000	non-section 10 non-wetland
SPL-2012-00632-050	0.00053	Riverine	35.35688938300	-115.93154070600	non-section 10 non-wetland
SPL-2012-00632-051	0.00187	Riverine	35.35680227300	-115.93167152700	non-section 10 non-wetland
SPL-2012-00632-052	0.00174	Riverine	35.35674157200	-115.93176629400	non-section 10 non-wetland
SPL-2012-00632-053	0.00086	Riverine	35.35668114050	-115.93191928000	non-section 10 non-wetland
SPL-2012-00632-054	0.00467	Riverine	35.35609245710	-115.93280137300	non-section 10 non-wetland
SPL-2012-00632-055	0.00132	Riverine	35.35601294270	-115.93295774400	non-section 10 non-wetland
SPL-2012-00632-056	0.00143	Riverine	35.35586297920	-115.93318579300	non-section 10 non-wetland
SPL-2012-00632-057	0.01481	Riverine	35.35540295090	-115.93389209400	non-section 10 non-wetland
SPL-2012-00632-058	0.00199	Riverine	35.35477798830	-115.93487535000	non-section 10 non-wetland
SPL-2012-00632-059	0.00168	Riverine	35.35452687780	-115.93530406800	non-section 10 non-wetland
SPL-2012-00632-060	0.00209	Riverine	35.35418580140	-115.93581892300	non-section 10 non-wetland
SPL-2012-00632-061	0.00260	Riverine	35.35395274380	-115.93622111600	non-section 10 non-wetland
SPL-2012-00632-062	0.00631	Riverine	35.35664850000	-115.93885700000	non-section 10 non-wetland
SPL-2012-00632-063	0.00391	Riverine	35.35628224200	-115.93942637300	non-section 10 non-wetland
SPL-2012-00632-064	0.00283	Riverine	35.35562626780	-115.94057213400	non-section 10 non-wetland
SPL-2012-00632-065	0.00379	Riverine	35.35536778450	-115.94103657000	non-section 10 non-wetland
SPL-2012-00632-066	0.00893	Riverine	35.35513086510	-115.94146128300	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-067	0.00681	Riverine	35.35203646970	-115.94687896000	non-section 10 non-wetland
SPL-2012-00632-068	0.00326	Riverine	35.35138988810	-115.94815980000	non-section 10 non-wetland
SPL-2012-00632-069	0.00722	Riverine	35.35079126620	-115.94929479000	non-section 10 non-wetland
SPL-2012-00632-070	0.00462	Riverine	35.34955959250	-115.95134427300	non-section 10 non-wetland
SPL-2012-00632-071	0.00388	Riverine	35.34553665860	-115.95826247100	non-section 10 non-wetland
SPL-2012-00632-072	0.00069	Riverine	35.34446856410	-115.96024007700	non-section 10 non-wetland
SPL-2012-00632-073	0.00308	Riverine	35.34407601410	-115.96075185100	non-section 10 non-wetland
SPL-2012-00632-074	0.01071	Riverine	35.34283629110	-115.96272360200	non-section 10 non-wetland
SPL-2012-00632-075	0.00427	Riverine	35.34265979310	-115.96312367900	non-section 10 non-wetland
SPL-2012-00632-076	0.00164	Riverine	35.34224755110	-115.96387936800	non-section 10 non-wetland
SPL-2012-00632-077	0.00321	Riverine	35.34192760300	-115.96454712300	non-section 10 non-wetland
SPL-2012-00632-078	0.00358	Riverine	35.34152101380	-115.96543801500	non-section 10 non-wetland
SPL-2012-00632-079	0.00185	Riverine	35.34130063400	-115.96583577000	non-section 10 non-wetland
SPL-2012-00632-080	0.00288	Riverine	35.34082681490	-115.96666822100	non-section 10 non-wetland
SPL-2012-00632-081	0.00501	Riverine	35.34042141210	-115.96758580700	non-section 10 non-wetland
SPL-2012-00632-082	0.00110	Riverine	35.34026392870	-115.96815965700	non-section 10 non-wetland
SPL-2012-00632-083	0.00263	Riverine	35.34017058700	-115.96836507000	non-section 10 non-wetland
SPL-2012-00632-084	0.00123	Riverine	35.33921259560	-115.96946614200	non-section 10 non-wetland
