
APPENDIX L

Cultural Resources Appendix

This appendix provides additional information pertaining to the cultural context of the Jordan Cove LNG Project and Pacific Connector Pipeline Project (Jordan Cove Energy Project Project, or Project) as well as additional details of consultations conducted thus far under Section 106 of the National Historic Preservation Act (NHPA), surveys conducted for the Project, and cultural resources identified by those surveys. Specifically, it includes the following sections related to section 4.11 of this EIS:

1. Ethnohistoric Context of Native Occupations in Southern Oregon for the Jordan Cove Energy Project
2. Tables of Communications with the State Historic Preservation Office (SHPO)
 - a. Federal Energy Regulatory Commission (FERC) Consultations
 - b. Applicant Communications
3. Tables of Communications with Indian Tribes
 - a. FERC Consultations
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 - i. Jordan Cove Energy Project, L.P.
 - ii. Pacific Connector Gas Pipeline, L.P.
4. Brief History of Archaeological Studies in the Project Region
5. Narrative of Previous Overviews, Surveys, and Testing Completed for the Jordan Cove LNG Project
6. Table of Previously Recorded Sites Along the Proposed Pacific Connector Pipeline Route
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Ethnohistoric Context of Native Occupations in Southern Oregon for the Jordan Cove Energy Project

Below, we discuss the Indian tribes that historically occupied or used the Project area. The discussion begins with coastal tribes, and then moves inland to the Klamath Basin and beyond.

At the time of initial contact between aboriginal people in southwestern Oregon with Euro-Americans,¹ the Coos Bay area was occupied by the Hanis and Miluk bands of the Coos tribe. The Lower Umpqua Indians, living along the lower Umpqua River valley, from present-day Scottsburg west to the river's mouth near Reedsport, spoke a variant of the Coos language.² The Siuslaw Indians, who also spoke a language similar to the Lower Umpqua and Coos tribes, occupied the region from the coast near Florence east into the interior along the Siuslaw River (Zenk 1990). Native Americans along the lower Coquille River valley also spoke Miluk.

Upriver from the Coos-speaking Lower Umpqua Indians were the Athapaskan Upper Umpqua tribe. Another Athapaskan tribe, the Upper Coquille, lived above the Lower Coquille Indians, on the upper Coquille River. In the lower Rogue River valley were the Athapaskan-speaking Chasta-Costa, Galice, and Applegate tribes. The Takelma, who spoke their own unique language, resided in the upper Rogue River valley, south of the Upper Umpqua Indians. The Klamath Basin was occupied by the Klamath, Modoc, and Northern Paiute tribes

Lewis and Clark,³ in the winter of 1805-1806, at Fort Clatsop near the mouth of the Columbia River, wrote of the "Cook-koo-oose (Coos) residing south on the Oregon coast, taken as slaves by Clatsop and Tillamook, with a population of 1,000 people." On October 25, 1826, Hudson Bay Company (HBC) trader A.R. McLeod reached the river he called "Cahouse." Harrison Rodgers, of the American Jed Smith expedition, wrote on July 8, 1828: "The river at the mouth (of Coos Bay) is about 1 m wide, the Inds. very numerous, they call themselves the Ka Koosh (Coos). They commended trading shell and scale fish, raspberries, strawberries, and 2 other kind of bury that I am unacquainted with, also some fur skins."

The principal Hanis villages of Coos Bay included *B'alditc*, *Milukitc*, *Hanisitc*, *Wul'al'atc*, *D'anis*, and *Willanch* (Tveskov 2002). William Harris filed the first Donation Land Claim (DLC) at Empire City in October 1853; Youst (1997) said the town was located at the site of a former Hanis (Coos) Indian village. Local historian Orvil Dodge (1898) claimed "Capt. W.H. Harris and others purchased their claims of the Indians" and entered into an informal treaty with them. Coos informant Annie Peterson identified the three villages in the vicinity of Empire as *Hanisch*, *Intesedge*, and *Wallitch* (Youst 1997).

¹ The first Euro-Americans to visit southwest Oregon on-the-ground were employees of the Canadian Hudson's Bay Company, including expeditions led by Thomas McKay, Michel LaFramboise, Peter Skene Ogden, Finian McDonald, and Alexander McLeod, between about 1820 and 1828.

² A.S. Gatschet's notes on the Coos vocabulary collected by George Bissell after 1877 indicated that "Coos and Umpqua are cognate dialects of the same language.... The Umpqua Indians mentioned as speaking a dialect cognate to Kusa are not Umpqua-Tinn'e, but Indians living on Lower Umpqua River, probably on its outlet" (Manuscript 557, Smithsonian Institution National Anthropological Archives).

³ William Clark and Meriwether Lewis led the Corps of Discovery under orders from American President Thomas Jefferson to explore the newly acquired upper Louisiana Territory, starting from the Mississippi River in May 1804.

The Indian village of *D'anis* was located at North Point in North Bend. Coos informant James Buchanan indicated that nineteenth century Coos leader Jack Rodgers (*aw*lk'-wiya*) was from *D'anis*, one of the larger Hanis communities at the time of Euro-American settlement in Coos Bay. Coos informant Lottie Evanoff believed that many of the people of *D'anis* died of smallpox by the end of the nineteenth century (Harrington 1942). *D'anis* was partly excavated in 1933 by Alice and Joe Maloney in association with University of Washington anthropologist Melville Jacobs, who recovered human remains (Jacobs 1931-1934). Also, in the 1930s, amateur archaeologist Marcus Seale excavated at *D'anis*, and also removed burials (Seale 1956). University of Oregon archaeologist Lloyd Collins (1951) recorded this location, at the south end of the McCullough Bridge, as archaeological site 35CS24. It was later excavated by archaeologists from the Oregon State Museum on behalf of the Oregon Department of Transportation (O'Neill et al. 2006).

Based on information from Coos informants Lottie Evanoff and Frank Drew, anthropologist J.P. Harrington (1942) located the Indian village of *Mahakwin* to the southeast of *D'anis* on the North Point of North Bend. North and east of *D'anis* was the Indian village of *Gahakitc*, also excavated by Marcus Steale in the 1930s, situated near the landing for the Roosevelt Ferry (probably on the Glasgow peninsula) (Jacobs 1934). In 1857, U.S. General Land Office surveyor Harvey Gordon noted an Indian “Rancheria” at Marshfield [now the City of Coos Bay]. Gordon also observed an “Indian Village” on Ten Mile Creek (Beckham 2015).

On the North Spit of Coos Bay, the Indian village of *Quanatitch* was located near Jordan Point, and may be related to archaeological site 35CS26, recorded by Collins (1951). The village of *Q'alya* was reported in the vicinity of the historic town of Dynamite on the west side of North Slough (Bowden et al. 2017). There was another Indian village at Goose Point (recorded as archaeological site 35CS87) on Haynes Inlet (Beckham 2015).

In January 1852, the United States (U.S.) army transport ship *Captain Lincoln* wrecked on the Pacific beach side of the southern North Spit, about two miles north of the mouth of Coos Bay, and Camp Castaway (archaeological site 35SC277) was briefly established by survivors (Byram 2013). “The Indians were friendly and peaceable” wrote Orvil Dodge (1898). Henry Baldwin, one of the soldiers at Camp Castaway, recalled: “The old chief named Hanness [perhaps misinterpreted from the language Hanis]... informed us that they were Cowan [Coos] Indians, and resided where Empire now stands.” He returned with “a long pack-train of squaws laden with fish of all kinds, wild geese, ducks, elk and venison” which were traded for “hardtack, rice, tobacco and lots of old dragoon pants, shell jackets, capes, skirts, boots and shoes.” Dodge continued: “Many from the Indian tribes of North Bend, Marshfield, the Sloughs and Coos river also came to see the wonderful white strangers.” Salvaged goods from *Captain Lincoln* and troops made it back to Port Orford in May 1852. Captain Morris Miller, who retrieved the stores, wrote of the Indians that they possessed “the most friendly disposition, aiding us readily with their canoes in crossing the rivers, bringing wood and water to the campfire, and considering themselves amply remunerated...by a small quantity of hard bread. They are full of curiosity...and much disposed to barter.”

In 1853, Indian Agent William Martin wrote of the Coos Indians: “They live entirely by fishing, don't wish to move at present. They claim all of the country commencing at Ten Mile creek...down the coast to near the Coquille river...” In February 1854, Martin wrote: “The Coos Indians are a decidedly unwarlike people. They are almost entirely unarmed. All they seem to want is merely to be let alone at their lodges. They are free of diseases.”

The Coos, Lower Umpqua, and Siuslaw Indians did not actively participate in the Rogue River War of 1855. In fact, white settlers recounted that the Coos Indians retreated into the mountains and sloughs to avoid the conflict. In November 1855, Indian Agent Edwin Drew found Chief Taylor and part of Tyee Jim's people at the junctions of the North and South forks of the Coos River, while the remainder of Jim's band had relocated to North Slough (Beckham 2015).

Joel Palmer, Oregon Superintendent of Indian Affairs, negotiated an unratified treaty with "several bands of Kowes Bay Indians," that was signed on August 17, 1855 by "Jim 1st, Bob, John 1st, George, William, Charley 1st, Dock, Dick, Ole-man-doctor, Tom 1st, Captain, Stephen, Cal-lolt, Wol-lunch, Loch-itch. Wol-loch, Pete, Jackson, Hal-lice, Taylor, Pe-lee-gray, Joe, Sam 1st, Charley 2nd, Sam 2nd, Jim 2nd, Johnson, Charley 2nd, Ole-man, Jack, Tom 2nd, Jim 2nd, John 2nd, Gabriel, Cris, Kah-tite, Ne-at-tal-woot, Jake, Quin-ui-chet, Yet-so-no, Loket, Damon, Ka-tow-na, Loch-hite, Ten-ach, Ki-hi-ah, How-seach, Ko-at-qua, Solomon, Lol-lotch, Skil-a-milt, Yah-who-wich, Tes-ich-man, How-new-wat, Squat-kle-ah, ki-wot-set, Al-la-wom-met, Too-toe, and No-whe-na." The histories of the Siulawans, Lower Umpqua, and Coos tribes were mostly intertwined after the failure of Palmer's 1855 treaty.

Although no treaties were ratified by Congress, in the spring-summer of 1856, the U.S. government removed members of the Siuslaw, Lower Umpqua, and Coos tribes to the Umpqua sub-agency of the Siletz (Coast) Reservation, created by President Franklin Pierce by Executive Order in November 1855. U.S. Army post Ft. Umpqua was established 1856 at the sub-agency to control the Indians on the reservation (that post was abandoned in 1862, after the sub-agency was moved to Yachats). In a July 1, 1857 letter, Indian Agent E.P. Drew reported 240 people of Siuslaw and Alsea bands on the Siuslaw River, and 450 people of Scottsburg, Lower Umpqua and Coos bands on the Umpqua River, "No treaty having been ratified with this tribe."

In the fall of 1859, this sub-agency was relocated to Yachats, with agency buildings erected six miles south of the Alsea River. In a letter dated November 16, 1860, Indian Sub-Agent J.B. Sykes stated that he "succeeded in removing Coose and Umpqua Tribes to the Alsea Sub-agency Coast Indian Reservation Oregon." Sykes originally "found but a few Inds. at the Agency most of them having gone to Coose bay and the mountains." Sykes rounded them up as best he could, but noted that many were hidden by white men at Coos Bay, "most of them living with Squaws."

J.A. Yoakum, an early American settler near the mouth of the Coos River, stated that of the almost 200 single white men in the Coos Bay area in the late 1850s all but less than 10 lived with Indian women (Douthit 2002).⁴ Royal Bensell, a soldier stationed at Fort Yamhill, in April 1864 reported about Coos Bay: "The lumbermen up these bayous and sloughs are roughest of men. Nearly all married to squaws or else have a written obligation that will marry rather than allow the Ind Agt to deprive them of their concubines. They conceal the Indians, warn them, and otherwise enhance the difficulties of catching the red devils" (Barth 1959).

The North Spit and various sloughs along Coos Bay became a refugia for Coos Indians escaping from the Yachats reservation, or hiding from army removal. In 1860, Indian Sub-Agent Sykes reported 180 Coos Indians under Chief Taylor residing on the North Spit. The *Coos Bay News*

⁴ An Oregon law in 1866 prohibited white men from marrying Indian women, so there was a surge of such marriages before that, with 13 of the 40 marriage licenses issued in Coos County between 1854 and 1864 for white men and their Indian brides.

reported on May 22, 1873 that “There are about two hundred Indians now on this bay from Siletz Reservation.” Beckham (2015) indicated that Coos Indians left the reservation and returned to Coos Bay where at least 20 native women had married white settlers.

One of the white pioneers with an Indian wife, who settled on the North Spit by 1861, was John Henderson. On July 9, 1861, the U.S. Coast and Geodetic Survey established its “Coos Bay South Base” survey station “on the W. side of the Bay [North Spit], inside the lower enclosure on the claim of John L. Henderson;” and put another survey station called “Henderson” “on the N. boundary of the small prairie on which Hendersons house and land claim is located.” Henderson made cash entries for his North Spit ranch in 1866 and 1868. On May 4, 1864, Royal Bensell, sent to collect off-reservation Indians at Coos Bay, wrote: “...going directly across the Bay [to North Spit], landed close to one Hendersons. This gentleman has busied himself gathering up canoes ostensible to sell them again to any Indian who may return. We soon demolished three. When Henderson came down he threatened heavily. We finished the fourth ‘Kanim’ and left our belligerent friend swearing vengeance” (Barth 1959). In 1872, Henderson sold out to William Luse, another white man who once had an Indian wife and resided on the North Spit. John Henderson and his wife Nancy were both deceased by 1878 (Beckham 2015). An 1889 U.S. Coast and Geodetic Survey map showed buildings associated with the historic Henderson Ranch on the North Spit east of Henderson Marsh (recorded as archaeological site 35CS221).

Dodge (1898) stated that “John Henderson, H.H. Barnett and James Jordan had located on Coos bay opposite but above Empire City” (on North Spit). In addition to ranching and farming, it is likely that Henderson, Barnett, Jordan, and their neighbors Sam Crawford and Bill Luse, also participated in the operation of the Coos Bay ferry at Jarvis Landing (originally called Barnett Landing) and its associated stage line along the Pacific shoreline north to the Umpqua River communities (Gardiner).

Sirinold “Sam” Crawford, and his Miluk wife Susan, made cash entries in 1869 and 1870 for their homestead on the North Spit adjacent to the Henderson and Barnett properties (Byram 2006a; Beckham July 2015). The 1870 U.S. Census for Coos County listed “S.R. Crawford” living alone, as a 40-year-old “farmer” from New York.

Henry Hudson Barnett was said to be living in Coos County by 1857. Byram (2006a) thinks that H.H. Barnett, with his first wife, a Coos Indian, settled near the North Spit ferry as early as 1866, with Barnett receiving a homestead certificate in 1868. The 1870 U.S. Census for Coos County listed Henry Barnett as a 44-year-old “farmer” from New York, with a 25-year-old wife “Mrs. Cora” from Oregon, and four children (Emma, age 11; George, age 9; William, age 7; and Frank, age 4). The 1880 Census had the Barnett family at Gardiner, with Henry listed as a 55-yr-old “mail carrier.” His second wife, Ellen, was a Siuslaw Indian. H.H. Barnett extended his stage line north to the Siuslaw River in 1875, when part of the Coast Reservation was opened. After Henry passed in 1904, his sons continued to operate the stage line (Beckham 2015). George Barnett told the 1931 Court of Claims that he carried mail from Haines Slough to the Umpqua River (Youst 1997).

James Jordan, from Kentucky, came to Coos County in 1856, and operated a bar in Empire. About 1860 James Jordan and George Thomas (nicknamed Kentuck) had a contract to purchase meat for the North Bend mill (Dodge 1898). Thomas and his Indian wife lived at Kentuck Slough; although the 1861 U.S. Coastal Survey noted this as “Jordan Slough” (Byram 2006a). On June

9, 1861, James Jordan recorded a marriage contract with a Hanis Indian woman named Jane.⁵ The U.S. Coast and Geodetic Survey map of 1889 illustrated buildings on the north shore of geographic Jordan Cove, that probably relate to the historic Jordan Ranch. James Jordan made cash entries for his ranch at Jordan Cove in 1866 and 1869 (Byram 2006a). The 1870 census listed James as a 43-year-old “farmer,” with 25-year-old wife Jane from Oregon, and five children (including son George, age 8). Youst (1997) claimed that the 1880 Census had George Jordan at Haines Slough. Jane Jordan passed in 1890. That year, and in 1900, James Jordan was enumerated on the Census in the Tenmile (Lake) District, living with the family of his son Peter (Beckham 2015; Punke 2018). Susan Davis and Peter Jordan, testified during the 1931 Court of Claims hearings on behalf of the Coos Tribes, and Susan and her son were informants for ethnographer John Harrington in 1942 (Byram and Purdy 2007).

The Henderson, Barnett, Crawford, and Jordan properties on the North Spit were acquired by about 1880 by Henry Heaton Luse, of Pennsylvania, who erected the first saw mill at Empire in 1857, and his son William. W.A. Luse also purchased land in 1884 and 1886 on the west side of North Slough in the vicinity of Cordes. H.H. Luse moved to San Francisco and sold his Coos County holdings to the Knowles family in 1883, who in turn passed the land on to the Southern Oregon Improvement Company. These assets were acquired by the Menasha Woodenware Company in 1908 (Beckham 2015).

The Jordan Ranch became the center of a native community around Haynes Inlet from the 1860s through the 1880s. John Henderson, Hank Barnett, George Wasson, Charles Metcalf, and Bill Luse were reported to be part of the resistance movement against Indian removal from the North Spit (Byram and Purdy 2008). Indian Sub-Agent J.B. Sykes, in a letter dated November 16, 1860, complained that his efforts to remove the Lower Umpqua and Coos Tribes to the Alsea sub-agency was “interfered with by unprincipled white men.” On the North Spit, Indian women were hidden “in the house of a County Official [probably Hank Barnett or John Henderson at the Jarvis Landing ferry building] and were secreted by the said Official and a young man named Wm Luce.” In October 1868, a man named Carr, who was part of a group sent out by Indian Agent George Collins to return Indians from the North Spit to the Alsea sub-agency, was arrested when he illegally entered the Jordan home to take Jane Jordan as his prisoner (Beckham 2015).

Besides the Jordan, Barnett, Crawford, and Luse families, which included Indian wives and children, the ethnographer John Harrington noted that Charlie Collins, Fuller Sprague, and Gus Sandrell were Coos Indians who lived around geographic Jordan Cove (Byram 2006a). Fuller Sprague married Annie Jordan, the daughter of James and Jane Jordan (Bowden et al. 2017). The Coos ethnographic informant Annie Peterson stated that she resided among the Haynes Inlet Indian community in the 1880s, together with her native grandmother, mother, aunt and uncle, and niece (Youst 1997). “Old lady Sprague” (Annie Jordan) was said to have been buried about 1906 at the Indian cemetery on the west side of North Slough in the vicinity of the historic community of Cordes (Harrington 1942; Finnell 1978; Simmons 1984). “Ten Mile Tom,” a Miluk-speaker who passed away about 1907, was another longstanding member of the Jordan Cove Indian community (Beckham 2015).

⁵ Jane Jordan had previously been married to an Indian named Snubby, who was murdered by her second husband, a white man named John Martin Davis (Douthit 2002). Jane and Davis had a daughter named Susan, who later married Lewis Jackson, then William Waters (Beckham July 2015).

In May 1869, James Jordan paid cash to acquire about 75 additional acres at Haynes Inlet, and then sold the property to Charles Metcalf, who also had a Coos Indian wife. The Metcalf family were part of the Haines Inlet Indian community; Annie Peterson married Eli Metcalf in 1898 (Youst 1997). Prior to that, the Metcalfs lived in the South Slough area. Royal Bensell remembered meeting Charlie Metcalf while rounding up off-reservation Indians in Coos Bay, writing on May 4, 1864: “4 men go to South Slough. They were well treated by the ‘Roughs,’ particularly Mr. Metcalf who begged the Boys not to take Mrs. Metcalf, a very antiquated ‘clucham.’ He produced a small half-breed, the fruits (he said) of ‘lawful wedlock.’” The 1870 U.S. Census for Coos County listed Charles Metcalf as 34-year-old from Vermont, with 22-year-old wife Susan from Oregon, and two children (Ira and Willis) ages 4 and 2; 9 entries before James Jordan family (all residing on North Spit?). After the passage of the Dawes Act of 1887, Youst (1997) mentioned the Charlie Metcalf and his Miluk Indian wife Susan obtained allotments on Big Creek at Sunset Bay (south of Coos Bay).

In December 1865, a Presidential Executive Order divided the Coast Reservation into the northern Siletz between Salmon and Siletz Rivers and Alsea sub-agency to the south. In between, Yaquina Bay was opened to white settlement (Beckham 1987). An 1875 report from Indian Agent Smith counted 118 Alsea, 45 Siuslaw, 120 Coos, and 42 (Lower) Umpqua people at the Alsea sub-agency. “The Alsea and Sinelaws are on lands which their fathers have occupied for generations. The Coos and Umpquas were removed thither in 1855.”

By act of Congress in March 1875, the Alsea sub-agency was closed, its land restored to the public domain, and its residents were supposed to relocate to the Siletz Reservation; but many moved south to their former native lands. Lottie Evanoff remembered that after the Alsea sub-agency closed members of the Coos tribe resided at the Siuslaw River for about a year before returning to Coos Bay. Annie Peterson stated that the Siuslaw Indians gave provisions to the Coos Indians after they left Yachats (Youst 1997). On August 13, 1883, Siletz Indian Agent F.M. Wadsworth stated: “The census of 1880 shows 998 belonging here; of that number, about 360, composed principally of Sinalaws, Coos, and (Lower) Umpquas, are scattered along down the coast all the way between here and California.” In 1881, 67 Siuslaw Indians moved to Siletz and took up allotments in the Salmon River area.

Individual Indians were given allotments at Siletz under the 1887 Dawes Act, with some Coos and Siuslaw Indians receiving allotments in the Coos Bay and Florence areas, and Lower Umpqua Indians getting allotments near the mouth of the Umpqua River under section 4 of the Act which provided for non-reservation tribes. Jesse Martin, a Coos Indian, received an allotment on the west bank of North Fork, at its confluence with the Siuslaw River (Connolly et al. 2008). Lionel Youst (1997) mentioned Coos Indian allotments on Big Creek at Sunset Bay (south of Coos Bay), including Wentworth and Ione Baker. Wentworth Baker was stationed at Fort Yamhill at Grand Ronde with Company D of the 4th Infantry of California Volunteers, where he met Ione Tichenor of the Euchre Creek band of Athapaskan-speaking Tututni, who had been forced to march up the beach route from Port Orford in 1856; and they married in 1868. The son of Wentworth and Ione, Charlie Baker, married Annie Peterson, a Coos Indian, in 1910 (Youst 1997). The 1870 U.S. Census for Coos County listed Wentworth Baker as a single 38-year-old “laborer” from Maine.

In 1886, Charles and Thomas McFarlin, from Massachusetts, established a cranberry meadow in North Slough. According to George Wasson in 1935, members of the Coos, Lower Umpqua, and

Siuslaw Indian Tribes worked harvesting cranberries at the North Slough bog until at least 1909, when Charles McFarlin passed, and probably longer when the land was owned by the Frazer and Lyons families (Beckham 2015).

The Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians (Coos Tribes) formed a tribal council in 1917, including Frank Drew, Peter Jordan, and Tom Wasson (Beckham 1977). In 1942, ethnographer John Harrington lived with Frank Drew near the mouth of the North Fork of the Siuslaw River, while gathering information on the Coos Tribes. George Wasson was another Harrington informant. In 1937, the U.S. government constructed a tribal hall and community center on 6.1 acres held in trust for the tribes at Coos Bay. Federal recognition was restored to the Coos Tribes in 1984.

According to Beckham (1971), the Upper Umpqua Indians occupying the South Fork of the Umpqua River included five bands: Miwaleta, Augunsah, Quintiousa, Targunsan, and a small group under headman Wartahoo. George Riddle (1920), whose family took up one of the first DLC south of modern Roseburg in 1851, stated that there were five bands of Umpqua Indians in the upper Umpqua River valley who spoke the same language (Athabaskan), while the Native Americans north of Myrtle Creek [probably the Lower Umpqua Indians] spoke a different language (Coos). In 1857, Indian Agent R.B. Metcalfe noted that the Cow Creek Band and other Umpqua bands from the Rogue River valley, who resided together at the Siletz Reservation at that time, “speak the same tongue.”

The HBC established a post in the upper Umpqua River Valley in the 1820s specifically to trade with the Upper Umpqua Tribe. Alexander Kennedy of the HBC in 1825 wrote that: “An attempt was made from Fort George to establish a Post in the Umpqua County the winter before last (ca. 1823) – but returns from that Quarter was so little as not to induce us to send back again.” In December 1826 HBC trader A.R. McLeod mentioned the “old establishment” in the upper Umpqua valley (near modern Elkton?). In an August 31, 1833 letter, HBC superintendent John McLoughlin (Rich 1941) stated that Michel Laframboise in 1832 went to “McKay's Fort on the Umpqua.” American sea captain William Slacum in 1837 noted “Fort McRoys (McKay?), on the River Umpqua” as part of HBC operations. John Dunn (1844) also called it “McKay's Fort” on the Umpqua. HBC trader John Work (1923) mentioned “Umpuah old fort” in his June 12, 1834 journal entry. The HBC operated Ft. Umpqua, mostly with Jean Baptiste Gagnier in-charge, until about 1851, when the post burned down.

In November 1826, HBC trader A.R. McLeod traveled down the Umpqua River by canoe with “Old Chief” of the Upper Umpqua Tribe. McLeod later [in 1828] identified this chief as “St. Arnoose” (Sullivan 1934). Scottish botanist David Douglas, who accompanied McLeod in the fall of 1826, named the Upper Umpqua chief “Centernose.” Wrote Douglas (1905) of the Upper Umpqua Tribe: “The women of this tribe are all tattooed, chiefly over the lower jaw in lines from ear to ear.” In the Upper Umpqua valley, Douglas came upon “eight Indians, all of them painted with red earth, armed with bows, arrows, bone-tipped spears and flint knives [no guns]. They appeared anything but friendly.”

On March 18, 1838, James Douglas of the HBC wrote: “... the Umpqua Indians the fiercest, most untractable and vindictive of all the lower Columbia Tribes. They lately carried their daring so far as to menace their Post with destruction, a circumstance that for a time occasioned a considerable degree of annoyance and anxiety. The sole cause I believe of this irritation was the prevalence

among the tribe, during the latter summer months (1837) of an unknown and fatal disease attended by alarming mortality which they charitably ascribed to our ill offices. The storm however blew over or spent itself in words, and all traces of irritation are I trust effaced from their minds as the former friendly understanding appears to be quite restored.” On October 18, 1838 Douglas wrote: “I lately dispatched Mr. Thomas McKay with six good men, to put the affairs of the Umpqua River, in order, and tranquilize the Natives, who have not entirely banished from their minds, the false impressions which, last year (1837), created so much excitement among them. The person in charge of that Post, a common Canadian (Gagnier), is fully competent in the management of the trade; but deficient in the firm and resolute mind which, in certain situations, is found to be indispensable.” Douglas also stated that the fur trade at Ft. Umpqua was “comparatively better than usual” for the 1838 season (Rich 1941).

When visiting the Upper Umpqua River valley in 1840, Gustavus Hines (1852), of the Willamette Methodist Mission, wrote: “The Indians inhabiting the Umpqua valley, from the Pacific Ocean one hundred miles into the interior, are very few. All that we could find, or get any satisfactory evidence as now in existence, did not exceed three hundred and seventy-five souls. These live in several different clans, and speak two distinct languages [Coos and Athapaskan]...the Indians of this valley were vastly more numerous than at present. The Umpqua tribe, but a few years ago numbering several hundred, by disease and their family wars have been reduced to less than seventy-five souls.”

U.S. Navy Captain Charles Wilkes in 1841 counted 400 Umpqua Indians (Wilkes 1844). Joseph Lane, the first Territorial Governor of Oregon and Superintendent Indian Affairs, in his 1849 report to the Commissioner of Indian Affairs, wrote: “The Umpqua Indians occupy a valley of that name, and are much scattered. They live in small bands, are poor, well disposed, well-armed, and live by the chase, as also on fish, roots, etc.; they number about 200.”

In November 1851, Indian Agent A.A. Skinner met 100 members of the Umpqua band of Rogue River Indians at Perkin's Ferry [near modern Grants Pass], including chiefs of the Grave Creek band. He named the chiefs “Joe” and “Sam.” “They appear entirely friendly.” “With the Umpqua band no difficulty of any consequences has occurred.” Skinner wrote in 1852: “The whole country from the Calapooya creek, in the Umpqua valley, to the Siskin mountain, is occupied by the Umpqua and Shasta tribes of Indians; and these tribes are subdivided in various bands, each claiming separate and distinct portions of territory.” In 1851, Oregon Superintendent of Indian Affairs Anson Dart counted 243 Umpqua Indians. In 1854 Joel Palmer wrote: “The county of the Umpquas is bounded east by the Cascade Mountains, west by the Umpqua Mountains and the ocean, north by the Calipooia Mountains, and south by Grave Creek and Rogue River Mountains.” Indian Agent S.H. Culver in 1854 estimated that “Jim’s band of Umpquas” totaled about 87 people.

Of the Umpqua Indians, Joel Palmer, Oregon Indian Superintendent, wrote in 1854: “I found many of them wretched, sickly, and almost starving....They were once numerous and powerful, but now few and weak....The country of the Umpquas is bounded east by the Cascade mountains, west by the Umpqua mountains and the ocean, north by the Calipooia mountains, and south by Grave Creek and Rogue River mountains...much of which is already settled by whites.... Near Grave Creek... resided the feeble remnant of several bands, once numerous and warlike...They speak the Umpqua language, and though so different in character, may be regarded as belonging to that tribe.”

On September 19, 1853, Joel Palmer signed a treaty (ratified on April 12, 1854) with the Cow Creek Band of Umpqua Indians, represented by Quin-ti-oo-san (Bighead), My-n-e-lletta (Jackson), and Tom. On November 29, 1854, Palmer signed a treaty (ratified) with the Upper Umpqua Tribe and Calapooipas residing in Umpqua valley, represented by Napesa (Louis), Peter (Injice), Tas-yah (General Jackson), Gous, Nessick, Et-na-ma (William), Cheen-lenten (George), Nas-yah (John), Absquil (Chenook), Jo, and Tom. These treaties were supposed to relocate the Upper Umpqua Tribe to the Table Rock Reservation [near modern Medford].

In 1856, the Table Rock Reservation was closed. That year U.S. troops marched a group of Upper Umpquas, Southern Molallas, and Kalapuyans overland from Elk Creek to the Grand Ronde Reservation, which was officially established by Executive Order in 1857. Beckham (1971) referred to this event as the so-called “Umpqua Trail of Tears.” Joel Palmer stated that 380 Indians came to Grand Ronde under a detachment of the U.S. Army. On May 10, 1856, Palmer counted about 1,557 Indians at Grand Ronde. In 1857, Louis Napsea [who signed 1854 treaty] was principal chief of the Upper Umpqua Tribe.

In 1875, the Indian Agent at Grand Ronde counted 32 Cow Creek and 160 Umpqua Indians. The ethnographer John Swanton stated that in 1902 there were 84 Upper Umpqua Indians on the Grand Ronde Reservation (Swanton 1953).

Miluk was spoken by people who resided in the South Slough area of Coos Bay, and at the mouth of the Coquille River. HBC trader A.R. McLeod in 1826 called the Coquille River the “Shequites.” Native Americans who resided along the lower Coquille River were known collectively as the “Nasomah;” they are also called the Lower Coquille Tribe. Coos informant Annie Peterson identified the people at the mouth of the Coquille River as “*Gwsi’ya*” (Jacobs 1939).

In a July 10, 1854 letter, J.L. Parish, Indian Agent at Port Orford, wrote that: “The Nas-o-mah band resides on the coast, at or near the mouth of the Coquille River.” This band numbered 59 people in one village headed by Chief John. On August 23, 1855, Joel Palmer signed an unratified treaty with the chiefs of the “Quana, Sake-nah, Klen-nah-hah and Ke-ah-mas-e-ton bands of the Nas-o-mah or Coquille tribe of Indians.” Indian Sub-Agent F.M. Smith reported that in January 1854 a party of white miners attacked an Indian village at the mouth of the Coquille River. Coquelle Thompson, an Athabaskan Upper Coquille ethnographic informant for J.O. Dorsey (1884) and J.P. Harrington (1942) among others, identified three historic Lower Coquille Indian villages near the modern town of Bandon: *K’ama’c-dunne* (35CS3), *Ni-les-tunne*, and *Mae’sh-techae-dunne* (Tveskov 2000).

While Hanis and Miluk are considered variations of the Penutian language group, the Upper Coquille people, residing mostly above what is now the modern city of Coquille, spoke an Athapaskan dialect, and called themselves the “*Mishikwut’me-dunne*” (Tveskov and Cohen 2007).

J.L. Parish noted in 1854 that the Upper Coquille Indian village of “Chocreleatan” was located at the forks of the Coquille River, with a population of about 27 people. Coquelle Thompson named historic Upper Coquille Indian villages as: *Hwshdan*, about 5 miles above the mouth of the Coquille River; *Lhan-hashdan*, about 3 miles downstream of the modern city of Coquille; *T’asan-Ts’eghilh’adan* at Myrtle Point; *Ch’aghilidan* at the mouth of the North Fork; *Chanchat’ahdan* at the confluence of the South and Middle Forks; and *Nataghilidan* at the falls about 8 miles up the South Fork (Youst and Seaburg 2002). In November 1851, Anson Dart, Indian Superintendent of

Oregon, forwarded 13 draft treaties, including with the Coquille bands, but none were ratified by Congress.

At the conclusion of the Rogue River War, many of the Upper Coquille Indians were removed to the Coast Reservation. While a majority of the tribe, including women and children, were transported from Port Orford by steamer in June 1856, according to Youst and Seaburg (2002), Chief Washington [father of Coquille Thompson] and two of his wives, and other able-bodied younger Indians without children went overland to the reservation.

The Takelma of the Rogue River valley were divided into two bands: Dagekma and Latgawa. The Dagekma or lowland Takelma lived along Jump Off Creek, Illinois River, and Rogue River. The Latgawa resided in the uplands of the eastern Rogue River and Cascades.

In his 1849 Report to the Commissioner of Indian Affairs, Governor Joseph Lane wrote: “The Rogue river Indians... occupy the country on both sides of the Rogue river, from where the road to California crosses to the mouth of the same, and on to the coast, they number some seven or eight hundred; they are a warlike and roguish people, and have lately given much trouble to small parties of our people returning from the gold mines; have succeeded in killing some, wounding some, and robbing others, by which they have got several thousand dollars of gold, many horses, and some guns. Owing to their recent success, it is to be feared that we will have some trouble with these Indians.”

Indian Agent A.A. Skinner in 1851 identified Joe and Sam (signers of September 1853 Table Rock Treaty) as principal chiefs of the Rogue River Indians (probably Takelma). On July 26, 1852, Skinner identified Sam as the principal war-chief of the Indians who reside in the vicinity of the Big Bar of the Rogue River.

Joel Palmer drafted a treaty on September 10, 1853 with “Rogue River Tribe of Indians” (Takelma), signed by eight headmen representing 287 Indians, removing the Indians to the Table Rock Reservation; the first treaty ratified (on April 12, 1864) by Congress for an Oregon Indian Tribe (Beckham 1971). The headmen who signed this treaty included Jo (Aps-so-ka-hah, Horse Rider), Sam (Ko-k-ha-wa, or Wealthy), To-qua-he-ar, Jim (Ana-chah-a-rah) John (Te-cum-tom, or Elk Killer), Lympe, and Joquah Trader (Chol-cul-ta, or George). The U.S. Army erected Ft. Lane near the Table Rock Reservation in September 1853 (in the vicinity of modern Central Point), to control the Rogue River Indians.

In his letter of September 11, 1854, Joel Palmer named Limpey, John, Elijah, and Tipsey as leaders of Rogue River Indian bands who were hostile to whites (Limpey and John were Takelma leaders who signed the September 1853 Table Rock Treaty). Palmer indicated that Tipsey’s band refused to come to the newly established reservation. Elijah's band came to the (Table Rock) reservation. Tipsey was reportedly killed by Shasta Indians. Friendly Rogue River chief Jim (Takelma leader who signed September 1853 Table Rock Treaty) was shot by more hostile Indians in Jacksonville.

Beckham (1971) indicated that a survey in fall 1854 counted only 523 people in nine bands in the Rogue River valley. Indian Agent J.L. Parish in 1854 indicated that the village of the “Shis-ta-koos-tees” was located on the north bank of Rogue River, opposite the confluence with the Illinois River. This village of about 100 people was led by Chief Koo-oay-yah (also known as “Wealthy” or Sam, signer of the September 1853 treaty). Dr. Rodney Glisan (1874), stationed at Fort Orford,

in March 1856 mentioned the Rogue River Indian village of “Macanuteeney.” In a letter dated July 3, 1856, Joel Palmer stated that a village of “Cistocootes Indians” was located 5 miles below the Big Bend of the Rogue River.

The so-called “Rogue River War” was instigated in October 1855 when a group of American vigilantes from Jacksonville murdered Native Americans occupying villages at the mouth of Little Butte Creek, in the vicinity of the Table Rock Reservation (the so-called Lupton Massacre). Troops were sent out from Fort Lane under Captain Andrew Smith to Grave Creek. On October 31, they engaged the Takelma, probably led by families related to Tyee George, Tyee Limpy, Tyee Mewaleta, and Tyee Joe, who defeated them at the Battle of Hungry Hill (Tveskov 2017).

On March 14, 1856, U.S. troops under Captain Auger left Port Orford to engage the Rogue River Indians. They burned villages at Macanuteney. On April 29, 1859, Dr. Glisan listed Indians in open hostilities on the upper Rogue River as “Taltassaneys, Applegates, (Old John’s band), Shastahs, Alisecreeks...George and Limpy’s bands.”

Joel Palmer reported on a battle at Big Bend of Rogue River that lasted 36 hours, where about 200 Indians were routed by U.S. troops under Captain Augur. Those troops then proceeded to the mouth of the Illinois River and attacked an Indian encampment, killing about 14 people.

In a June 23, 1856 letter, Palmer declared “I now regard the war in southern Oregon closed. All the hostile bands, with the exception of John’s, who has about thirty warriors, and the Cheeto and Pistol River Indians, numbering perhaps fifty warriors, have come in and unconditionally surrendered...” There were about 600 Indians at Port Orford and 250 at the mouth of the Rogue. Palmer sent 710 Indians by steamer to Portland, then via river boats to Dayton and Grand Ronde. Dr. Glisan noted the steamer “Columbia” first took on Indians at Port Orford on June 20, 1856. This included the “Enguas, and a part of the Joshuts, Macanotens, Techaquit, Klantial, Too-too-tone, Cosatomy, Scotons, and Cow Creek Umpquas” bands, according to Palmer.

Dr. Glisan wrote that on July 8, 1856, the steamer “Columbia” took on a second load of 592 Indians (excluding infants). According to Lt. Col. Buchanan, this included “George and Lumpy’s people” (Takelma).

Oregon Indian Superintendent James Nesmith noted that since signing 1853 treaty the Rogue River tribe “has diminished more than one-half in numbers” and in 1857 totaled about 909 people. Agent John Miller, at Grand Ronde, in July 1857 indicated that “the greater portion of the Rogue River and all of the Shasta Indians were removed, with their own consent, to the Siletz coast reservation...leaving only two hundred and sixty-seven of the above stated tribes as this agency.” Dr. Glisan confirmed in June 1858 that Old Sam was still chief of the Rogue River Indians at the Grand Ronde Reservation.

In a July 1858 letter, Agent Robert Metcalfe at Siletz indicated that while the Rogue River Indians numbered 590 people the previous year, about 205 died, 35 returned to Grand Ronde, and 350 remained, many of whom were sick. In 1875, the Grand Ronde Reservation contained “73 confederated Rogue River and Shasta.” Sapir (1907) stated that in 1884 there were only 27 Takelma left at Siletz.

In his September 11, 1854 letter, Joel Palmer mentioned visiting the “Etch-kah-taw-wah” who resided on Applegate Creek, and the “Haw-quo-e-hov-took” on Illinois Creek, also known as the

Chasta band of Rogue River Indians. In the November 18, 1854 treaty (ratified March 3, 1855), Joel Palmer got two bands of Chasta, three bands of Scotons, and the Grave Creek band of Umpqua Indians to give up lands in the Rogue River valley for the Table Rock Reservation. The leaders of the Chasta Costa included Jes-tul-tul (or Little Chief), Ko-ne-che-quot (Bill), Se-sel-che-tel (Salmon Fisher), Bas-ta-shin, Kul-ki-am-i-na (Bushhead), Te-po-kon-ta (Sam), and Jo.