SPL-2012-00632-085	0.00046	Riverine	35.33859227360	-115.97037556800	non-section 10 non-wetland
SPL-2012-00632-086	0.00174	Riverine	35.33849120620	-115.97054200100	non-section 10 non-wetland
SPL-2012-00632-087	0.00147	Riverine	35.33830375790	-115.97075266100	non-section 10 non-wetland
SPL-2012-00632-088	0.00067	Riverine	35.33805450810	-115.97101553900	non-section 10 non-wetland
SPL-2012-00632-089	0.00674	Riverine	35.33794064040	-115.97145938100	non-section 10 non-wetland
SPL-2012-00632-090	0.00532	Riverine	35.33793284970	-115.97152498500	non-section 10 non-wetland
SPL-2012-00632-091	0.00091	Riverine	35.33789977110	-115.97168208300	non-section 10 non-wetland
SPL-2012-00632-092	0.00209	Riverine	35.33772367300	-115.97213189000	non-section 10 non-wetland
SPL-2012-00632-093	0.00211	Riverine	35.33763092340	-115.97251651300	non-section 10 non-wetland
SPL-2012-00632-094	0.00721	Riverine	35.33717364660	-115.97312504600	non-section 10 non-wetland
SPL-2012-00632-095	0.00429	Riverine	35.33678104110	-115.97379469100	non-section 10 non-wetland
SPL-2012-00632-096	0.01365	Riverine	35.33634750000	-115.97462350000	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-097	0.00145	Riverine	35.33607496840	-115.97509594000	non-section 10 non-wetland
SPL-2012-00632-098	0.00199	Riverine	35.33594215500	-115.97532053000	non-section 10 non-wetland
SPL-2012-00632-099	0.00114	Riverine	35.33543382030	-115.97623198700	non-section 10 non-wetland
SPL-2012-00632-100	0.00749	Riverine	35.33522769950	-115.97657291800	non-section 10 non-wetland
SPL-2012-00632-101	0.00063	Riverine	35.33491039650	-115.97709169900	non-section 10 non-wetland
SPL-2012-00632-102	0.00401	Riverine	35.33417590130	-115.97803187500	non-section 10 non-wetland
SPL-2012-00632-103	0.00133	Riverine	35.33403639350	-115.97839438100	non-section 10 non-wetland
SPL-2012-00632-104	0.00299	Riverine	35.33361679470	-115.97927821400	non-section 10 non-wetland
SPL-2012-00632-105	0.00588	Riverine	35.33311691240	-115.98026749700	non-section 10 non-wetland
SPL-2012-00632-106	0.00140	Riverine	35.33207606810	-115.98201248500	non-section 10 non-wetland
SPL-2012-00632-107	0.02417	Riverine	35.33154557340	-115.98288981400	non-section 10 non-wetland
SPL-2012-00632-108	0.00201	Riverine	35.33126482260	-115.98348352500	non-section 10 non-wetland
SPL-2012-00632-109	0.00413	Riverine	35.33069907270	-115.98450430100	non-section 10 non-wetland
SPL-2012-00632-110	0.01398	Riverine	35.32997733560	-115.98580370900	non-section 10 non-wetland
SPL-2012-00632-111	0.00150	Riverine	35.32882626130	-115.98776059500	non-section 10 non-wetland
SPL-2012-00632-112	0.00358	Riverine	35.32847430880	-115.98840973700	non-section 10 non-wetland
SPL-2012-00632-113	0.00468	Riverine	35.32740979920	-115.99025033600	non-section 10 non-wetland
SPL-2012-00632-114	0.00144	Riverine	35.32715538950	-115.99072477700	non-section 10 non-wetland
SPL-2012-00632-115	0.00203	Riverine	35.32670215300	-115.99152237700	non-section 10 non-wetland
SPL-2012-00632-116	0.00346	Riverine	35.32572572410	-115.99328419100	non-section 10 non-wetland
SPL-2012-00632-117	0.00079	Riverine	35.32561648520	-115.99347211600	non-section 10 non-wetland
SPL-2012-00632-118	0.00744	Riverine	35.32436535990	-115.99570999100	non-section 10 non-wetland