In February 1854 a white man named Miller, who had a house and ferry at the mouth of the Illinois or Chetco River, and his associates killed at least 23 Indians. Also in 1854, Indian Agent S.H. Culver stated that “Those known as the ancient Applegates” included only about 39 people; and “Taylor’s band and those on ‘Jump-off Joe’ Illinois” about 47 people. Joel Palmer asked the Applegate Creek and Illinois Creek bands to come to the Table Rock Reservation. “John,” the “Patriarch” of the Applegate band, remained off reservation.

Old John and his Applegate band were the last hostile Indians to surrender at the end of the Rogue River War. Dr. Glisan stated that Captain Edward Ord brought Old John in from the Illinois River valley to Port Orford on July 2, 1856, with 35 men, 90 women, and 90 children. On July 10, Major John Reynold’s company, with 200 mules, escorted Old John’s band overland to Grand Ronde. This included 90 soldiers and 125 Indians.

The Shasta Indians occupied southern Oregon south of Jacksonville, along the upper Rogue River, and the Siskiyou Mountains into northern California and the Shasta Valley. The Shasta had their own language, within the Hoka family. The Oregon Shasta were known as “Kahosadi.” Near Jacksonville was the Shasta village of “Kwahawa,” while the village of “Itsa Wah.atiraga” was situated at the confluence of the Stewart and Rogue Rivers. HBC trader Finan McDonald, with Tom McKay, may have made contract with the Shasta Tribe in the fall of 1825. On February 10, 1827, P.S. Ogden (1910) of the HBC stated: “Here we are among the Sastise.” HBC trader A.R. McLeod traveled through “Chaste Valley” during his 1829-30 journey to and from California. McLeod wrote: “Indians not numerous and considered of a peaceful disposition having proved so to Mr. (Tom) McKay and party (Ogden brigade) during their stay amongst them Winter 1827” (Nunis 1969). U.S. Navy Captain Charles Wilkes (1844) in 1841 counted 500 people belonging to the Shasta Tribe. In 1851, A.A. Skinner, Indian Agent in the Rogue River Valley, met “a portion of the Shasta band of the Rogue River Indians... This portion of the tribe reside principally on the main river between the ferry and Table Rock....” While the American Indian Commissioners in 1851 negotiated a treaty with the Shasta, it was never ratified by Congress. After the Rogue River War in 1856, the Shasta Indians were removed to Grand Ronde and Siletz reservations. Anthropologist Roland Dixon (1907) estimated that ca. 1900 there were only two-score full-blooded Shasta left, with four individuals at Siletz and one or two at Grand Ronde.

In 1884, anthropologist J.O. Dorsey (1889) noted the following tribes/bands at Siletz Reservation arranged by linguistic stock: Athapascans – 12 tribes/bands, including Applegate Creek, Galice Creek, Chasta Costa, Upper Coquille, Chetco, Mikonotunee, Tutu and Joshua, Euchre Creek, Sixes Creek, Naltunne tunne, Smith River (CA), and Upper Umpqua; Yakonan – 4 tribes/bands including Yaquina, Alsea, Siuslaw, and Kutch or Lower Umpqua; Kusan – 1 tribe, Mulluk or Lower Coquille; Takilman – 1 tribe, Takelma or Upper Rogue river; Shastian – 1 tribe, Sasti or Sesti; and Shahaptanian – 1 tribe, Klikitat.

Peter Skene Ogden’s HBC Snake River brigade penetrated into the Klamath Basin in 1827, where he found an Indian village of 20 tents on the Klamath River, called them “Clammite,” estimated

to be a nation 250 men (Ogden 1910). The Indians had no guns, and were wary of attacks by Nez Perce and Cayuse (who captured them as slaves). A.R. McLeod of HBC visited “Clametti Indians” during an 1829 trip to Sacramento Valley; they gave his party fish and dogs to eat (Nunis 1969). Wilkes (1844) in 1841 counted 300 Klamath Indians. J.C. Fremont (1845) took his U.S. Army Corps of Topographic Engineers expedition to Klamath Lake in December 1843, and wrote: “The language spoken by these Indians (Klamath) is different than that spoken by Shoshones and Columbia Indian tribes....” In 1854, Joel Palmer, the Superintendent for Indian Affairs in Oregon, wrote: “The Klamaths were once numerous, but wars with the surrounding tribes, and conflicts among themselves, have rendered them weak. They now number but four hundred and fifteen souls. Seven villages are around Klamath lake; two on stream called Pli-ock creek, east of the lake, three on To-qua lake, and one on Co-as-te lake. Their lodges are generally mere temporary structures, scarcely sheltering them from the pelting storms. Some of them have visited the settlements and obtained tents, camp equipage, and clothing. They possess a few horses, and among them I saw four guns, but they had no ammunition. The bow and arrow, knife, and war-club, constitute their weapons.”

Palmer continued: “The country around An-coose and Modoc lakes is claimed and occupied by the Modoc Indians....” Palmer stated: “On a recent visit to Klamath lake I assembled a considerable portion of the Klamaths, and entered into a conventional agreement or treaty of peace, which I believe them inclined to observe....Messengers were sent to the M-docks, Mo-e-tws, and to the Snakes bordering these tribes, and I confidently believe little trouble will this year be given to emigration in that quarter.”

A treaty was eventually consummated with Klamath, Modoc, and Yhooskin band of Northern Paiute Indians (signed October 14, 1864), creating a 1.1-million-acre reservation. Indian Agent Smith in 1872 counted 4,000 people total for the Klamath, Modoc, and Yahooskin and Wal-pah-pee band of Snakes, of which only 1,018 were on the reservation.

However, followers of Captain Jack, who participated in the Modoc War of 1872-73, were sent to a reservation in Oklahoma. Other Northern Paiute bands were settled at the Warm Springs and Burns Paiute reservations in Oregon, and the Fort Bidwell Reservation in California (see Stewart 1939:3).

Along the Oregon Coast, south of the mouth of the Coquille River, were the Athapaskan-speaking Tututni. Lewis and Clark called the Tututni Indians the “Luck-kar-so” and “Han-na-kal-lal.” In January 1827, Canadian A.R. McLeod of the HBC was the first Euro-American to reach the mouth of the Rouge River, which he wrote was “called by the native dialect Toototenez” (Sullivan 1934). HBC trader Tom McKay visited the “River Too-tu-nie” also in 1827. Fort Orford was erected by the U.S. Army in the fall of 1851 to control the Tututni Indians, as their lands were invaded by gold miners. In 1854, S.H. Culver, Indian Agent at Port Orford, counted 12 bands of Tututni Indians, totaling 1,311 people. Joel Palmer, on August 13, 1855, signed an un-ratified treaty with 13 bands of the Tututni tribe. In February 1856, the Tututni rose up and attacked white settlements, including Miners Fort near Gold Beach, and killed Indian Agent Ben Wright. After the Rogue River War, in 1856 the Tututni were sent to the Siletz Reservation.

A few northern California Indian Tribes, who also historically occupied, visited, or used resources in southern Oregon, may be interested in the Project. The Achumawi or Pit River people occupied the area of northern California from Goose Lake and the Warner Range on the east, from Mount

Shasta in the northwest to Mount Lassen on the southwest, and Eagle Lake on the southeast (Olmsted and Stewart 1978). Goose Lake extends into southern Oregon and this was once contested ground between the Klamath Tribes and the Pit River Tribes. The Smith River Athapaskans, or Tolowa Dee-ni' Nation, resided along the northern California Coast, and the Smith River, from Crescent City north to the Oregon border (Gould 1978). Other Tolowa and related Athapaskan bands occupied portions of southwestern Oregon, including the Cetco, Tututni, Chasta Costa, Galice, and Applegates (Miller and Seaburg 1990). The Yurok lived along the northern California Coast between Trinidad and Crescent City, and the lower 45 miles of the Klamath River (Pilling 1978). The Karok occupied the middle portion of the Klamath River valley in northern California, from the Seiad Valley westward to Burril Peak (Bright 1978).⁶ The Hupa resided along the lower course of the Trinity River in northern California (Wallace 1978). The Hupa, Karok, and Yurok people fished for salmon that spawned in the upper Klamath River system of Oregon. Today, the Pit River Tribes is headquartered at Burney, California. The Tolowa Dee-ni' Nation (formerly Smith River Rancheria) is headquartered at Smith River, California. The Karuk Tribe is headquartered in Happy Camp, California. The Yurok Tribal office is located in Klamath, California. The Hoopa Valley Tribe today is headquartered in Hoopa, California.⁷

⁶ A 1927 ethnographic summary of tribal distribution in Southwestern Oregon stated that: "A small section in Oregon along the (California) boundary may have been hunting land of the Karuk, whose home was on the lower Klamath River directly south" (Spier 1927).

⁷ The U.S. Senate refused to ratify 18 treaties negotiated by commissioners in 1851-1852 with California tribes. The Klamath Reservation in California for the Yurok and Hupa people was created by Executive Order in 1855. The Hoopa Valley Reservation was established by another Executive Order in 1876. The original Smith River Reservation of 1862 was eliminated in 1868, and the Smith River Rancheria created in 1908. The Karuk do not have an officially designated reservation, but the federal government holds several non-contiguous tracts in trust for the Tribe. The Pit River Tribe consists of 11 bands, some of whom reside at six rancherias. The Fort Bidwell Reservation was created in 1897.

Communications with SHPO

FERC Consultations

TABLE L-1		
The FERC's Consultations with the Oregon SHPO Since September 2015 Regarding the Jordan Cove LNG Export Terminal and the Pacific Connector Pipeline Project		
Date	Correspondence	Purpose/Description
February 22, 2016	Christine Curran, Deputy State Historic Preservation Officer (SHPO), letter to Ann Miles, (former) Director of Office of Energy Projects (OEP) at FERC	Requested that the FERC conduct a five-year review of the Memorandum of Agreement (MOA) executed in 2011 for the Jordan Cove LNG import terminal and original Pacific Connector sendout pipeline proposal, in Docket Nos. CP07-441-000 and CP07-444-000.
April 7, 2016	FERC letter to SHPO (in reply to February 22, 2016 letter)	The final EIS released in September 2015 for Docket Nos. CP13-483-000 and CP13-492-000 stated that if the Jordan Cove LNG export terminal and Pacific Connector feeder pipeline proposal under those dockets were authorized, it was the intention of FERC staff to amend the 2011 MOA to fit the new project. However, after the Commission issued its Order denying the applications in Docket Nos. CP13-483-000 and CP13-492-000, staff suspended work on those project.
October 11, 2016	Christine Curran, Deputy SHPO, letter to Heather Campbell, FERC Federal Preservation Officer	Requested that FERC engage the other signatories about terminating the 2011 MOA.
December 14, 2016	FERC letter to SHPO (in reply to October 11, 2016 letter)	After the Commission's December 9, 2016 <i>Order Denying Rehearing</i> upheld the previous decision to deny the applications in Docket Nos. CP13-483-000 and CP13-492-000, FERC staff would now consult with appropriate parties about termination of the 2011 MOA for Docket Nos. CP07-441-000 and CP07-444-000.
January 23, 2017	FERC letter to SHPO	FERC staff notified all parties to the 2011 MOA of our intention to terminate the agreement, and because no objections were raised in the 30-day review period, FERC now considered the 2011 MOA to be terminated. Also indicated that if Jordan Cove and Pacific Connector should file new applications, FERC staff would consider that to be a new undertaking. During the FERC's pre-filing environmental review period, staff would consult with appropriate parties about compliance with Section 106 of the NHPA for that new undertaking.
June 9, 2017	FERC notice to SHPO	Notice of Intent (NOI) for pre-filing Docket No. PF17-4-000 (which later evolved into Docket Nos. CP17-494-000 and CP17-495-000 after filing of formal applications) requesting comments about the Project.
June 21, 2017	SHPO letter to FERC (in reply to June 9, 2017 NOI)	SHPO will assist FERC staff with the development of a definition for the area of potential effect (APE) for the new Project.
October 18, 2017	FERC letter to SHPO	Invitation to participate in the production of our EIS for the Project in Docket Nos. CP17-494-000 and CP17-495-000 as a cooperating agency (as defined in the regulations for implementing National Environmental Policy Act (NEPA) at 40 CFR Part 1501.6). SHPO did not respond to this invitation.
January 18, 2018	SHPO letters to FERC	Two letters commenting on the two cultural resources reports (Bowden et al. 2017 and Derr et al. 2017) included with the companies' September 2017 applications to the FERC.
September 24, 2018	SHPO letter to FERC	Comments on historic architectural sites discussed in Bowden et al. (2017).

Applicant Communications

TABLE L-2		
Jordan Cove's Communications with the SHPO Since September 2015		
Date	Correspondents	Purpose/Description
December 22, 2016	Jordan Cove to SHPO (via email)	Statement of intention to file a new application with FERC, to replace the previous project that was denied by the Commission in Docket No. CP13-483-000.
January 17, 2017	Meeting between Jordan Cove and SHPO	Discussed new project.
April 17, 2017	Jordan Cove to SHPO	Submission of new permit application for additional archaeological surveys at the terminal location.
April 27, 2017	Jordan Cove to SHPO	Requested review of research design.
May 19, 2017	Jordan Cove to SHPO (via email)	Submission of context for work proposed at the AI Pierce Company (APCO) site.
September 3, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for September 2017.
October 2, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for October 2017.
October 11, 2017	Historical Research Associates (HRA; on behalf of Jordan Cove) to SHPO	Provided copy of revised research design for site HRA-1227-806.
October 13, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for November 2017.
October 23, 2017	HRA to SHPO (via email)	Geoarchaeological testing
October 27, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for November 2017.
November 9, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for November 2017.
November 16, 2017	Jordan Cove to SHPO (via email)	Sampling at Kentuck Slough.
December 1, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for December 2017.
December 14, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for January 2018.
December 20, 2017	Jordan Cove to SHPO (via email)	Project Activity Update for February 2018.
December 22, 2017	Jordan Cove to SHPO (via email)	Future investigations at the former mill site at the South Dunes portion of the terminal.
January 24, 2018	Meeting between Jordan Cove, Pacific Connector, and SHPO	General update of cultural survey activities and discussion.
June 4, 2018	Jordan Cove to SHPO (via email)	Email to SHPO with an update regarding potential find during shovel probe at South Dunes and next steps. Two further emails on June 4 and 5, 2018 confirmed ongoing next steps.
September 27, 2018	SHPO letter to HRA	Comment on Coos Bay North Jetty Railroad

TABLE L-3

Pacific Connector's Communications with the SHPO Since September 2015

Date	Correspondents	Purpose/Description
January 22, 2016	SHPO to Pacific Connector	Review of indirect APE definition.
February 11, 2016	SHPO to Pacific Connector	Review of cultural resources report.
December 22, 2016	Pacific Connector to SHPO	Notification of intent to file new application with FERC.
January 17, 2017	Meeting between Pacific Connector and SHPO	Discussed new project.
April 27, 2017	Pacific Connector to SHPO	Requested SHPO review of new research design for future archaeological surveys.
May 26, 2017	Pacific Connector to SHPO (via email)	Geotechnical testing to support the proposed HDD under Coos Bay.
September 8, 2017	Letter from SHPO to HRA	Conveyed archaeological permit (No. 2406)
January 24, 2018	Meeting between Jordan Cove, Pacific Connector, and SHPO	General update of cultural survey activities and discussion.
June 12, 2018	Pacific Connector to SHPO (Letter)	Request for concurrence on methodology for geotechnical boring at site 35KL3046 along the Pacific Connector pipeline.
June 18, 2018	SHPO letter to Pacific Connector	Response to request for concurrence on methodology for geotechnical testing at site 35KL3046
January 10, 2019	Letter from Pacific Connector to SHPO	Conveying two testing reports and 19 Treatment Plans

Communications with Indian Tribes

FERC Consultations

TABLE L-4			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Content/Responses/Comments
Burns Paiute Tribe			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC letter to Tribe	April 4, 2018	20180404-3065	Letter requested comments about the Project and information about sites important to the Tribe.
Confederated Tribes of the Lower Umpqua, Coos, and Siuslaw Indians (CTCLUSI)			
Letter from CTCLUSI to FERC	November 6, 2016	20161108-5015 (Docket No. CP13-483)	CTCLUSI requested termination of 2011 MOA for Docket Nos. CP07-441 and -444.
Email from FERC staff to CTCLUSI	December 12, 2016	N/A	Advanced 30-day notice that FERC intends to terminate the 2011 MOA for Docket Nos. CP07-441 and 444.
Email from representative of the CTCLUSI to FERC staff	January 9, 2017	N/A	CTCLUSI support termination of the 2011 MOA.
FERC staff met with CTCLUSI representatives	March 22, 2017	20170331-4009	Introduced the Project and discussed role of the CTCLUSI in the environmental review process
Email from CTCLUSI representative to FERC staff	March 23, 2017	N/A	CTCLUSI requested cooperating status. CTCLUSI prefer that FERC produce a new EIS for the new Project, and not issue a supplemental EIS. CTCLUSI should be invited to sign a new MOA produced in the future for the new Project.
Email from FERC staff to CTCLUSI	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
Telephone Conference between FERC staff and CTCLUSI representatives	May 31, 2017	20170717-4005	Discussion about the Project
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project. CTCLUSI responded to the NOI on July 10, 2017 (see below).
FERC staff met with CTCLUSI representatives	June 28, 2017	20170717-4020	CTCLUSI described Traditional Cultural Properties (TCP) at geographic Jordan Cove, concerns about impacts on ancestral sites and about geotechnical testing at terminal.
CTCLUSI leaders met with FERC Chair in Washington DC	UNKNOWN	TBD	UNKNOWN
Letter from CTCLUSI to FERC	July 10, 2017	20170711-5074	Scoping comments, on tribal history, hunting-fishing-gathering rights, property rights and Indian Trust Assets, cooperating agency status, consideration of alternatives, health concerns, and cultural resources.

TABLE L-4 (continued)			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Responses/Comments
Letter from CTCLUSI to FERC	October 2, 2017	20171003-5067	Comments touching on a wide variety of topics, including the FERC NEPA process, traffic impacts, socioeconomics, air quality, safety/security concerns, monitoring/accountability of FERC and applicant, public health concerns, cultural resources (specifically the Unanticipated Discovery Plan [UDP] and MOA), tribal history, and tribal consultations.
Motion to FERC	October 25, 2017	20171025-5223	CTCLUSI filed a motion to intervene in the proceedings.
Letter from CTCLUSI Tribal Historic Preservation Officer (THPO) to FERC staff	January 22, 2018	2018122-5124	Comments regarding Jordan Cove's proposed ground-disturbing work to delineate hydrocarbon contamination at the South Dunes area of the LNG terminal.
Letter from CTCLUSI to FERC staff	January 29, 2018	20180129-5420	Comments on FERC's January 3, 2018 Environmental Information Request (EIR) to Jordan Cove.
FERC letter to CTCLUSI	April 4, 2018	20180404-3068	Letter requested comments about the Project and information about sites important to the CTCLUSI.
Letter from CTCLUSI to FERC	May 31, 2018	20180601-5023	Response to FERC's April 4 letter. CTCLUSI would like to meet with FERC staff. CTCLUSI reiterated previous issues, including TCP at Jordan Cove, progress on the Cultural Resources Protection Agreement (CRPA), and potential impacts on tribal members, property, and local economy.
Email from FERC staff to CTCLUSI	June 1, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.
Email from representative of the CTCLUSI staff to FERC staff	June 5, 2018	N/A	Response to FERC confirming July 17, 2018 meeting date.
Email from FERC staff to CTCLUSI	June 5, 2018	N/A	Confirmation of July 27, 2018 in-person meeting.
In-person meeting in North Bend between FERC staff and CTCLUSI representatives	July 17, 2017	TBD	Public meeting to review and provide updates on the project and the NEPA process. Additional non-public time allotted at end of meeting for CTCLUSI to share tribal concerns and requests.
Letter from CTCLUSI to FERC	October 26, 2018	20181029-5008	A CRPA had been executed between the CTCLUSI and Jordan Cove and Pacific Connector.
Coquille Tribe			
Email from FERC staff to Tribe	December 12, 2016	N/A	Advanced 30-day notice that FERC intends to terminate the 2011 MOA for Docket Nos. CP07-441 and -444.
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
Letter from Tribe to FERC	November 8, 2017	20171114-0040	Tribe requested to be a cooperating agency in the preparation of the EIS.
FERC letter to Tribe	April 4, 2018	20180404-3075	Letter requested comments about the Project and information about sites important to the Tribe, and accepted Tribe as a cooperator.
Email from FERC staff to Tribes	June 1, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.

TABLE L-4 (continued)			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Responses/Comments
Email from representative of Tribe staff to FERC staff	June 1, 2018	N/A	Confirmation of July 16, 2018 in-person meeting.
Email from representative of Tribe staff to FERC staff	June 4, 2018	N/A	Proposed agenda for July 16, 2018 in-person meeting.
In-person meeting in Coos Bay between FERC staff and Tribal representatives	July 16, 2018	N/A	Cooperating agency meeting to coordinate EIS preparation and responsibilities/role of cooperating agency, issues/concerns of tribe.
Email from Cassandra Rippee, THPO, to FERC staff	January 29, 2019	N/A	Comments on appendix S of Administrative Draft EIS (ADEIS)
Email from Cassandra Rippee, THPO, to FERC staff	January 30, 2019	N/A	Comments on section 4.11 of ADEIS
Cow Creek Band			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
Telephone Conference between FERC staff and Tribal representatives	May 31, 2017	20170717-4005	Introduction to the Project and opening of communications between FERC staff and Tribal representatives.
Email from Tribe to FERC staff	May 31, 2017	N/A	Tribe requested copies of all cultural resources investigation reports and other environmental documents.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC staff met with Tribal representatives	June 28, 2017	20170718-4000	Discussed tribal participation and concerns.
Letter from Tribe to FERC	October 20, 2017	20171024-5094	Tribe asserted that the Pacific Connector pipeline would have impacts on tribal land use, cultural sites, and environmental resources, and requested further consultations with FERC.
Motion to FERC	October 23, 2017	20171023-5508	Tribe filed a motion to intervene in the proceedings.
FERC letter to Tribe	April 4, 2018	20180404-3067	Letter requested comments about the Project and information about sites important to the Tribe.
Email from FERC staff to Tribes	June 1, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.
Fort Bidwell Paiute Tribe			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC letter to Tribe	April 4, 2018	20180404-3069	Letter requested comments about the Project and information about sites important to the Tribe.
Grand Ronde Tribes			
Email from FERC staff to Tribes	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project. Tribes responded to NOI on June 30, 2017 (see below)
Letter from Tribes to FERC	June 30, 2017	20170711-0010	Scoping comment letter in which Tribes assert that the Project may have impacts on cultural resources important to the Grand Ronde Community. FERC should consult with the Tribes.

TABLE L-4 (continued)			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Responses/Comments
Telephone Conference between FERC staff and Tribal representatives	October 24, 2017	TBD	Introduction to the Project and opening of communications between FERC staff and Tribal representatives.
Motion to FERC	November 15, 2017	20171115-5009	Tribes filed a motion to intervene in the proceedings.
Letter from the Tribes to FERC	January 16, 2018	20180122-5117; 20180129-0026	Tribes comments on Pacific Connector's Resource Report 4 appended to its application with the FERC. Concerns include cultural resources (including survey/site recording methodology), the UDP, and the FERC NEPA process.
FERC letter to Tribes	April 4, 2018	20180404-3070	Letter requested comments about the Project and information about sites important to the Tribes.
Letter from Tribes to FERC	May 4, 2018	20180507-5098	The Tribes maintain a deep connection to resources and sacred places in their ancestral homelands, including Usual and Accustomed areas ceded by treaties. Tribes request a study of sacred places, gathering locations, burials, and places of cultural significance. Provides lists of cultural and natural resources concerns. Tribe is member of Affiliated Tribes of Northwest Indians (ATNI), which has in recent years passed 2 resolutions in general opposition to LNG projects.
Email from FERC staff to Tribes	June 1, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.
Telephone Conference between FERC staff and Tribal representatives	July 20, 2018	TBD	Conference call to review and provide updates on the project and NEPA project, review tribal concerns.
Letter from Tribes to FERC	September 19, 2018	20181016-3002	Tribes provided comments on cultural resources work prepared for the Project as of September 2018. Given the EIS schedule outlined by FERC staff, the Tribes have concerns regarding the status of due diligence and investigation into all cultural resources at risk by the proposed Project. The Tribes expressed concern regarding the proposed Tribal Working Group.
Letter from Tribes to FERC	October 5, 2018	20181109-3039	Tribes requested a government-to-government meeting with FERC staff.
Hoopa Valley Tribe			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC letter to Tribe	April 4, 2018	20180404-3071	Letter requested comments about the Project and information about sites important to the Tribe.
Karuk Tribe			
Email from FERC staff to Tribe	May 9, 2017	NA	Invitation to participate in telephone conference about the Project.
Email from Tribe to FERC staff	May 16, 2017	NA	Request for a meeting between FERC staff and Tribal representatives.
Telephone Conference between FERC staff and Tribal representatives	May 31, 2017	20170717-4005	Introduction to the Project and opening of communications between FERC staff and Tribal representatives.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project. Tribe responded to NOI on July 5, 2017 (see below).

TABLE L-4 (continued)			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Responses/Comments
Letter from Tribe to FERC	July 5, 2017	20170719-0060	Scoping comment letter wherein Tribe requested that FERC deny application. Tribe expressed concerns about salmon fishery in Klamath River.
Motion to FERC	October 25, 2017	20171026-5145	Tribe filed a motion to intervene in the proceedings.
FERC letter to Tribe	April 4, 2018	20180404-3074	Letter requested comments about the Project and information about sites important to the Tribe.
Letter from Tribe to FERC	May 3, 2018	20180503-5135	Tribe requested government-to-government consultations with FERC. Tribe claims Pacific Connector pipeline crossing of Klamath River threatens salmon-rearing and lifeways of Karuk people. Statement of view of cultural resources within a landscape of species and within a defined Klamath Riverscape.
Email from FERC staff to Tribes	June 14, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.
In-person meeting in Happy Camp, CA between FERC staff and Tribal representatives	July 18, 2018	TBD	Public meeting to review and provide updates on the project and the NEPA process. Additional non-public time allotted at end of meeting for Karuk Tribe to share tribal concerns and requests.
Klamath Tribes			
Email from counsel for Tribes to FERC staff	March 9, 2017	N/A	Requested the docket numbers for the proceedings, and documentation if the companies had reached any agreements with the Tribes
Email from FERC staff to Tribes	May 9, 2017	NA	Invitation to participate in telephone conference about the Project.
Telephone Conference between FERC staff and tribal representatives	May 31, 2017	20170717-4005	Introduction to the Project and opening of communications between FERC staff and Tribal representatives
Tribes comments to FERC	June 7, 2017	20170608-0009	Scoping comment letter noting Tribal Council voted to oppose the Project. Tribes concerned that the pipeline route may cross cultural resources important to the Tribes, including former village sites and graves. The pipeline may also impact fisheries important to the Tribes, associated with crossings of the Rogue River.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project. Tribes responded to NOI on June 26, 2017 (see below)
Letter from Tribes to FERC staff	June 26, 2017	20171221-0006	Scoping comment letter in which the Tribes respond to NOI requested additional time for comments. Tribes requested a meeting with FERC staff. Tribes indicated that Pacific Connector should plan to protect artifacts uncovered during construction. Tribe also asserts that Pacific Connector needs to protect fisheries in the Rogue and Klamath Rivers.
FERC staff met with Tribal representatives	June 29, 2017	20170717-4017	The Tribes oppose the Project but will continue to participate in the environment review. The Tribes are concerned about potential project-related impacts on aboriginal burials, and river crossings may impact fisheries important to the Tribes.
Tribal leaders spoke at the FERC public scoping session.	June 29, 2017	N/A	Presentations were made by Don Gentry, Chairman of the Klamath Tribes, and Perry Chocktoot, Director of the Culture and Heritage Department of the Klamath Tribes.

TABLE L-4 (continued)			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Responses/Comments
Letter from Tribes to FERC	September 1, 2017	20070901-5135	Comment letter in which tribes raised concerns about potential project impacts on cultural resources of importance to Tribes, including undiscovered sites and graves, and pipeline crossings of the Klamath and Rogue Rivers may impact aquatic resources important to Tribes.
FERC staff met with Tribal representatives and applicant	September 20, 2017	TBD	Review of comments and other concerns from Tribes. Discussion of FERC facilitating an initial meeting between the Tribes and the applicant.
Motion to FERC	October 20, 2017	20171023-5044; 20171030-0026	Tribes filed a motion to intervene in the proceedings.
FERC letter to Tribes	April 4, 2018	20180404-3081	Letter requested comments about the Project and information about sites important to the Tribes.
Letter from Tribes to FERC	May 2, 2018	20180510-5157	Tribes oppose the Project. Tribes are concerned about cultural resources, including villages and graves, potentially affected by the Project. Also concerned about earthquakes and landslides, impacts on fisheries important to the Tribes including the crossings of the Rogue and Klamath Rivers, and environmental justice.
Email from FERC staff to Tribes	June 1, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.
Email from representative of Tribe staff to FERC staff	June 1, 2018	N/A	Confirmation of availability for in-person meeting the week of July 16, 2018. (Note, meeting was later cancelled by Tribes due to scheduling conflicts.)
Modoc Tribe of Oklahoma			
FERC letter to Tribe	April 4, 2018	20180404-3076	Letter requested comments about the Project and information about sites important to the Tribe.
Pit River Tribe			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC letter to tribe	April 4, 2018	20180404-3082	Letter requested comments about the Project and information about sites important to the Tribe.
Siletz Tribes			
Email from FERC staff to Tribes	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC letter to Tribes	April 4, 2018	20180404-3079	Letter requested comments about the Project and information about sites important to the Tribes.
Tolowa Dee-ni' Nation			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project.
FERC letter to Tribe	April 4, 2018	20180404-3083	Letter requested comments about the Project and information about sites important to the Tribe.
Email from FERC staff to Tribe	June 14, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.

TABLE L-4 (continued)			
Consultations Between the FERC Staff and Representatives of Indian Tribes Regarding Docket Nos. CP17-494-00 and CP17-495-000			
Action	Date	Accession No.	Responses/Comments
Letter (via email to FERC staff) from Tribal Chair to FERC	December 6, 2018	20181214-4001	Letter describing "strong opposition [to] and concern" regarding the project. The tribe cannot support the project based on the proximity of the pipeline to the headwaters of the Rogue River.
Yurok Tribe			
Email from FERC staff to Tribe	May 9, 2017	N/A	Invitation to participate in telephone conference about the Project.
FERC NOI	June 9, 2017	20170609-3031	NOI requested comments about the Project. Tribe responded to NOI on July 6, 2017 (see below)
Letter from Tribe to FERC	July 6, 2017	20170714-0104	Tribe opposes Project. Tribe concerned about the crossing of the Klamath River and potential impacts on fisheries. Tribe listed Klamath Riverscape on its register.
Motion to FERC	October 26, 2017	20171026-5286	Tribe filed a motion to intervene in the proceedings.
FERC letter to Tribe	April 4, 2018	20180404-3080	Letter requested comments about the Project and information about sites important to the Tribe.
Letter from Tribe to FERC	May 4, 2018	TBD	Request for formal government-to-government consultation in-person. Klamath River Basin and West Coast Fishery are important to Tribe.
Email from FERC staff to Tribe	June 14, 2018	N/A	Invitation to set up in-person meeting the week of July 16, 2018 to discuss tribal concerns, potential project impacts, and other project issues.
In-person meeting in Klamath, CA between FERC staff and Tribal representatives	July 18, 2018	TBD	Public meeting to review and provide updates on the project and the NEPA process. Additional non-public time allotted at end of meeting for Yurok Tribe to share tribal concerns and requests.

TABLE L-5				
Communications Between Native American Individuals and Organizations and the FERC Regarding Docket Nos. CP17-494-00 and CP17-495-000 <u>a/</u>				
Name	Tribal Affiliation	Date	Accession No.	Comment
Arla Ramsey, Vice Chairperson	Blue Lake Rancheria	6/29/2017	20170713-0006	Requested that the EIS not rely on old data, consider alternatives, spell-out specific mitigation measures, weigh impacts on indigenous peoples and cultural resources, consider impacts on private property, address impacts on water quality and fisheries, consider impacts resulting from temporary workers camps, address climate change, assess risks to public safety, and review mitigation for earthquakes and tsunamis.
Linda Roberts	Yurok/Karuk Nations	7/8/2017	20170714-0127	Presented topics that should be covered in the EIS, including water resources, fish and wildlife, vegetation, cultural resources, and socioeconomics.
Mirinda L. Hart	Round Valley Tribe, Modoc	10/12/2017	20171013-5008	Filed motion to intervene and outlined environmental issues of concern, including cultural resources, special status species, fish and wildlife, fisheries, water resources, health and safety, and socioeconomics.
-	Red Earth Descendants	10/17/2017	20171018-5026	Filed motion to intervene and described issues of concern, including air quality, water resources, and socioeconomics.
Debra L. Riddle	Modoc/Yashooskin Paiute	10/19/2017	20171020-5006	Filed motion to intervene and described issues of concern, including cultural resources, vegetation, forestry, and public health.
NormaJean Cummings	Klamath Tribes	10/19/2017	20171020-5019	Filed motion to intervene and described issues of concern, including cultural and water resources.
Patty Hunt	Klamath Tribes	10/19/2017	20171020-5000	Filed motion to intervene and described issues of concern, specifically cultural resources.
Taylor Tupper	Modoc	10/19/2017	20171020-5001	Filed motion to intervene and described issues of concern, specifically cultural resources.
William Hess	Klamath Tribes	10/19/2017	20171020-5005	Filed motion to intervene and described issues of concern, including cultural resources, fisheries, and water resources.
Mark Robbins	Yurok Tribe	10/22/2017	20171023-5075	Filed motion to intervene and described issues of concern, including socioeconomics, water resources, cultural resources, fisheries, water resources, and public health.
Toby Vanlandingham	Yurok Tribe	10/22/2017	20171023-5073	Filed motion to intervene and described issues of concern, including water resources, socioeconomics, cultural resources, public health and safety, and fisheries.
Kaila Farrell-Smith	Klamath Tribes	10/23/2017	20171024-5010	Filed motion to intervene and described issues of concern, including cultural resources, water resources, and air quality.
Danita Herrera	Unspecified Oregon Tribe	10/24/2017	20171024-5027	Filed motion to intervene and described issues of concern, specifically cultural resources.

Communications Between Native American Individuals and Organizations and the FERC Regarding Docket Nos. CP17-494-00 and CP17-495-000 <u>a/</u>				
Name	Tribal Affiliation	Date	Accession No.	Comment
Jacqueline D. Nix	Yurok Tribe	10/24/2017	20171025-5058	Filed motion to intervene and described issues of concern, including water resources, fisheries, public health, and safety.
Jimmie V. Kinder	Undisclosed	10/24/2017	20171025-5043	Filed motion to intervene and described issues of concern, including fisheries, water resources, socioeconomics, and safety.
Keith G. Ray	Yurok Tribe	10/24/2017	20171025-5039	Filed motion to intervene and described issues of concern, specifically cultural resources.
Kyle Down	Yurok Tribe	10/24/2017	20171025-5073	Filed motion to intervene and described issues of concern, including fisheries and cultural resources.
Lori L. Nesbitt	Yurok Tribe	10/24/2017	20171025-5038	Filed motion to intervene and described issues of concern, including safety, water resources, and cultural resources.
Oscar T. Gensaw	Yurok Tribe	10/24/2017	20171025-5049	Filed motion to intervene and described issues of concern, including fisheries, cultural resources, and public health.
Peckwan C. Jake	Yurok Tribe	10/24/2017	20171025-5070	Filed motion to intervene and described issues of concern, including cultural resources, water resources, public health and safety, fisheries, vegetation, and forestry.
Annelia Hillman	Yurok Tribe	10/25/2017	20171026-5013	Filed motion to intervene and described issues of concern, including cultural resources, safety, and water resources.
Kunu Bearchum	Undisclosed	10/25/2017	20171026-5016	Filed motion to intervene and described issues of concern, specifically cultural resources.
Stoney AQ McCoy, Jr.	Yurok Tribe	10/25/2017	20171026-5063	Filed motion to intervene and described issues of concern, including fisheries and cultural resources.
Ashia Grae Wolf Wilson	Klamath Tribes Youth Leadership Council	10/26/2017	20171026-5288	Filed motion to intervene and described issues of concern, including cultural resources, socioeconomics, and safety.
Joshua W. Norris	Yurok Tribe	10/26/2017	20171026-5250	Filed motion to intervene and described issues of concern, including water resources, fisheries, and cultural resources.
Misa Joo	Winnemem Wintu	10/26/2017	20171026-5089	Filed motion to intervene and described issues of concern, including air quality, socioeconomics, and the FERC NEPA process.
Vikki R. Preston	Karuk Tribe, Yurok Tribe	10/26/2017	20171026-5322	Filed motion to intervene and described issues of concern, including safety, water resources, public health, and cultural resources.
Ada Ball	Confederated Tribes of Siletz	10/27/2017	20171027-5010	Filed motion to intervene and described issues of concern, including air quality and the FERC NEPA process.
Samuel F. Sprague	CTCLUSI	12/14/18	20181214-5020	Filed motion to intervene and described issues of concern, including burials, first foods, water quality, air quality, and safety of pipeline.

TABLE L-5 (continued)

**Communications Between Native American Individuals and Organizations and the FERC
Regarding Docket Nos. CP17-494-00 and CP17-495-000 a/**

Name	Tribal Affiliation	Date	Accession No.	Comment
<u>a/</u> This table includes communications to the FERC by individuals identifying themselves as tribal members. It also includes communications by Indian Tribes and Native American organizations with which the FERC is not entering formal consultation under Section 106.				

Applicant Communications⁸***Jordan Cove Energy Project, L.P.***

TABLE L-6		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Burns Paiute Tribe		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail to Burns Paiute Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face-to-face introductory meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of July 30, 2018 Registered mail sent from applicants to Chairman.
Email from Jordan Cove and Pacific Connector to Tribe	August 27, 2018	Email from applicants to Tribal staff to follow up on July 30, 2018 letter to express interest in setting up an introductory meeting.
CTCLUSI		
Letter from Jordan Cove to Tribes	January 5, 2017	Jordan Cove stated intention to file a new application with the FERC and requested a meeting with tribal representatives.
Letter from Jordan Cove to Tribes	February 15, 2017	Jordan Cove informed Tribes that it entered into the FERC's pre-filing process and provided notification of up-coming open houses.
Jordan Cove met with Tribal representatives	February 22, 2017	Discussed geotechnical program.
Letter from Tribes to Jordan Cove (accession #20170315-4004)	March 6, 2017	Tribes reluctantly agree to monitor geotechnical testing at Ingram Yard. Discussed lack of timely notice, and lack of tribal review of testing methodologies.
Jordan Cove met with Tribal representatives	March 8, 2017	Discussed communication protocols and Unanticipated Discovery Plan (UDP).
Letter from Jordan Cove to Tribes	March 13, 2017	Discussed geotechnical and archaeological testing at terminal, UDP, and Tribal Agreement.
Letter from Tribes to Jordan Cove (accession #20170322-5015)	March 21, 2017	Requested Tribal input into Jordan Cove's geotechnical testing program. Discussed Cultural Resources Protection Agreement (CRPA). Summarized Tribal history. The terminal location is considered to be a TCP.
Email from HRA	March 27, 2017	Requested Tribal review of research design for geotechnical work at terminal for SHPO permit.
Letter from Jordan Cove to Tribes	April 27, 2017	Jordan Cove requested Tribal review of research design.
Email from Jordan Cove to Tribes	May 10, 2017	Notification that company may be conducting geotechnical and environmental testing at the APCO site.
Email from Jordan Cove to Tribes	May 19, 2017	Provided schedule for testing at APCO site.

⁸ Applicant communications with tribes based on information provided in Resource Report 4 of application and responses to environmental information requests of January 3, April 20, May 4, and October 23, 2018.

Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Letter from Tribes to Jordan Cove (accession #20170530-5037)	May 26, 2017	Tribes reiterated that the terminal area is considered to be a TCP. Tribes wish to enter into a CRPA with Jordan Cove. Tribes expressed concerns regarding geoarchaeological research design for the terminal and survey methodology for the pipeline.
Telephone conference between Jordan Cove and tribal representatives	May 19, 2017	Discussed geotechnical testing and cultural resources surveys.
Jordan Cove meeting with tribal representatives	June 9, 2017	Discussed geotechnical testing, marine borings, and cultural resources surveys.
Meeting at APCO site	June 11, 2017	Representatives of Tribes conducted a blessing ceremony at the APCO site.
Jordan Cove met with Tribal representatives	July 26-27, 2017	Discussed surveys and CRPA.
Email from Jordan Cove to Tribes	August 4, 2017	Project Activity Update for month of August 2017.
Email from HRA to Tribes	August 14, 2017	Requested information from the Tribes regarding the TCP at the Jordan Cove terminal.
Email from HRA to Tribes	August 16, 2017	Requested information from tribal database on cultural resources.
Jordan Cove met with Tribal representatives	August 23, 2017	Meeting at Kentuck Slough to discuss mitigation.
Jordan Cove met with Tribal representatives	August 23, 2017	Meeting at Kentuck Slough to discuss mitigation.
Weekly telephone conference calls between Jordan Cove and Tribal representatives	August-September 2017	Discussed notifications of up-coming activities, communication protocols, Tribal monitoring, and the CRPA.
Telephone conference between Jordan Cove and Tribal representatives	September 1, 2017	Discussed upcoming in-water geotechnical borings in Coos Bay.
Email from Jordan Cove to Tribes	September 11, 2017	Discussed boring locations.
Email from HRA to Tribes	September 20, 2017	Conveyed maps of geoarchaeological boring locations.
Letter from Jordan Cove to Tribes	September 25, 2017	Conveyed copies of application to FERC.
Email from Jordan Cove to Tribes	September 27, 2017	Discussed schedule for geotechnical work at Kentuck Slough.
Email from Jordan Cove to Tribes	September 29, 2017	Updated schedule for work at Kentuck Slough.
Email from HRA to Tribes	October 1, 2017	Conveyed Kentuck Slough U.S. Army Corps of Engineers (COE) permit, and copies of UDPs for Kentuck Slough and Ingram Yard.
Email from HRA to Tribes	October 2, 2017	Discussed geoarchaeological coring at the LNG terminal.
Email from Jordan Cove to Tribes	October 2, 2017	Project Activity Update for October 2017.
Jordan Cove met with Tribal representatives	October 3, 2017	Discussed CRPA, UDP, geoarchaeological investigations, and Tribal monitoring.
Tribal Monitoring	October 4 – November 3, 2017	CTCLUSI participated in monitoring of in-water geotechnical borings.
Email from Jordan Cove to Tribes	October 5, 2017	Discussed boring activity monitoring logistics.
Jordan Cove sent materials to Tribes	October 5, 2017	Jordan Cove provided copy of its application to the FERC, resource reports, and cultural resources survey reports.
Tribal Monitoring	October 5 – 24, 2017	CTCLUSI participated in tribal monitoring of geotechnical borings at the Kentuck site.

Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Tribal Monitoring	October 9, 2017 – January 23, 2018	CTCLUSI participated in tribal monitoring of geoarchaeological surveys on the LNG terminal site; Extensive communications between HRA and Tribes on logistical planning for tribal monitoring.
Email from HRA to Tribes	October 11, 2017	Conveyed revised research design for site HRA-1227-806.
Email from HRA to Tribes	October 19, 2017	Discussed schedule for geotechnical drilling at Kentuck Slough.
Email from HRA to Tribes	October 23, 2017	Discussed geoarchaeological testing technology.
Email from Jordan Cove to Tribes	October 31, 2017	Notification of geotechnical testing at Pacific Power and Light Substation at South Dunes and request for Tribal monitors.
Phone and Email Communications between Tribal and applicant Counsels	October – December 2017	Discussions regarding CRPA held on a weekly basis.
Jordan Cove sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Email from HRA to Tribes	November 1, 2017	Discussed geoprobe field work schedule.
Email from Jordan Cove to Tribes	November 3, 2017	Discussed bores at Kentuck Slough.
Email from Jordan Cove to Tribes	November 6, 2017	Notification of testing at North Point (APCO site) and request for Tribal monitors.
Email from HRA to Tribes	November 9, 2017	Provided a schedule for coring during November and December 2017.
Email from Jordan Cove to Tribes	November 16, 2017	Provided updated schedule for sampling at Kentuck Slough.
Email from HRA to Tribes	November 17, 2017	Information about coring at Ingram Yard.
Email from HRA to Tribes	November 30, 2017	Notification of borings at Pacific Power location at terminal.
Email from Jordan Cove to Tribes	December 1, 2017	Notification of rescheduling of geotechnical testing at relocation of electric substation at South Dunes.
Email from HRA to Tribes	December 2, 2017	Information about core drilling at Ingram Yard.
Email from HRA to Tribes	December 4, 2017	Schedule for coring in December 2017 and January 2018.
Jordan Cove notification to the Tribes	December 14, 2017	Company notified Tribes about testing for contaminated soils at the South Dunes area, and request for Tribal monitors.
Email from Jordan Cove to Tribes	December 14, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 20, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 22, 2017	Request for a meeting with Tribes in January 2018 to discuss testing at the South Dunes former mill location.
Jordan Cove sent materials to Tribes	December 22, 2017	Jordan Cove provided response to Tribes and agencies on the scope of Data Gap Investigation (hydrocarbon delineation) and suggested a meeting to discuss the work plan.
Email from HRA to Tribes	January 10, 2018	Notification that the field portion of coring was completed.
Site meeting between Jordan Cove and Tribal representatives	January 17, 2018	Discussed work plan and timing of testing at South Dune area, potential exclusion areas, and Tribal monitoring of the activities.
Jordan Cove met with Tribal representatives	January 23, 2018	Discussed CRPA, UDP, geoarchaeological investigations, and tribal monitoring.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from Jordan Cove to Tribes	January 23, 2018	Jordan Cove emailed Tribal staff attaching the document Jordan Cove discussed at their most recent meeting.
Email from Jordan Cove to Tribes	January 24, 2018	Jordan Cove emailed Tribal staff attaching the ODEQ-approved workplan for the Data Gap Investigation. Jordan Cove noted an on-site health and safety meeting is scheduled for January 29, 2018 at 1:00 p.m., and that the investigation will begin following the meeting.
Email from Jordan Cove to Tribes	January 25, 2018	Jordan Cove emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
Email from Jordan Cove to Tribes	January 30, 2018	Jordan Cove emailed Tribal staff asking for a copy of letter to FERC filed as privileged.
Email from Jordan Cove and Pacific Connector to Tribes	January 30, 2018	Applicants emailed Tribal staff with responses to the January 3, 2018 data request, attaching the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by applicants.
Emails between Jordan Cove and Tribes	January 30, 2018 to January 31, 2018	Emails between Jordan Cove and Tribal staff about the information Tribal staff had filed with FERC to support cultural resources work at the terminal site.
Emails between Jordan Cove and Tribes	January 31, 2018 to February 6, 2018	Jordan Cove emailed Tribal staff and attached the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018.
E-mail from HRA to Tribes	February 6, 2018	HRA emailed Tribal staff attaching a draft research design for archaeological testing including recovery of geotechnical bore CBE-5 on LTM Property/North Point in North Bend.
Email from Jordan Cove to Tribes	February 8, 2018	Jordan Cove emailed Tribal staff and HRA/Archaeological Consultant advising that Jordan Cove is forwarding an email from GRI regarding the schedule for sampling in the Jordan Point area south of the former mill site and anticipated project completion.
Email from Jordan Cove to Tribes	February 9, 2018	Jordan Cove emailed Tribal staff following up on whether Tribal staff could provide an update on whether the Tribe would provide access to the information filed with FERC.
E-mail from Tribes to Jordan Cove	February 9, 2018	Tribal staff emailed Jordan Cove advising that they had a chance to discuss Jordan Cove's request internally. If the request is for archaeology/ethnohistory related to the Tribe's TCP application, Tribal staff will first need to agree upon terms and conditions of disclosure of confidential information.
Email from Jordan Cove to Tribes	February 9, 2018	Jordan Cove emailed Tribal staff regarding privileged and confidential comments submitted to FERC.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from Tribes (representative) to Jordan Cove and Pacific Connector	February 9, 2018	Jessica Flett (Wheat Law Office, Legal Counsel) emailed Tribal staff, SHPO, FERC attaching letter from the CTCLUSI to John Peconom of FERC regarding the January 3, 2018 AIR. Email noted that this letter has been filed with the FERC in docket numbers CP17-495-000 and CP-494-000.
Emails between Jordan Cove and Tribes	February 12, 2018 to February 16, 2018	Emails to schedule a meeting with Council members and senior leadership. Jordan Cove asked Tribal staff to confirm the meeting date and time. Tribal staff advised they would get back to Jordan Cove.
Email from Jordan Cove to Tribes	February 16, 2018	Jordan Cove emailed Tribal staff about the Tribe's FERC submission, and inquired about confirming a meeting date.
Emails between Jordan Cove and Tribes	February 20, 2018 to February 21, 2018	Jordan Cove sent emails to Tribal staff about meeting, and left voicemails to follow up. Tribal staff responds, noting they will call later in day.
Meeting between Jordan Cove, Pacific Connector, and Tribes	February 22, 2018	Applicants met with Tribal staff at their Tribal office in Coos Bay, Oregon to introduce new team members to Tribal staff and capture any feedback and material from Tribal staff.
Email from Jordan Cove and Pacific Connector to Tribes	February 26, 2018	Applicants emailed Tribal staff regarding potential meetings.
Email from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Applicants emailed Tribal staff, attaching the March 2018 Project Activity Update, and confirming that notices would be provided 30 days prior to the start of work. Tribal staff were encouraged to reach out directly with any questions.
Emails between Jordan Cove, Pacific Connector, and Tribes	March 5, 2018 to March 20, 2018.	Emails between applicants and Tribal staff to confirm a meeting date. No meeting date was confirmed, and applicants' staff advised they would inform Tribal staff when they would be back in Coos Bay.
Meeting between Jordan Cove, Consultants, and Tribes	March 20, 2018	Meeting of applicants, Loren Davis (Archaeologist), HRA/Archaeological Consultant, and Tribal staff to listen to Dr. Davis and applicants' presentation on Archaeological survey results on Phase 1 and next steps for Phase 2. Applicants discussed Geotechnical timelines and next steps for construction.
Email from Jordan Cove and Pacific Connector to Tribes	April 1, 2018	Email to Tribal staff, attaching the April 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work. Tribal staff were encouraged to reach out directly to the applicants with any questions.
Emails between Jordan Cove, Pacific Connector, and Tribes	April 2, 2018 to April 10, 2018	Emails with Tribal staff regarding CRPA and Policy 18 Agreement. Phone call to discuss April 10, 2018.
Emails between Jordan Cove, Pacific Connector, and Tribes	April 10, 2018	Applicants emailed Tribal staff providing a first draft of agenda for the meeting on April 12, 2018. Tribal staff provided minor changes, and meeting logistics were discussed.
Meeting between Jordan Cove, Pacific Connector, and Tribes	April 12, 2018	Meeting with applicants and Tribal staff to discuss strengthening the relationship moving forward, CTCLUSI priorities, interests and concerns.
Email from Tribes to Jordan Cove and Pacific Connector	April 15, 2018	Tribal staff emailed applicants advising that Tribal Chairman Ingersoll requested that applicants follow up and try to arrange a telephone call soon.
Email from Jordan Cove and Pacific Connector to Tribes	April 15, 2018	Applicants emailed Tribal staff suggesting telephone call on April 17, 2018.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Emails between Jordan Cove, Pacific Connector, and Tribes	April 17, 2018 to April 18, 2018	Various emails to schedule a meeting for May 1, 2018 in Coos Bay.
Emails between Jordan Cove, Pacific Connector, and Tribes	April 20, 2018 to April 26, 2018	Tribal staff emailed applicants and copied others on May 1, 2018 meeting in Coos Bay and meeting in Calgary for May 8 and 9, 2018. Applicants suggested a full day on May 7, 2018 and an evening dinner. Tribal staff confirmed these dates.
Email from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Email to Tribal staff, attaching the June 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work. Tribal staff were encouraged to reach out directly with any questions.
Meeting between Jordan Cove, Pacific Connector, and Tribes	May 1, 2018	Applicants met Tribal staff to discuss numerous issues of shared interest.
Emails between Jordan Cove, Pacific Connector, and Tribes	May 5, 2018 to May 7, 2018	Emails between applicants and Tribal staff to follow up on May 1, 2018 meeting and continue conversations about relationship.
Meeting between Jordan Cove, Pacific Connector, and Tribes	May 7, 2018	Meeting with Tribal leadership and applicants in Calgary.
Email from Jordan Cove and Pacific Connector to Tribes	May 10, 2018	Applicants emailed Tribal leadership thanking them for making the trip to Calgary.
Emails between Jordan Cove, Pacific Connector, and Tribes	May 10, 2018 to May 11, 2018	Emails between applicants and Tribal staff to discuss CRPA.
Phone call from HRA to Tribes	May 14, 2018	HRA telephoned Tribal staff; Tribal staff advised HRA that the Tribe can only supply one monitor rather than the two planned for the week's fieldwork. Tribal staff were aware and advised HRA that there would only be one Tribal monitor on site for that week and that the individual would be moving back and forth between both rigs to fulfill monitoring duties.
Phone call between Jordan Cove, Pacific Connector, and Tribes	May 15, 2018	Phone call between applicants and Tribal Chairman.
Emails between Jordan Cove, Pacific Connector, and Tribes	May 17, 2018 to May 20, 2018	Emails between applicants and Tribal staff to discuss CRPA.
Email from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicant's new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
Phone call from Tribes to HRA	May 22, 2018	Tribal staff telephoned HRA advising that there was rumor that asbestos was in one of the cores recovered. HRA advised that HRA team had run into an unknown substance, but that it turned out to be crushed mussel shell.
E-mails and phone calls between Jordan Cove, Pacific Connector, and Tribes	May 23, 2018 to May 29, 2018	Emails and phone calls between applicants and Tribal staff to discuss agreements. Next call set for June 4, 2018.
E-mail from Jordan Cove to Tribes	June 1, 2018	Jordan Cove's Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update. Tribal staff were encouraged to reach out directly with any questions.
Phone call between Jordan Cove, Pacific Connector, and Tribes	June 4, 2018	Phone call between applicants and Tribal staff to discuss CRPA and Policy 18 Agreement.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from Jordan Cove to Tribes	June 4, 2018 to June 6, 2018	Emails to Tribal staff from CTCLUSI to discuss an HRA field crew discovery while conducting a shovel probe at South Dunes near the eastern end of the access corridor, confirming that the UDP had been followed. Emails outlined agreed next steps, as well as protective and security measures.
Emails from Jordan Cove and Pacific Connector to Tribes	June 6, 2018 to June 7, 2018	Emails from applicants to Tribal staff to advise of delays in geotechnical work, and revised mobilization to Coos County sites on June 8, 2018. Applicants asked Tribal staff to let them know if there were any issues with providing a monitor.
Email from Jordan Cove and Pacific Connector to Tribes	June 11, 2018	Applicants emailed Tribal staff and copied HRA advising that private landowner permission letter was secured. The rest of the email details survey plans, aspects of geoarchaeological borings and status of research design being reviewed by SHPO.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 11, 2018	Email from Tribal staff to applicants advising of Tribal Council's support for agreements, and email from Jordan Cove advising that revised drafts of agreements will be forthcoming.
Emails between Jordan Cove and Tribes	June 12, 2018	Emails between Jordan Cove and Tribal staff about the supplemental survey of the eel grass area. Jordan Cove communicated that supplemental survey of eel grass area referred to a cultural kayak survey for weirs during low tide. Applicants confirmed there would be no ground disturbance related to this activity.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 13, 2018	Emails between applicants and Tribal staff about agreements. Teleconference scheduled for June 15, 2018.
Text message from Jordan Cove and Pacific Connector to Tribes	June 21, 2018	Leadership from applicants texted Tribal leadership to set dates for a fishing trip and to catch up on all the ongoing work between applicants and the Tribe.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 22, 2018 to July 2, 2018	Emails between applicants and Tribal staff about agreements and Tribal Council.
Email from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to the applicants with any questions.
Emails between Jordan Cove and Tribes	July 2, 2018 to July 3, 2018	Emails between Jordan Cove and Tribal staff about the Site Plan and Cell 3 closure timing, monitoring and safety training.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 6, 2018 to July 8, 2018	Emails between applicants and Tribal staff about agreements.
Email from Jordan Cove to Tribes	July 9, 2018	Jordan Cove emailed Tribal staff that currently, cell 3 removal is planned to begin in August 2018, with bids due tomorrow, July 10. The final work plan will be based on the contractor selected. Once the contractor has been selected Jordan Cove will arrange a meeting with Tribal staff so that there is accurate information moving forward.
Email from Jordan Cove to Tribes	July 9, 2018	Jordan Cove emailed Tribal staff for CTCLUSI attaching updated schedule of geotechnical activities starting in August 2018 at the Jordan Cove terminal site. Jordan Cove suggested a kick off meeting for this upcoming work would be beneficial.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Emails between Jordan Cove, Pacific Connector, and Tribes	July 11, 2018 to July 12, 2018	Emails between applicants and Tribal staff discussing HRA's planned work on the two SHPO sites referenced in applicant's July 11, 2018 email, and on planned fieldwork on the fish weirs. Tribal staff agreed to work to schedule monitors.
Email from Jordan Cove and Pacific Connector to Tribes	July 12, 2018	Applicants emailed Tribal staff and copied HRA about property map confusion and land parcels.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 16, 2018	Emails between applicants and Tribal staff discussing the details of upcoming work starting July 24.
Email from Jordan Cove and Pacific Connector to Tribes	July 16, 2018	Applicants emailed Tribal staff and copied HRA providing details on workplan for upcoming archaeological work.
Conference call between Jordan Cove and Tribes	July 18, 2018	Jordan Cove, Kiewit, Black & Veatch and JGC Joint Venture staff, HRA, and Tribal staff had a conference call discussing the upcoming geotechnical work at the terminal site.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 20, 2018 to August 1, 2018	Emails between applicants and Tribal staff about agreements.
Email from Jordan Cove to Tribes	July 20, 2018	Jordan Cove emailed Tribal staff and copied HRA and other Tribal staff about meeting spot at North Point and instructions about PPE.
Agreement between CTCLUSI and Jordan Cove and Pacific Connector	July 26, 2018	Executed CRPA.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 27, 2018 to August 15, 2018	Emails between applicants and Tribal staff about geotechnical work, samples, monitor participation and schedule, as well as update emails while work was in progress.
Email from Jordan Cove and Pacific Connector to Tribes	July 30, 2018	Applicants emailed Tribal staff, advising that postponed fishing trip rescheduled to Saturday August 25, 2018.
Email from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to the applicants with any questions.
Phone call from Jordan Cove and Pacific Connector to Tribes	August 9, 2018	Applicants telephoned Tribal staff and left a voicemail message asking Tribal staff to call back.
Email from Jordan Cove and Pacific Connector to Tribes	August 9, 2018	Email from applicants to Tribal staff providing information requested in lieu of a Tribal monitor being present on August 8, 2018,
Emails between Jordan Cove and Tribes	August 10, 2018	Emails between Jordan Cove and Tribal staff about inquiry for an update on the cell 3 removal work, contractor selection and meeting time.
Email from Jordan Cove and Pacific Connector to Tribes	August 13, 2018	Applicants emailed Tribal staff from CTCLUSI regarding processing of samples.
Email from Jordan Cove and Pacific Connector to Tribes	August 14, 2018	Applicants emailed Tribal staff wondering whether Tribal staff had time for a quick call to talk about upcoming work being planning on an office location and what type of general contracting capacity CTCLUSI might have.
Email from Tribes to Jordan Cove and Pacific Connector	August 14, 2018	Tribal staff emailed to discuss CTCLUSI's comments regarding Jordan Cove's application for an exemption from the ODOE EFSC certification process, and a kick-off meeting for applicants and CTCLUSI staff on the CRPA.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from Jordan Cove and Pacific Connector to Tribes	August 15, 2018	Applicants replied to Tribal staff's email about a kick-off meeting and agreed that this was a good idea, confirming a telephone call for August 16, 2018.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 15, 2018	Phone call with CTCLUSI leadership and Blue Earth Services and Technology to discuss economic development opportunities.
Email from Tribes to Jordan Cove and Pacific Connector	August 15, 2018	Tribal staff emailed applicants and copied others thanking for providing a map, expressing concerns that there is not yet adequate archaeological testing; reported burials in South Dunes area; concerns about CRPA document and other issues.
Email from Jordan Cove and Pacific Connector to Tribes	August 16, 2018	Applicants emailed Tribal staff, noting that they would conduct internal notifications and begin addressing Tribal staff's questions and concerns.
Email from Tribes to Jordan Cove and Pacific Connector	August 16, 2018	Tribal staff emailed applicants noting Tribal leadership have a few questions/comments regarding the map.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 16, 2018	Emails between Tribal staff and applicants to set a telephone conference.
Email from Tribes to Jordan Cove	August 16, 2018	Tribal staff emailed Jordan Cove about the upcoming work at Ingram Yard and South Dunes that was scheduled to commence on August 20, 2018, noting that the Tribe still had questions and concerns that needed to be addressed before work begins at the identified locations of concern.
Email from Jordan Cove and Pacific Connector to Tribes	August 17, 2018	Applicants emailed Tribal staff and copied others apologizing for delay getting back to tribe. Applicants are working to ensure that the bores that tribe communicated concerns about are not being performed next week.
Email from Tribes to Jordan Cove	August 17, 2018	Tribal staff emailed Jordan Cove and copied others thanking tribe for updated information on KBJB-427. Tribe still concerned with testing at Ingram Yard, South Dunes. Concerns expressed about testing in Ingram Yard.
Email from Jordan Cove and Pacific Connector to Tribes	August 17, 2018	Applicants emailed Tribal staff and others about bore holes schedule.
Email from Tribes to Jordan Cove and Pacific Connector	August 17, 2018	Tribal staff emailed applicants and copied others thanking them for ensuring work would not commence at KBJB-410, KBJB-414, KBJB-415, KBJB-416, to KBJB-425, KBJB-419, KBJB-405 and KBJB-423 until after their concerns are discussed and addressed.
Email from Jordan Cove and Pacific Connector to Tribes	August 20, 2018	Applicants emailed Tribal staff, noting that they would be sending shapefiles later today or tomorrow, and asking for a call to talk about the kick-off meeting on the CRPA and Council approval of the Policy 18 agreement.
Email from Jordan Cove and Pacific Connector to Tribes	August 20, 2018	Applicants email to Tribal staff outlining that the sampling method for the bores is to collect samples following the applicable ASTM standards and crew must obtain soil samples and make in-situ strength measurements using standard penetration tests (SPTs).
Email from Jordan Cove and Pacific Connector to Tribes	August 20, 2018	Applicants emailed Tribal staff about confirming meeting time and date on August 21, 2018. Attached map of other areas that applicants are not likely to disturb.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from Jordan Cove to Tribes	August 20, 2018	Jordan Cove email to Tribal staff reminding that HRA would be starting work at the ODOT property at North Point the week of August 27, 2018 assuming that the SHPO permit was issued and providing details about this work.
Conference call between Jordan Cove, HRA, and Tribes	August 21, 2018	Jordan Cove, Tribal staff, HRA, and Kiewit, Black & Veatch and JGC Joint Venture staff held a conference call to discuss the upcoming geotechnical work at the Jordan Cove site and to address concerns brought forward by Tribal staff. HRA provided a summary of their Phase Two geoarchaeological work.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 22, 2018	Phone call between applicants and Tribal staff to discuss agreements.
Email from Jordan Cove and Pacific Connector to Tribes	August 23, 2018	Applicants emailed Tribal staff to follow up on agreements.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 23, 2018 to August 24, 2018	Emails between Tribal staff and applicants on lab work for core processing and schedule for monitors.
Emails between Jordan Cove, HRA, and Tribes	August 23, 2018	Jordan Cove emailed Tribal staff and others advising agreement that a more detailed schedule would be ideal. Discussion over Tribal staff's questions about infiltration pits.
E-mail from HRA to Tribes	August 27, 2018	Email from HRA to update on work at ODOT property at North Point.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 27, 2018	Various emails between applicants and Tribal staff discussing Tribal monitors, coordination, infiltration tests design and schedule.
Email from Jordan Cove and Pacific Connector to Tribes	August 27, 2018	Applicants emailed Tribal staff and copied HRA asking HRA to let applicants know if HRA was looking for this map. Applicants is resending it to HRA and Tribal staff.
Email from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff advising that there have been 17 undisturbed samples that will be going to the lab in McMinnville for testing.
Email from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to the applicants with any questions.
Letter from Tribes to Jordan Cove	December 7, 2018	Tribes commented about conduct of ethnographic studies
Coquille Tribe		
Letter from Jordan Cove to Tribe	January 9, 2017	Jordan Cove stated intention to file a new application with the FERC, and requested a meeting with Tribal representatives.
Letter from Jordan Cove to Tribe	February 15, 2017	Jordan Cove informed the Tribe that it entered into FERC's pre-filing process and provided notification of up-coming open houses.
Jordan Cove met with Tribal representatives	February 22, 2017	Discussed geotechnical program.
Jordan Cove met with Tribal Council	February 23, 2017	Jordan Cove and Pacific Connector made a presentation about the Projects.
Jordan Cove met with THPO	March 8, 2017	Discussed cultural resources survey methodologies.
Email from HRA to Tribe	March 27, 2017	Requested tribal review of research design for geotechnical work at terminal for SHPO permit.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Letter from Jordan Cove to Tribe	April 27, 2017	Jordan Cove requested Tribal review of research design.
Email from Jordan Cove to Tribe	May 19, 2017	Provided schedule for testing at APCO site.
Email from Jordan Cove to Tribe	August 4, 2017	Project Activity Update for month of August 2017.
Email from HRA to Tribe	August 16, 2017	Requested information from tribal database on cultural resources.
Email from Jordan Cove to Tribe	September 11, 2017	Discussed boring locations.
Email from HRA to THPO	September 19, 2017	Discussed schedule for geoarchaeological coring and safety meeting.
Email from HRA to Tribe	September 20, 2017	Conveyed maps of geoarchaeological boring locations.
Letter from Jordan Cove to Tribe	September 25, 2017	Conveyed copies of application to FERC.
Email from Jordan Cove to Tribe	September 27, 2017	Discussed schedule for geotechnical work at Kentuck Slough.
Email from Jordan Cove to Tribe	September 29, 2017	Updated schedule for work at Kentuck Slough.
Email from HRA to Tribe	October 1, 2017	Conveyed Kentuck Slough COE permit, and copies of UDPs for Kentuck Slough and Ingram Yard.
Email from HRA to Tribe	October 2, 2017	Discussed geoarchaeological coring at the LNG terminal.
Email from Jordan Cove to Tribe	October 2, 2017	Project Activity Update for October 2017.
Tribal Monitoring	October 4 – November 3, 2017	Tribe participated in monitoring of in-water geotechnical borings.
Jordan Cove sent materials to Tribe	October 5, 2017	Jordan Cove provided copy of its application to the FERC, resource reports, and cultural resources reports.
Email from Jordan Cove to Tribe	October 5, 2017	Discussed boring activity monitoring logistics.
Jordan Cove met with Tribal representatives	October 5, 2017	Discussed cost reimbursement for Tribal monitors, UDP, and geoarchaeological investigations.
Tribal Monitoring	October 5 – 24, 2017	Tribe participated in tribal monitoring of geotechnical borings at the Kentuck site.
Tribal Monitoring	October 9, 2017 – January 23, 2018	Tribe participated in tribal monitoring of geoarchaeological surveys on the LNG terminal site; Extensive communications between HRA and Tribes on logistical planning for tribal monitoring.
Email from HRA to Tribe	October 10, 2017	Discussed expedited archaeological permit conditions.
Email from HRA to Tribe	October 11, 2017	Conveyed revised research design for site HRA-1227-806.
Email from HRA to Tribe	October 19, 2017	Discussed schedule for drilling at Kentuck Slough.
Email from HRA to Tribe	October 23, 2017	Discussed geoarchaeological testing technology.
Email from Jordan Cove to Tribe	October 31, 2017	Notification of testing at Pacific Power and Light Substation at South Dunes and request for Tribal monitors.
Jordan Cove sent materials to Tribe	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Email from HRA to Tribe	November 1, 2017	Discussed geoprobe fieldwork schedule.
Email from Jordan Cove to Tribe	November 3, 2017	Discussed bores at Kentuck Slough.
Email from Jordan Cove to Tribe	November 6, 2017	Discussed borings at Kentuck Slough and North Point.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from HRA to Tribe	November 9, 2017	Provided a schedule for coring during November and December 2017.
Email from Jordan Cove to Tribe	November 16, 2017	Provided updated schedule for sampling at Kentuck Slough.
Email from HRA to Tribe	November 17, 2017	Information about coring at Ingram Yard.
Email from HRA to Tribe	November 30, 2017	Notification of borings at Pacific Power location at terminal.
Email from Jordan Cove to Tribe	December 1, 2017	Notification of rescheduling of geotechnical testing at relocation of electric substation at South Dunes.
Email from HRA to Tribe	December 2, 2017	Information about core drilling at Ingram Yard.
Email from HRA to Tribe	December 4, 2017	Schedule for coring in December 2017 and January 2018.
Email from Jordan Cove to Tribe	December 14, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribe	December 20, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribe	December 22, 2017	Request for a meeting with Tribes in January 2018 to discuss testing at the South Dunes former mill location.
Jordan Cove sent materials to Tribe	December 22, 2017	Jordan Cove provided response to tribes and agencies on the scope of Data Gap Investigation (hydrocarbon delineation) and suggested a meeting to discuss the work plan.
Email from HRA to Tribe	January 10, 2018	Notification that the field portion of coring was completed.
Jordan Cove met with Tribal representatives	January 17, 2018	Meeting at South Dunes former mill site to review work plan for hydrocarbon delineation testing.
Email from Jordan Cove to Tribe	January 21, 2018	Conveyed requested GIS data to the Tribe of the proposed pipeline route and LNG terminal facilities.
Jordan Cove met with Tribal representatives	January 22, 2018	Discussed Project status, site investigations and activities, and programs for business, procurement, and training opportunities with the Project.
Email from Jordan Cove and Pacific Connector to Tribe	January 23, 2018	Applicants emailed Tribal staff attaching the brochure that was discussed in the meeting on January 22 between applicants and Tribal staff and following up on a discussion in the meeting about a group that Tribal staff had mentioned.
Email from Jordan Cove and Pacific Connector to Tribe	January 24, 2018	Applicants emailed Tribal staff attaching the ODEQ approved workplan for the Data Gap Investigation, advising that an on-site health and safety meeting was scheduled for January 29, 2018 at 1:00 p.m. The investigation will begin following the meeting.
Email from Jordan Cove and Pacific Connector to Tribe	January 25, 2018	Applicants emailed Tribal staff advising that applicants provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
Emails between Jordan Cove, Pacific Connector, and Tribe	January 26, 2018	Tribal staff emailed applicants about the group that was brought up in the meeting, advising that they would follow up with more details. Applicants thanked Tribal staff for the email.
E-mail from Tribe to Jordan Cove and Pacific Connector	January 30, 2018	Tribal staff emailed applicants asking whether they could meet on February 7, 2018 to discuss business opportunities and community development.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from HRA to Tribe	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by applicants.
Emails between Jordan Cove, Pacific Connector, and Tribe	January 31, 2018 to February 6, 2018	Applicants emailed Tribal staff and attached the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018. Discussion via email to answer questions about the work and planned testing activities.
Emails between Jordan Cove, Pacific Connector, and Tribe	January 31, 2018 to February 1, 2018	Emails between applicants and Tribal staff to schedule a meeting focused on business development and community development.
E-mail from HRA to Tribe	February 6, 2018	HRA emailed Tribal staff copying applicants, attaching for review a draft research design for archaeological testing including recovery of geotechnical bore CBE-5 on LTM Property/North Point in North Bend.
Email from Jordan Cove to Tribe	February 8, 2018	Jordan Cove emailed Tribal staff forwarding schedule information for sampling in the Jordan Point area south of the former mill site and anticipated project completion and indicating that they anticipate February 13, 2018 would be the last day for the fieldwork.
Email from Jordan Cove and Pacific Connector to Tribe	February 15, 2018	Applicants emailed Tribal staff to follow up on a voicemail left, confirming availability between February 21 and 23, 2018 to meet.
E-mail from Tribe to Jordan Cove and Pacific Connector	March 12, 2018	Coquille Tribal staff asked applicant, copying Tribal staff, to clarify whether the attached email refers to SHPO Case 17-0942, which in SHPO's letter, specifically refers to the South Dunes LNG Facility, and asking whether this SHPO case number applies to the geotech borings location CBE-2a as well.
E-mail from Tribe to Jordan Cove and Pacific Connector	March 13, 2018	Coquille Tribal staff emailed Mary Camarata, Tribal staff and applicant, that per HRA's previous email, this was not the case. Coquille Tribal staff had followed up with SHPO as a precaution and confirmed that this case number does apply to the Project as a whole. Coquille Tribal staff asked Mary to update her records to reflect accurate information.
Meeting between Jordan Cove, Pacific Connector, Consultants, and Tribe	March 20, 2018	Applicants meeting with Tribal staff and HRA to listen to Dr. Davis and Bruce Moore's presentation on Archaeological survey results on Phase 1 and next steps for Phase 2. Bruce Moore discussed geotechnical timelines and next steps for construction.
Email from Jordan Cove to Tribe	April 30, 2018	Jordan Cove emailed Tribal staff, attaching the May 2018 Project Activity Update for Jordan Cove LNG, and confirming that notices would be provided 30 days prior to the start of work. Tribal staff were encouraged to reach out directly with any questions.
Phone Call between Jordan Cove, Pacific Connector, and Tribe	May 14, 2018	Phone call with Coquille staff to discuss monitoring arrangements for the week's planned field work.
Email from Jordan Cove and Pacific Connector to Tribe	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Emails between Jordan Cove, Pacific Connector, and Tribe	May 29, 2018	Emails between applicants and Tribal staff to discuss meeting logistics.
Email from Jordan Cove and Pacific Connector to Tribe	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update. Tribal staff were encouraged to reach out directly with any questions.
Email from Jordan Cove to Tribe	June 4, 2018 to June 6, 2018	Emails to Tribal staff from Coquille Indian Tribe to discuss an HRA field crew discovery while conducting a shovel probe at South Dunes near the eastern end of the access corridor, confirming that the UDP had been followed. Emails outlined and agreed next steps, as well as protective and security measures.
Email from Jordan Cove and Pacific Connector to Tribe	June 4, 2018	Email from applicants to Tribal staff following up regarding discussion during the May 29, 2018 meeting, and Tribal staff's request for site visits to discuss some areas of cultural importance to the Tribe. Applicants inquired about attendees.
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 6, 2018 to June 7, 2018	Email from applicants to Tribal staff to advise of delays in geotechnical work, and revised mobilization to Coos County sites on June 8, 2018. Applicants asked Tribal staff to let them know if there were any issues with providing a monitor.
Email from Jordan Cove and Pacific Connector to Tribe	June 12, 2018	Applicants emailed Tribal staff advising the geotechnical drill crew have completed work for the day.
E-mails between Jordan Cove and Tribe	June 12, 2018	Emails between Jordan Cove and Tribal staff about the supplemental survey of the eel grass area. This work was related to eel grass mitigation sites and would supplement pre-existing work. Jordan Cove confirmed there would be no ground disturbance related to this activity.
Email from Jordan Cove and Pacific Connector to Tribe	June 14, 2018	Applicants emailed Tribal staff attaching the fish salvage plan that was requested in the May 29, 2018 meeting, offering to review it in person next week when applicants staff were in Coos Bay.
Email from Jordan Cove and Pacific Connector to Tribe	June 14, 2018	Applicants emailed the Tribal Chairwoman, thanking them for engagement with the Tribe to date on the proposed Jordan Cove Project to date, formally extending an invitation to Tribal leadership to meet with senior leaders from applicants, at a location and time that was convenient to the Tribe.
E-mail from Tribe to Jordan Cove, Pacific Connector, and HRA	July 4, 2018	Email from Tribal staff to applicants and HRA asking for specific dates of field work for and LNG Terminal as soon as possible so that monitors could be arranged.
Email from Jordan Cove and Pacific Connector to Tribe	July 8, 2018	Applicants emailed Tribal staff following up on their June 14, 2018 email asking whether Tribal leadership has had a chance to discuss applicants' invitation to meet.
Email from Jordan Cove to Tribe	July 9, 2018	Jordan Cove emailed Tribal staff for Coquille Tribe attaching Jordan Cove's updated schedule of geotechnical activities starting in August 2018 at the Jordan Cove terminal site. Jordan Cove suggested a kick off meeting for this upcoming work would be beneficial.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 11, 2018 to July 12, 2018	Emails between applicants and Tribal staff discussing HRA's planned work on the two SHPO sites referenced in applicants' July 11, 2018 email, and on planned fieldwork on the fish weirs. Tribal staff agreed to work to schedule monitors.
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 16, 2018	Emails between applicants and Tribal staff discussing the details of upcoming work starting July 24.
Meeting between Jordan Cove, Pacific Connector, and Tribe	July 22, 2018	Applicants senior leadership met the Chief of the Coquille Tribe at an informal meet and greet, discussing the proposed project during this meeting. Mutual interest was expressed in having further conversation.
E-mail from Tribe to Jordan Cove and Pacific Connector	July 27, 2018	Tribal staff emailed applicants thanking them for their email and asking if this training will be in lieu of the work that was occurring, as Tribal staff would like to have a monitor available for the work and will check the schedule.
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 27, 2018 to August 15, 2018	Emails between applicants and Tribal staff about geotechnical work, samples, monitor participation and schedule, as well as update emails while work was in progress. A detailed update and additional information related to questions that Tribal staff had raised about upcoming geotechnical work, monitor training and safety requirements on site was discussed.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 13, 2018	Emails between applicants and Tribal Chief to arrange a phone conversation.
Phone call between Jordan Cove, Pacific Connector, and Tribe	August 13, 2018	Phone call from applicants to Tribal Chief to confirm a meeting over a fishing trip on August 26, 2018.
E-mail from Tribe to Jordan Cove and Pacific Connector	August 20, 2018	Email from Tribal Chief to applicants advising that they could not make a phone call today as their phone was being repaired.
E-mail from Tribe to Jordan Cove and Pacific Connector	August 21, 2018	Email from Tribal Chief to applicants advising Tribal Council was not available to attend a fishing trip, and that they were precluded from accepting gifts from individuals or organizations with whom the Tribe has no formal relations. Invitation to applicants to meet with council in mid-late September for formal introductions, and a lunch or dinner.
Email from Jordan Cove and Pacific Connector to Tribe	August 21, 2018	Applicants emailed Tribal Chief thanking them for the email and advising that applicants would be honored to join a Tribal Council meeting, however the Chief saw fit.
Phone call between Jordan Cove, HRA, and Tribe	August 21, 2018	Jordan Cove, Tribal staff, HRA, and K Kiewit, Black & Veatch and JGC Joint Venture staff held a conference call to discuss the upcoming geotechnical work at the Jordan Cove site and to address concerns brought forward by Tribal staff. HRA provided a summary of their Phase Two Geoarchaeological work.
E-mail from Jordan Cove to Tribe	August 2, 2018	Jordan Cove emailed Tribal staff, attaching the JCLNG August 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to Jordan Cove with any questions.
Email from Jordan Cove and Pacific Connector to Tribe	August 9, 2018	Email from applicants to Tribal staff providing information requested in lieu of a Tribal monitor being present on August 8, 2018,