SPL-2012-00632-119	0.00712	Riverine	35.32365447420	-115.99695258600	non-section 10 non-wetland
SPL-2012-00632-120	0.00003	Riverine	35.32347179910	-115.99729009800	non-section 10 non-wetland
SPL-2012-00632-121	0.00166	Riverine	35.32255507830	-115.99890941700	non-section 10 non-wetland
SPL-2012-00632-122	0.00118	Riverine	35.32008875530	-116.00319650600	non-section 10 non-wetland
SPL-2012-00632-123	0.01873	Riverine	35.31828641210	-116.00641113600	non-section 10 non-wetland
SPL-2012-00632-124	0.00608	Riverine	35.31794839530	-116.00699829400	non-section 10 non-wetland
SPL-2012-00632-125	0.00271	Riverine	35.31766229510	-116.00756449900	non-section 10 non-wetland
SPL-2012-00632-126	0.00902	Riverine	35.31745150260	-116.00793145300	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-127	0.00071	Riverine	35.31690034990	-116.00885798200	non-section 10 non-wetland
SPL-2012-00632-128	0.00139	Riverine	35.31630105040	-116.00988655900	non-section 10 non-wetland
SPL-2012-00632-129	0.00284	Riverine	35.31611964770	-116.01026990200	non-section 10 non-wetland
SPL-2012-00632-130	0.00452	Riverine	35.31595948290	-116.01050910900	non-section 10 non-wetland
SPL-2012-00632-131	0.00335	Riverine	35.31556868270	-116.01127701300	non-section 10 non-wetland
SPL-2012-00632-132	0.00440	Riverine	35.31532129030	-116.01170664000	non-section 10 non-wetland
SPL-2012-00632-133	0.00261	Riverine	35.31484005510	-116.01253778000	non-section 10 non-wetland
SPL-2012-00632-134	0.01268	Riverine	35.31417303040	-116.01370813100	non-section 10 non-wetland
SPL-2012-00632-135	0.00208	Riverine	35.31389441560	-116.01416648800	non-section 10 non-wetland
SPL-2012-00632-136	0.00100	Riverine	35.31384298780	-116.01429537200	non-section 10 non-wetland
SPL-2012-00632-137	0.00374	Riverine	35.31338542610	-116.01511339800	non-section 10 non-wetland
SPL-2012-00632-138	0.00179	Riverine	35.31309139990	-116.01562518200	non-section 10 non-wetland
SPL-2012-00632-139	0.00254	Riverine	35.31175854750	-116.01778800700	non-section 10 non-wetland
SPL-2012-00632-140	0.00101	Riverine	35.31146276430	-116.01829046200	non-section 10 non-wetland
SPL-2012-00632-141	0.00169	Riverine	35.31079027580	-116.01958037300	non-section 10 non-wetland
SPL-2012-00632-142	0.00863	Riverine	35.31039861610	-116.02025213500	non-section 10 non-wetland
SPL-2012-00632-143	0.00101	Riverine	35.30969472670	-116.02157856800	non-section 10 non-wetland
SPL-2012-00632-144	0.06449	Riverine	35.30904776190	-116.02253203000	non-section 10 non-wetland
SPL-2012-00632-145	0.00405	Riverine	35.30855022120	-116.02348287100	non-section 10 non-wetland
SPL-2012-00632-146	0.00112	Riverine	35.30836423710	-116.02378373600	non-section 10 non-wetland
SPL-2012-00632-147	0.00817	Riverine	35.30809750010	-116.02424700000	non-section 10 non-wetland
SPL-2012-00632-148	0.04247	Riverine	35.30748837560	-116.02524430800	non-section 10 non-wetland
SPL-2012-00632-149	0.00671	Riverine	35.30550961480	-116.02883761100	non-section 10 non-wetland
SPL-2012-00632-150	0.00386	Riverine	35.30467010600	-116.03002221100	non-section 10 non-wetland
SPL-2012-00632-151	0.02594	Riverine	35.30320579280	-116.03237644700	non-section 10 non-wetland
SPL-2012-00632-152	0.00096	Riverine	35.30280607040	-116.03295306300	non-section 10 non-wetland
SPL-2012-00632-153	0.00206	Riverine	35.30269391200	-116.03324489500	non-section 10 non-wetland