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove to Tribe	August 20, 2018	Applicants email to Tribal staff reminding that HRA would be starting work at the ODOT property at North Point the week of August 27, 2018 assuming that the SHPO permit was issued and providing details about this work.
Email from Jordan Cove and Pacific Connector to Tribe	August 23, 2018	Applicants emailed Tribal staff noting that they were still working on a written response to the questions sent to the applicant by the Coquille Tribe. Applicants will send responses to these questions over the coming weeks, but would like to take the opportunity to have a meeting with Tribal staff to discuss in detail.
E-mails between Jordan Cove, Pacific Connector, HRA, and Tribe	August 23, 2019 to August 24, 2018	Applicants and HRA provided further details about HRA's work at the ODOT property, including location direction and meeting times. Details also provided about work on BLM property. Emails between Tribal staff and HRA about monitor coverage.
E-mail from HRA to Tribe	August 27, 2018	Email from HRA to update on work at ODOT property at North Point
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 27, 2018	Email from applicants to Tribal staff to confirm and clarify the adjustment being made to monitors at the Tribal site, and that if Tribal staff had any questions they could contact applicants. Tribal staff confirmed they would coordinate with each other to ensure alignment.
E-mail from Jordan Cove to Tribe	August 31, 2018	Jordan Cove emailed Tribal staff, attaching the JCLNG September 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to the applicants with any questions.
Cow Creek Band		
Jordan Cove met with Tribal representatives	January 18, 2017	Jordan Cove made a presentation about the Project.
Letter from Jordan Cove to Tribe	February 15, 2017	Jordan Cove informed the Tribe that it entered into FERC's pre-filing process and provided notification of up-coming open houses.
Jordan Cove met with members of the Tribal Board	March 22, 2017	Jordan Cove made a presentation about the Project and discussed cultural resources surveys.
Letter from Jordan Cove to Tribe	April 27, 2017	Jordan Cove requested tribal review of research design.
Telephone conferences between Jordan Cove and Tribal representatives	June – August 2017	Discussed tribal monitoring.
Email from HRA to Tribe	August 16, 2017	Requested information from tribal database on cultural resources.
Letter from Jordan Cove to Tribe	September 25, 2017	Conveyed copies of application to FERC.
Email from Jordan Cove to Tribe	October 2, 2017	Project Activity Update for October 2017.
Jordan Cove sent materials to Tribe	October 5, 2017	Jordan Cove provided copy of its application to the FERC, resource reports, and cultural resources reports.
Jordan Cove sent materials to Tribe	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Email from Jordan Cove to Tribe	November 16, 2017	Provided updated schedule for sampling at Kentuck Slough.
Jordan Cove met with Tribe	December 1, 2017	Site visit with tribal administrative staff, THPO, and Forest Service to discuss sensitive cultural area and potential for re-route.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Jordan Cove met with Tribal Board of Commissioners	December 5, 2017	Provided Project update and answered questions.
Email from Jordan Cove to Tribe	December 14, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribe	December 20, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribe	December 22, 2017	Request for a meeting with Tribe in January 2018 to discuss testing at the South Dunes former mill location.
Jordan Cove met with tribal representatives	January 24, 2018	Discussed Project status, survey activities, and programs for business, procurement, and training opportunities with the Project.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribe	January 24, 2018	Meeting between Tribal staff, HRA, and applicants to discuss wetland delineation, emergency response planning, regulatory and legal updates, as well as Jordan Cove's history, Tribal engagement pillars and economic development opportunities. Applicants offered a meeting with engineering to review construction and mapping of pipeline activities.
E-mail from Jordan Cove and Pacific Connector to Tribe	January 25, 2018	Applicants emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
E-mail from Jordan Cove and Pacific Connector to Tribe	January 30, 2018	Applicant emailed Tribal staff to follow up on the letter sent by the Tribe with feedback on the UDP and other comment on the RR4s. Applicant advised HRA would follow up on other items. Applicant provided Appendix F from the previous iteration of the project (FEIS 2015) that outlines the BLM and forest service mitigation project.
E-mail from HRA to Tribe	January 30, 2018	Email from HRA to Tribal staff providing Privileged and Confidential Resource Report 4 responses that were submitted to the FERC by the applicants.
E-mails between Jordan Cove, Pacific Connector, and Tribe	January 31, 2018 to February 6, 2018	Applicants emailed Tribal staff and attached the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018. Discussion via email to answer questions about the work and planned testing activities.
Letter from Tribe to Jordan Cove and Pacific Connector	February 28, 2018	Cow Creek Band sent letter to applicants acknowledging meeting on December 4, 2017, outlining concerns and highlighting how the Tribe and applicants could work together to resolve these concerns if the Project received regulatory approval to proceed.
E-mail from Jordan Cove and Pacific Connector to Tribe	March 1, 2018	Applicants emailed Tribal staff, attaching the March 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribe	March 2, 2018	Email from applicants to Tribal staff inquiring on status of letter of direction discussed at January 24, 2018 meeting, and confirming meeting in March.
E-mail from Tribe to Jordan Cove and Pacific Connector	March 7, 2018	Email from Tribal staff to applicants attaching letter and noting that it was sent via registered mail. Letter was dated February 28, 2018.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribe	March 18, 2018	Email from applicants to Tribal staff noting that applicants was currently reviewing February 28, 2018 letter.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 1, 2018	Applicants emailed Tribal staff, attaching the April 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 9, 2018	Email from applicants advising that a response letter dated April 9, 2018 had been sent, and proposing meeting dates for May, asking Tribal staff to confirm meeting dates, time, attendance list and agenda items.
E-mails between Jordan Cove, Pacific Connector, and Tribe	April 18, 2018 to April 19, 2018	Emails between applicants and Tribal staff to reschedule meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 30, 2018	Email to Tribal staff attaching the May 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mails and telephone calls between Jordan Cove, Pacific Connector, and Tribe	May 7, 2018 to May 11, 2018	Emails and phone calls between applicants and Tribal staff to discuss meeting timing, logistics, and meeting agenda items.
E-mail from Jordan Cove and Pacific Connector to Tribe	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
E-mails between Jordan Cove, Pacific Connector, and Tribe	May 28, 2018 to May 31, 2018	Emails between applicants and Tribal staff about June 7, 2018 meeting. Applicants confirmed they would send a formal letter of invitation to Tribal Council to join applicants on a tour of Pembina's Canadian operations and meet with senior leadership. Draft meeting agenda provided by applicants with request for Tribal staff to review and provide additional meeting content as needed.
E-mail from Jordan Cove and Pacific Connector to Tribe	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribe	June 2, 2018	Applicants emailed Tribal staff and copied HRA attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Tribal staff are to contact applicants if they would like to coordinate a monitor or if they have any concerns.
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 4, 2018 to June 6, 2018	Emails between applicants and Tribal staff about agenda and meeting topic finalization. Emergency management added to agenda. Letter attached with formal request for leader to leader meeting.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribe	June 7, 2018	Meeting between applicants, HRA, and Cow Creek staff to introduce new personnel and provide overview of cultural resources associated with the pipeline portion of the Project. Applicants provided an update on permitting activities.
E-mail from Jordan Cove and Pacific Connector to Tribe	June 11, 2018	Applicants emailed Tribal staff, attaching the current version of the UDP as discussed at the meeting on June 7, 2018. This version includes some recent additions.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribe	July 18, 2018	Email from applicants with letter attached requesting a meeting between Tribal leadership and applicants' senior leadership.
E-mail from Tribe to Jordan Cove and Pacific Connector	July 16, 2018	Email from Tribal staff communicating that they were still working with Chairman to schedule a time for a leadership meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 19, 2018	Follow up email from applicants to Tribal staff following up on meeting date.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 30, 2018 to July 31, 2018	Email from applicants' Tribal Affairs Manager introducing herself and that she understood Tribal staff were working on schedules for a meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.
Phone Call from Jordan Cove and Pacific Connector to Tribe	August 9, 2018	Phone call from applicants senior leadership to Tribal leadership asking for a conversation about meeting in the future.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 10, 2018	Emails between Tribal staff and applicants regarding a proposed September 26 meeting date.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 21, 2018 to August 22, 2018	Emails between Tribal staff and applicants regarding a meeting date in October, and the direction that the Chairman would like the meeting to be with the full Board.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Fort Bidwell Paiute Tribe		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Fort Bidwell Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 8, 2018	Email copy of Registered mail dated July 30, 2108 sent to Fort Bidwell Tribe Chairman.
Phone call from Jordan Cove and Pacific Connector to Tribe	August 27, 2018	Applicants phone call to Fort Bidwell Tribal Office ask for a contact in Natural Resources department or land department. Tribal Office advised that registered mail was the main way communications came in and out of the Tribe.
Grand Ronde Tribes		
Letter from Jordan Cove to Tribes	February 15, 2017	Jordan Cove informed Tribes that it entered into FERC's pre-filing process and provided notification of up-coming open houses.
Letter from Jordan Cove to Tribes	April 27, 2017	Jordan Cove requested Tribal review of research design.
Email from Jordan Cove to Tribes	Not Provided	Jordan Cove seeks opportunities for further communication with Tribes in response to tribal letter to FERC dated June 30, 2017 (accession #20170711-0010).
Email from Jordan Cove to Tribes	August 4, 2017	Project Activity Update for August 2017.
Email from HRA to tribes	August 16, 2017	Requested information from Tribal database on cultural resources.
Jordan Cove met with tribal representatives	September 21, 2017	Provided project update to Cultural Resources Director and tribal administrative staff.
Letter from Jordan Cove to Tribes	September 25, 2017	Conveyed copies of application to FERC.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Communication between HRA and Tribes	September 27, 2017	HRA set up bimonthly cultural resource conference call with THPO.
Communications between Ethnographer and Tribes	September – December 2017	Input sought on informal basis by Ethnographer regarding communication methods and traditional land resource uses.
Email from Jordan Cove to Tribes	October 2, 2017	Project Activity Update for October 2017.
Jordan Cove sent materials to Tribes	October 5, 2017	Jordan Cove provided copy of its application to the FERC, resource reports, and cultural resources reports.
Jordan Cove sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
HRA sent materials to Tribes	November 6, 2017	HRA provided requested project and cultural resource survey data to the Grand Ronde Historic Preservation Office.
Communication between HRA and Tribes	November 8, 29 and December 13, 2017; and January 3, 2018	HRA held calls with Grand Ronde Historic Preservation Office on survey schedules and methodologies for the pipeline.
Email from Jordan Cove to Tribes	November 16, 2017	Provided updated schedule for sampling at Kentuck Slough.
Email from Jordan Cove to Tribes	December 1, 2017	Notification of rescheduling of geotechnical testing at relocation of electric substation at South Dunes.
Email from Jordan Cove to Tribes	December 14, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 20, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 22, 2017	Request for a meeting with Tribes in January 2018 to discuss testing at the South Dunes former mill location.
Jordan Cove met with Tribes	January 25, 2018	Jordan Cove and Pacific Connector met with Grand Ronde Historic Preservation Office to discuss Project status, survey activities, and programs for business, procurement, and training opportunities with the Project.
Ongoing communications	Ongoing	All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Email to Tribal staff advising that applicants provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
Meeting between Jordan Cove, Pacific Connector, and Tribes	January 25, 2018	Meeting between applicants and Tribal staff to provide a compendium of cultural surveys and sites.
E-mail from HRA to Tribes	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by the applicants.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 31, 2018 to February 6, 2018	Email to Tribal staff attaching the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Email to Tribal staff, attaching the March 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove to Tribes	April 1, 2018	Email to Tribal staff, attaching the April 2018 Project Activity Update for Jordan Cove LNG, and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 20, 2018	Email to Tribal staff proposing another meeting on May 31, 2018 to introduce new team members and follow up on the discussion topics from January 25, 2018 meeting.
E-mail from Tribes to Jordan Cove and Pacific Connector	April 24, 2018	Tribal staff email applicants thanking them for following up on the previous meeting and advising that the Grand Ronde Tribes is looking forward to meeting new applicants team members.
E-mail from Tribes to Jordan Cove and Pacific Connector	April 24, 2018	Tribal staff emailed applicants thanking everyone, and advising of absences from the office in June to facilitate scheduling a meeting.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Applicant emailed Tribal staff, attaching the June 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mails between Jordan Cove, Pacific Connector, and Tribes	May 4, 2018 to June 13, 2018	Various emails between applicants and Tribal staff to agree a meeting date, items for discussion and attendees. Meeting date set for June 14, 2018 to discuss Environment, Cultural Resources, Engineering/Construction and Regulatory updates.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff and copied HRA attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Tribal staff are to contact applicants if they would like to coordinate a monitor or if they have any concerns.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribes	June 14, 2018	Applicants, HRA and Tribal staff met to introduce new applicant staff, present a federal and state permitting status update, the HDD and Direct Pipe (DP) design, and the Pacific Connector pipeline waterbody crossing methods. Applicants and HRA answered specific questions from Tribal staff.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
E-mail from Tribes to Jordan Cove and Pacific Connector	July 13, 2018	Tribal staff emailed applicants to ask about obtaining a copy of the PowerPoint presentation that was shared during the June 14, 2018 meeting.
E-mails between Jordan Cove, Pacific Connector, HRA, and Tribes	July 16, 2018 to July 17, 2018	Various emails between Tribal staff, HRA, and applicants about the Tribe's objection to SHPO Permit AP 2533, and finding a time for a meeting to discuss further.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 16, 2018	Applicants provided the June 14, 2018 presentation to Tribal staff.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribes	July 17, 2018	Applicants emailed noting changing availability for HRA and asking about meeting schedule. Applicants attached their letter sent to the SHPO and their response letter regarding this permit.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 13, 2018	Applicants emailed Tribal staff Grand Ronde, advising that the first batch of samples will likely be processed August 30, 2018. Provided information regarding processing of samples.
Phone call between HRA and Tribes	August 22, 2018	HRA had a phone call with Tribal staff to discuss upcoming work schedules and HRA's memo about the August 7 meeting and discussion about the proposed geotechnical bore at Site 35JA670/684. Tribal staff asked about the geotechnical bore schedule for September HRA committed to provide that information.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Hoopa Valley Tribe		
Letter from Jordan Cove and Pacific Connector to Tribes	July 30, 2018	Registered mail dated July 30, 2018 to Hoopa Valley Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Phone call from Jordan Cove and Pacific Connector to Tribes	August 1, 2018	Voicemail left with Hoopa Valley Tribe Administration inquiring about an email address for Chairman.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 8, 2018 to August 9, 2018	Email sent to Administration following up on voicemail. Administration provided Chairman's email.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 9, 2018	Email copy of registered mail dated July 30, 2108 sent to Hoopa Valley Tribe Chairman.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 27, 2018	Email from applicants to Tribal Land Management team following up on letter sent to Chairman, wondering whether Tribe had a chance to discuss the letter from applicants and whether a date could be found for an introductory meeting.
Karuk Tribe		
Meeting with Jordan Cove, Pacific Connector, FERC, and Tribe	July 18, 2018	Staff participated in FERC consultation with Karuk Tribe.
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Karuk Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of July 30, 2018 registered mail sent from applicants to Karuk Tribe Chairman.
E-mails and phone call between Jordan Cove, Pacific Connector, and Tribe	August 27, 2018 to August 28, 2018	Email from applicants to Karuk Tribal staff to follow up on July 30, 2018 letter. Phone call from Chairman of Karuk Tribe to applicants to confirm appropriate contacts to set up the meeting, and express interest in meeting. Emails exchanged between applicants and Tribal staff to determine a date for meetings with the Karuk Resources Advisory Board and Tribal Council.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Klamath Tribes		
Letter from Jordan Cove to Tribes	February 15, 2017	Jordan Cove informed Tribes that it entered into FERC's pre-filing process and provided notification of up-coming open houses.
Letter from Klamath Tribes to Jordan Cove	April 3, 2017	The Tribes are willing to meet with applicants, SHPO, FERC, and other agencies. The Tribes oppose the Project, which cross traditional territory, may impact significant cultural resources including villages and graves, and would cross the Klamath and Rogue Rivers.
Email from Jordan Cove to Tribes	April 5, 2017	Jordan Cove requested meeting with Tribal Council.
Letter from Jordan Cove to Tribes	April 27, 2017	Jordan Cove requested Tribal review of research design.
Email from Jordan Cove to Tribes	April 28, 2017	Jordan Cove requested a meeting with Tribal representatives.
HRA telephone call to Tribal representatives	July 18, 2017	Discussed potential impacts on traditional plants and other natural resources important to the Tribes and the involvement of an ethnographer.
Email from Jordan Cove to Tribes	August 4, 2017	Project Update for August 2017.
Email from HRA to Tribes	August 16, 2017	Requested information from Tribal database on cultural resources.
Applicant met with Tribal Council	September 20, 2017	Met with FERC Project Manager and Tribal Council to listen to concerns and answers questions.
Letter from Jordan Cove to Tribes	September 25, 2017	Conveyed copies of application to FERC.
Communications between Ethnographer and Tribes	September – December 2017	Input sought on informal basis by Ethnographer regarding communication methods and traditional land resource uses.
Email from Jordan Cove to Tribes	October 2, 2017	Project Activity Update for October 2017.
Jordan Cove sent materials to Tribes	October 5, 2017	Company provided copy of its application to the FERC, resource reports, and cultural resources reports.
Email from HRA to Tribes	October 9, 2017	Request for discussion of methodological concerns raised during October 5, 2017 meeting. Telephone follow-up requests October through December at regular intervals.
Jordan Cove sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Email from Jordan Cove to Tribes	November 16, 2017	Provided updated schedule for sampling at Kentuck Slough.
Email from Jordan Cove to Tribes	December 1, 2017	Notification of rescheduling of geotechnical testing at relocation of electric substation at South Dunes.
Email from HRA to Tribes	December 6, 2017	Request discussion of concerns with cultural resource survey and methodology.
Email from Jordan Cove to Tribes	December 14, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 20, 2017	Project Activity Update for January 2018
Email from Jordan Cove to Tribes	December 22, 2017	Request for a meeting with Tribes in January 2018 to discuss testing at the South Dunes former mill location.
Email from HRA to Tribes	January 19, 2018	Request discussion of concerns with cultural resource survey and methodology and also to request a meeting with the applicant to discuss potential for business, training, and procurement opportunities with the Project.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Ongoing communications	Ongoing	Requests for input and feedback on potential cultural sites and on tribal monitoring from Jordan Cove to Klamath. All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Applicant emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 30, 2018	Applicants emailed Tribal staff, following up on January 29 voicemails that had been exchanged.
E-mails between Jordan Cove, Pacific Connector, and Tribes	January 30, 2018	E-mails between Tribal staff and applicants regarding UDP content and correcting contact information.
E-mail from HRA to Tribes	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by the applicants.
E-mails between Jordan Cove, Pacific Connector, and Tribes	January 31, 2018 to February 6, 2018	Email to Tribal staff attaching the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018. Discussion via email to answer questions about the work and planned testing activities.
Phone Call from Tribes to Jordan Cove and Pacific Connector	February 26, 2018	Phone call from Tribal staff to applicants advising applicants to contact the Chairman of the Klamath Tribes to set up a meeting.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Email to Tribal staff, attaching the March 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 21, 2018	Applicants sent a letter to the Tribal Council Chairman of The Klamath Tribes, as an introduction to new staff and requested a follow-up meeting to further discuss the Project details and begin to understand the Tribes' project concerns.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 1, 2018	Email to Tribal staff, attaching the April 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 27, 2018	Applicants emailed Tribal Council Chairman following up on March 21, 2018 letter and expressing interest in a meeting with Tribal leadership to introduce applicants and understand the Klamath Tribes' perspective on the Project. Direct contact information for senior leadership provided.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Email to Tribal staff, attaching the May 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
Phone call from Jordan Cove and Pacific Connector to Tribes	May 3, 2018	Applicants called Tribal Council Chairman and left a voice message requesting a meeting and following up on email of April 27, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Phone call between Jordan Cove, Pacific Connector, and Tribes	May 23, 2018	Phone call between applicants and Tribal Council Chairman, follow up call scheduled for May 24, 2018.
Phone call between Jordan Cove, Pacific Connector, and Tribes	May 24, 2018	Phone call between applicants and Tribal Council Chairman. Tribal issues generally discussed, including concerns about Project.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 25, 2018	Applicants emailed a letter to Tribal Council Chairman, further to May 24, 2018 conversation.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff and copied HRA attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Tribal staff are to contact applicants if they would like to coordinate a monitor or if they have any concerns.
E-mail from Tribes to Jordan Cove and Pacific Connector	June 5, 2018	Email from Tribal Council Chairman to applicants advising that that the Klamath Tribes will address applicants' request from May 25, 2018 letter at the next Tribal Council meeting scheduled for June 13, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 6, 2018	Applicants emailed Tribal Chairman, copying Tribal Council, thanking the Chairman for the email. Applicants advised that they were very much looking forward to meeting the Klamath Tribe and its Leadership.
Phone call between Jordan Cove, Pacific Connector, and Tribes	June 6, 2018	Phone call between applicants and Tribal Council Chairman. Chairman communicated that applicants' letter was on the June 13, 2018 Council agenda. Chairman expressed concern that there is nothing applicants can do to mitigate the Tribes' concerns, given their nature.
E-mail from Tribes to Jordan Cove and Pacific Connector	June 14, 2018	Email from Tribal Council Chairman, writing the Tribal Council acted by a formal motion to deny the Applicants' request to meet with the Council.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 19, 2018	Email from applicants to Tribal Chairman, thanking the Tribe for considering the request to meet and the offer to conduct open houses on the Project. Applicants will still provide Project updates and answer any questions the Tribe or Council may have.
E-mail from Tribes to Jordan Cove and Pacific Connector	June 20, 2018	Email from Tribal Council Chairman thanking applicants for the email and response.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 22, 2018	Applicants emailed Tribal Council Chairman to share an example of the support that the company offers Canadian First Nations.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 1, 2018	Applicants emailed Tribal Council Chairman information about the company's work on an Environmental Training Program for First Nations in Canada, and the opportunities it was offering.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 1, 2018	Applicants phoned Tribal Council Chairman to follow up on previous requests for a meeting. Chairman indicated that they were not interested in meeting with applicants given the Tribe's opposition to the Project. Applicants underlined that they would like to understand the Tribe's concerns about the Project.
E-mail from Tribes to Jordan Cove and Pacific Connector	August 1, 2018	Email from Tribal Council Chairman thanking applicants for the email.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 2, 2018	Applicants phoned Tribal Council Chairman to follow up on August 1, 2018 telephone conversation.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to the applicant with any questions.
Phone call from Jordan Cove and Pacific Connector to Tribes	August 23, 2018	Applicants phoned Tribal Council Chairman several times advising them that senior leadership was in Klamath Falls and would like to set a meeting to discuss the Project. Phone calls were unreturned.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Letter from Klamath Tribes to Jordan Cove	December 3, 2018	Tribes decline to submit proposal to conduct ethnographic studies for the Project
Letter from Jordan Cove to Klamath Tribes	December 20, 2018	Response to December 3 letter from Tribes. Company wishes to engage with the Klamath Tribes.
Modoc Tribe of Oklahoma		
E-mail from Tribe to Jordan Cove and Pacific Connector	April 4, 2018	Email from Modoc Tribe to applicants indicating interest in engaging on the Project, given its location within areas of cultural significance to the Modoc Tribe of Oklahoma.
Phone call between Jordan Cove, Pacific Connector, and Tribe	April 5, 2018	Applicants phoned Modoc Tribe of Oklahoma, indicating applicants' interest in meeting and in beginning a relationship and learning more about each other. Modoc Tribe communicated that they have traditional lands in southern Oregon and northern California.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 6, 2018	Applicants emailed Modoc Tribal staff to confirm conversation from April 5, and to confirm accuracy of summary.
E-mail from Tribe to Jordan Cove and Pacific Connector	April 6, 2018	Modoc Tribal staff confirmed accuracy of email and thanked applicants for the conversation.
E-mails between Jordan Cove, Pacific Connector, and Tribe	April 19, 2018	Applicants emailed Tribal staff noting that they were in the process of hiring additional resources for the project, and coordinating for meeting.
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 13, 2018	Email from Tribal staff inquiring about scheduling a meeting. Applicants replied that they were finalizing the hire of a Tribal Affairs Manager, and that it would be best if she was at the meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 4, 2018	Email from applicants introducing new Tribal Affairs Manager and asking about the Tribe's availability for meeting.
Phone call between Jordan Cove, Pacific Connector, and Tribe	July 20, 2018	Call between applicants and Tribal staff to discuss meeting and agenda.
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 26, 2018 to August 14, 2018	Emails to confirm meeting for August 21, 2018 in Miami, OK, agenda items and attendees.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 1, 2018	Email from applicants to provide email copy of a letter dated July 30, 2019 that was sent registered mail to the Modoc Tribe of Oklahoma's Chief. Tribal staff agreed to send the letter along to the Chief.
Meeting between Jordan Cove, Pacific Connector, and Tribe	August 21, 2018	Meeting between applicants, Tribal staff and Tribal Council, to provide an introduction to applicants, an update on the Project, and applicants' approach to working with Tribes. Discussion of project specific questions and opportunities for collaboration.
Siletz Tribes		
Letter from Jordan Cove to Tribes	February 15, 2017	Jordan Cove informed Tribes that it entered into FERC's pre-filing process and provided notification of up-coming open houses.
Applicants met with representatives of the Tribes	March 21, 2017	Provided an update about the Project.
Email from HRA to Tribes	March 27, 2017	Requested Tribal review of research design for geotechnical work at terminal for SHPO permit.
Letter from Jordan Cove to Tribes	April 27, 2017	Jordan Cove requested Tribal review of research design.
Email from Jordan Cove to Tribes	May 19, 2017	Provided schedule for testing at APCO site.
Email from HRA to Tribes	August 16, 2017	Requested information from tribal database on cultural resources.
Email from HRA to Tribes	September 19, 2017	Discussed schedule for geoarchaeological coring at the LNG terminal.
Email from HRA to Tribes	September 20, 2017	Conveyed maps of geoarchaeological boring locations.
Letter from Jordan Cove to Tribes	September 25, 2017	Conveyed copies of application to the FERC.
Email from Jordan Cove to Tribes	September 27, 2017	Discussed schedule for geotechnical work at Kentuck Slough.
Email from Jordan Cove to Tribes	September 29, 2017	Updated schedule for work at Kentuck Slough.
Communications between Ethnographer and Tribes	September – December 2017	Input sought on informal basis by Ethnographer regarding communication methods and traditional land resource uses.
Email from Jordan Cove to Tribes	October 2, 2017	Project Activity Update for October 2017.
Email from Jordan Cove to Tribes	October 5, 2017	Discussed boring activity monitoring logistics.
Jordan Cove sent materials to Tribes	October 5, 2017	Jordan Cove provided copy of its application to the FERC, resource reports, and cultural resources reports.
Email from HRA to Tribes	October 11, 2017	Conveyed revised research design for site HRA-1227-806.
Email from HRA to Tribes	October 19, 2017	Discussed schedule for drilling at Kentuck Slough.
Email from HRA to Tribes	October 23, 2017	Discussed geoarchaeological testing technology.
Email from HRA to Tribes	November 1, 2017	Discussed geoprobe fieldwork schedule.
Email from HRA to Tribes	November 9, 2017	Provided a schedule for coring during November and December 2017.
Email from Jordan Cove to Tribes	November 16, 2017	Provided updated schedule for sampling at Kentuck Slough.
Email from HRA to Tribes	November 30, 2017	Notification of borings at Pacific Power location at terminal.
Email from Jordan Cove to Tribes	December 1, 2017	Notification of rescheduling of geotechnical testing at relocation of electric substation at South Dunes.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
Email from HRA to Tribes	December 4, 2017	Schedule for coring in December 2017 and January 2018.
Email from Jordan Cove to Tribes	December 14, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 20, 2017	Project Activity Update for January 2018.
Email from Jordan Cove to Tribes	December 22, 2017	Request for a meeting with Tribes in January 2018 to discuss testing at the South Dunes former mill location.
Email from HRA to Tribes	January 10, 2018	Notification that the field portion of coring was completed.
Ongoing communications	Ongoing	All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Applicants emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
E-mail from Tribes to Jordan Cove and Pacific Connector	January 25, 2018	Email from Tribal staff to applicants, expressing concern over how seriously areas of cultural sensitivity were being taken by the applicants understanding that not all the detailed information about culturally significant places was documented in a database, concerns about proposed geotechnical work, and concerns about the direct and indirect impacts from the Project.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Email from applicants to Tribal staff thanking them for the email and feedback and suggesting a meeting to discuss these concerns. Applicants will coordinate directly with Tribal staff to confirm a meeting date.
E-mail from Tribes to Jordan Cove and Pacific Connector	January 25, 2018	Tribal staff emailed applicants outlining appropriate attendees for a meeting, and that applicants should coordinate any discussion on a meeting date with these individuals.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 30, 2018	Email from applicant to Tribal staff to schedule February meeting to discuss concerns raised in the January 25, 2018 email; provide update on investigations and cultural surveys at the Coos Bay site and along the proposed pipeline route; introduce new applicant team members dedicated to tribal engagement; discuss the new parent company; and discuss communication protocols.
Email from HRA to Tribes	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by the applicants.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 31 – February 6, 2018	Applicants emailed Tribal staff and attached the February 2018, Project Activity Update and 30-day notice for upcoming activity. Discussion via email to answer questions about the work and planned testing activities.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Applicants emailed Tribal staff, attaching the March 2018 Project Activity Update, and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 1, 2018	Applicants emailed Tribal staff, attaching the April 2018 Project Activity Update.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Applicants emailed Tribal staff, attaching the May 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering the opportunity to discuss his transition into this role.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates from the previous applicant staff and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Applicants asked Tribal staff if they would like to provide a monitor for this work.
E-mail from Jordan Cove to Tribes	June 4 – 6, 2018	Emails to Tribal staff from Coquille Indian Tribe, CTCLUSI and Siletz Tribe to discuss an HRA field crew discovery while conducting a shovel probe at South Dunes near the eastern end of the access corridor, confirming that the UDP had been followed. Emails outlined and agreed next steps, as well as protective and security measures, with all interested parties.
E-mails between Jordan Cove, Pacific Connector, and Tribes	June 2 – 5, 2018	Emails regarding Tribal monitors for upcoming work and logistics. Applicants emailed Tribal staff with an update that geotechnical would start in Coos County at the two locations June 6, 2018, as current locations were taking longer than expected. Applicants confirmed HRA would have a monitor for the duration of the borings
E-mail from Tribes to Jordan Cove and Pacific Connector	June 6, 2018	Tribal staff emailed applicants advising they were still in Rogue Valley until June 8, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 7, 2018	Email from applicants to Tribal staff to advise of delays in geotechnical work, and revised mobilization to Coos County sites on June 8, 2018. Applicants asked Tribal staff to let them know if there were any issues with providing a monitor.
E-mail from Jordan Cove to Tribes	June 11, 2018	Applicants proposed another conference call to discuss a summary of the archaeological work that had been performed recently, updates for the work planned to occur soon, and to discuss any concerns, and asked Tribal staff for feedback on this.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 8, 2018	Email from applicants to Tribal staff to follow up on whether Siletz Tribal leadership and staff would be open to an introductory meeting to talk about who applicants are, and to provide an update on the proposed Jordan Cove Project.
E-mail from Tribes to Jordan Cove and Pacific Connector	July 8, 2018	Email from Tribal staff to applicants thanking them for their email and copying Tribal Council, advising that the Confederated Tribes of Siletz Indians is still trying to select meeting date.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribes	August 7, 2018	Applicants and HRA met with Tribal staff to discuss an objection Tribal staff put forth on a SHPO permit.