SPL-2012-00632-154	0.00170	Riverine	35.30256844810	-116.03356495700	non-section 10 non-wetland
SPL-2012-00632-155	0.00362	Riverine	35.30040033670	-116.03784348500	non-section 10 non-wetland
SPL-2012-00632-156	0.00245	Riverine	35.29989428430	-116.03868158100	non-section 10 non-wetland

Site Number	Est. Amount of Aquatic Resource in Review Area (acres)	Cowardin Class	Latitiude	Longitude	Class of Aquatic Resource
SPL-2012-00632-157	0.00341	Riverine	35.29784317230	-116.04223947500	non-section 10 non-wetland
SPL-2012-00632-158	0.00120	Riverine	35.29751656050	-116.04280081700	non-section 10 non-wetland
SPL-2012-00632-159	0.00963	Riverine	35.29736601640	-116.04307073200	non-section 10 non-wetland
SPL-2012-00632-160	0.00456	Riverine	35.29730691660	-116.04321952500	non-section 10 non-wetland
SPL-2012-00632-161	0.00924	Riverine	35.29345170980	-116.05004456500	non-section 10 non-wetland
SPL-2012-00632-162	0.00431	Riverine	35.29095456310	-116.05442512600	non-section 10 non-wetland
SPL-2012-00632-163	0.00166	Riverine	35.29007374690	-116.05597285800	non-section 10 non-wetland
SPL-2012-00632-164	0.00009	Riverine	35.28940412070	-116.05707032800	non-section 10 non-wetland
SPL-2012-00632-165	0.00496	Riverine	35.28880313660	-116.05816956200	non-section 10 non-wetland
SPL-2012-00632-166	0.00116	Riverine	35.28718080450	-116.06101520300	non-section 10 non-wetland
SPL-2012-00632-167	0.00443	Riverine	35.28467920290	-116.06545113200	non-section 10 non-wetland
SPL-2012-00632-168	0.00246	Riverine	35.28211296520	-116.06966134300	non-section 10 non-wetland
SPL-2012-00632-169	0.06127	Riverine	35.27477967640	-116.08140090500	non-section 10 non-wetland
SPL-2012-00632-170	0.00120	Riverine	35.27285430470	-116.08407633700	non-section 10 non-wetland
SPL-2012-00632-171	0.00162	Riverine	35.27253081070	-116.08406814400	non-section 10 non-wetland
SPL-2012-00632-172	0.00200	Riverine	35.27201708620	-116.08406490300	non-section 10 non-wetland
SPL-2012-00632-173	0.00149	Riverine	35.27176138250	-116.08404728600	non-section 10 non-wetland
SPL-2012-00632-174	0.00322	Riverine	35.27145628310	-116.08402568900	non-section 10 non-wetland
SPL-2012-00632-175	0.00194	Riverine	35.27136428760	-116.08401445100	non-section 10 non-wetland
SPL-2012-00632-176	0.00369	Riverine	35.27059608830	-116.08398079300	non-section 10 non-wetland
SPL-2012-00632-177	0.00265	Riverine	35.27025932820	-116.08397854900	non-section 10 non-wetland
SPL-2012-00632-178	0.00714	Riverine	35.27008100100	-116.08396756100	non-section 10 non-wetland
SPL-2012-00632-179	0.00376	Riverine	35.26964364930	-116.08398311100	non-section 10 non-wetland
SPL-2012-00632-180	0.00230	Riverine	35.26896511290	-116.08398173600	non-section 10 non-wetland
SPL-2012-00632-181	0.00261	Riverine	35.26864932250	-116.08396685900	non-section 10 non-wetland
SPL-2012-00632-182	0.00259	Riverine	35.26761972050	-116.08398268800	non-section 10 non-wetland
SPL-2012-00632-183	0.00206	Riverine	35.26737518390	-116.08397613900	non-section 10 non-wetland
SPL-2012-00632-184	0.00220	Riverine	35.26659695190	-116.08393474700	non-section 10 non-wetland
SPL-2012-00632-185	0.00038	Riverine	35.26465971240	-116.08395074900	non-section 10 non-wetland


Project Overivew
Legend
Silver Dry Lake Tributaries
dry lake
Silver dry lake
Soda dry lake
127
58
40
15
18
Google earth
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Image Landsat
N
40 mi