TABLE L-6 (continued)		
Communications Between Jordan Cove and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribes	August 8, 2018	Email from applicants to Tribal staff indicating that they were looking forward to meeting, and following up on July 8 email.
Hand Delivery of gift to Tribes from Jordan Cove and Pacific Connector	August 10, 2018	Applicants' senior leadership sent Delores Pigsley a letter attaching traditional drum gift for the drumming group, and a traditional Hudson's Bay Blanket from applicants to Confederated Tribes of Siletz Indians for the Nesika Illahee Pow-Wow. These traditional gifts were delivered in person by applicants' staff.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 29, 2018	Applicants emailed Tribal staff to follow up on the August 8, 2018 email.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Tolowa Dee-ni' Nation		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Tolowa Dee-Ni' Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of Registered mail dated August 1, 2108 sent to Tolowa Dee-Ni' Chairman.
Email from Jordan Cove and Pacific Connector to Tribe	August 27, 2018	Email to Tribal staff to follow up on July 30, 2018 letter.
Yurok Tribe		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Yurok Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of Registered mail dated July 30, 2108 sent to Yurok Chairman.

Pacific Connector Gas Pipeline, L.P.

TABLE L-7		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Burns Paiute Tribe		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail to Burns Paiute Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of July 30, 2018 registered mail sent from applicants to Chairman.
Email from Jordan Cove and Pacific Connector to Tribe	August 27, 2018	Email from applicants to Tribal staff to follow up on July 30, 2018 letter to express interest in setting up an introductory meeting.
CTCLUSI		
Meeting with Tribal Council	January 19, 2017	Tribal Council expressed interest in the Coos Bay alternative pipeline route under Haynes Inlet.
Letter from Pacific Connector to Tribes	April 27, 2017	Pacific Connector requested Tribal review of research design.
Email from HRA to Tribes	August 16, 2017	Requested information from Tribal database on cultural resources.
Email from HRA to Tribes	July 13, 2017	Conveyed cultural resources survey plan for Pacific Connector pipeline route in Coos County.
Email from Tribes to HRA	July 19, 2017	Confirmed Tribal monitors would participate in surveys.
Email from HRA to Tribes	July 22, 2017	Update on cultural resources survey schedule.
Email from Tribes to HRA	July 22, 2017	Confirmed Tribal monitors would participate in surveys.
Email from HRA to Tribes	July 28, 2017	Update on the results of cultural resources surveys.
Email from Pacific Connector to Tribes	October 3, 2017	Discussed coring for HDD under Coos Bay.
Pacific Connector met with Tribal representatives	October 3, 2017	Discussed CRPA, UDP, geoarchaeological investigations, and Tribal monitoring.
Tribal Monitoring	October 4 – November 3, 2017	CTCLUSI participated in monitoring of in-water geotechnical borings.
Email from Pacific Connector to Tribes	October 5, 2017	Discussed boring activity monitoring logistics.
Pacific Connector sent materials to Tribes	October 5, 2017	Pacific Connector provided copy of its application to the FERC, resource reports, and cultural resources survey reports.
Tribal Monitoring	October 5 – 24, 2017	CTCLUSI participated in tribal monitoring of geotechnical borings at the Kentuck site.
Tribal Monitoring	October 9, 2017 – January 23, 2018	Extensive communications between HRA and Tribes on logistical planning for tribal monitoring.
Email from Pacific Connector to Tribes	October 10, 2017	Discussed geotechnical boring for HDD under Coos Bay.
Phone and Email Communications between Tribal and Applicant Counsels	October – December 2017	Discussions regarding CRPA held on a weekly basis.
Pacific Connector sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Pacific Connector sent materials to Tribes	December 22, 2017	Pacific Connector provided response to tribes and agencies on the scope of Data Gap Investigation (hydrocarbon delineation) and suggested a meeting to discuss the work plan.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Pacific Connector met with Tribal representatives	January 23, 2018	Discussed CRPA, UDP, geoarchaeological investigations, and tribal monitoring.
Ongoing communications	Ongoing	Informal communications via e-mails and phone calls with tribal staff regarding cultural survey methods and results, geotechnical borings, UDP, and tribal monitoring of pre-construction site investigations. All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
Email from Jordan Cove and Pacific Connector to Tribes	January 30, 2018	Applicants emailed Tribal staff with responses to the January 3, 2018 data request, attaching the Privileged and Confidential RR4 responses that were submitted to FERC by applicants.
Email from Tribes (representative) to Jordan Cove and Pacific Connector	February 9, 2018	Jessica Flett (Wheat Law Office, Legal Counsel) emailed Tribal staff, SHPO, FERC attaching letter from the CTCLUSI to John Peconom regarding the January 3, 2018 Additional Information Request.
Emails between Jordan Cove, Pacific Connector, and Tribes	February 12 – 16, 2018	Emails to schedule a meeting with Council members and senior leadership.
Meeting between Jordan Cove, Pacific Connector, and Tribes	February 22, 2018	Applicants met with Tribal staff at their Tribal office in Coos Bay, Oregon. Applicants advised they were there to introduce new team members (from Pembina Pipeline Corporation). Applicants to organize a meeting with Chief and Council in March or April 2018.
Email from Jordan Cove and Pacific Connector to Tribes	February 26, 2018	Applicants emailed Tribal staff regarding potential meetings.
Email from HRA to Tribes	February 27, 2018	HRA emailed Tribal staff providing a link to a map book and excel spreadsheet showing all Phase I survey for the entire Pacific Connector Project. This is intended to provide an overview of where HRA needs to do survey this year. HRA will be sending out in-depth field plans one week prior to each field session.
Email from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Applicants emailed Tribal staff, attaching the March 2018 Project Activity Update.
Emails between Jordan Cove, Pacific Connector, and Tribes	March 5 – 20, 2018	Emails between applicants and Tribal staff to confirm a meeting date.
Email from Jordan Cove and Pacific Connector to Tribes	April 1, 2018	Email to Tribal staff, attaching the April 2018 Project Activity Update.
Emails between Jordan Cove, Pacific Connector, and Tribes	April 2 – 10, 2018	Emails with Tribal staff regarding CRPA and Policy 18 Agreement. Phone call to discuss April 10, 2018.
Emails between Jordan Cove, Pacific Connector, and Tribes	April 10, 2018	Applicants emailed Tribal staff providing a first draft of agenda for the meeting on April 12, 2018. Tribal staff provided minor changes, and meeting logistics were discussed.
Meeting between Jordan Cove, Pacific Connector, and Tribes	April 12, 2018	Meeting with applicants and Tribal staff to discuss strengthening the relationship moving forward, CTCLUSI priorities, interests and concerns.
Email from Tribes to Jordan Cove and Pacific Connector	April 15, 2018	Tribal staff emailed applicants advising that Tribal Chairman Ingersoll requested that applicants follow up and try to arrange a telephone call soon.
Email from Jordan Cove and Pacific Connector to Tribes	April 15, 2018	Applicants emailed Tribal staff suggesting telephone call on April 17, 2018.
Emails between Jordan Cove, Pacific Connector, and Tribes	April 17 – 18, 2018	Various emails to schedule a meeting for May 1, 2018 in Coos Bay.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Emails between Jordan Cove, Pacific Connector, and Tribes	April 20 – 26, 2018	Tribal staff emailed applicants and copied others regarding May 2018 meeting dates.
Email from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Email to Tribal staff, attaching the June 2018 Project Activity Update.
Meeting between Jordan Cove, Pacific Connector, and Tribes	May 1, 2018	Applicants met Tribal staff to discuss numerous issues of shared interest.
Email from HRA to Tribes and Pacific Connector	May 4, 2018	HRA emailed Tribal staff and copied Pacific Connector advising Tribal staff that HRA has verified with the Pacific Connector Land Agents that HRA has permission to conduct Phase I survey of centerline and access roads for Pacific Connector in Coos and Jackson Counties and invited the tribe to provide a monitor for this work.
Emails between Jordan Cove, Pacific Connector, and Tribes	May 5 – 7, 2018	Emails between applicants and Tribal staff to follow up on May 1, 2018 meeting and continue conversations about relationship.
Meeting between Jordan Cove, Pacific Connector, and Tribes	May 7, 2018	Meeting with Tribal leadership and applicants in Calgary.
Email from Jordan Cove and Pacific Connector to Tribes	May 10, 2018	Applicants emailed Tribal leadership thanking them for making the trip to Calgary.
Emails between Jordan Cove, Pacific Connector, and Tribes	May 10 – 11, 2018	Emails between applicants and Tribal staff to discuss CRPA.
Phone call between Jordan Cove, Pacific Connector, and Tribes	May 15, 2018	Phone call between applicants and Tribal Chairman.
Emails between Jordan Cove, Pacific Connector, and Tribes	May 17 – 20, 2018	Emails between applicants and Tribal staff to discuss CRPA.
Email from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicant's new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
E-mails and phone calls between Jordan Cove, Pacific Connector, and Tribes	May 23 – 29, 2018	Emails and phone calls between applicants and Tribal staff to discuss agreements.
Email from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff and copied HRA advising that the geotech boring crew will be finishing up their work in Douglas County and should be able secure landowner access to the Coos County locations early next week. HRA will have an archaeological monitor present during the boring.
Phone call between Jordan Cove, Pacific Connector, and Tribes	June 4, 2018	Phone call between applicants and Tribal staff to discuss CRPA and Policy 18 Agreement.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 2 – 5, 2018	Emails regarding Tribal monitors for upcoming work and logistics. HRA will have an archaeological monitor present during the upcoming geotechnical boring in Coos County. Tribal staff were asked to contact the applicants if they would like a monitor present, and if they had any concerns. Tribal staff emailed they were working to confirm a monitor. Applicants emailed Tribal staff with an update and confirmed HRA would have a monitor for the duration of the borings.
Emails from Jordan Cove and Pacific Connector to Tribes	June 6 – 7, 2018	Emails from applicants to Tribal staff to advise of delays in geotechnical work, and revised mobilization to Coos County sites on June 8, 2018.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Email from Jordan Cove and Pacific Connector to Tribes	June 11, 2018	Email from applicants to Tribal staff and HRA, noting that approval had been received from the private landowner for archaeological investigations to identify and test reported archaeological deposits on North Point. Applicants proposed another conference call to discuss a summary of the archaeological work that had been performed recently, updates for the work planned to occur soon, and to discuss any concerns.
Email from Jordan Cove and Pacific Connector to Tribes	June 11, 2018	Applicants emailed Tribal staff and copied HRA advising that private landowner permission letter was secured. The rest of the email details survey plans, aspects of geoarchaeological borings and status of research design being reviewed by SHPO.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 11, 2018	Email from Tribal staff to applicants advising of Tribal Council's support for agreements, and email from applicants advising that revised drafts of agreements will be forthcoming.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 13, 2018	Emails between applicants and Tribal staff about agreements. Teleconference scheduled for June 15, 2018.
Text message from Jordan Cove and Pacific Connector to Tribes	June 21, 2018	Leadership from applicants texted Tribal leadership to set dates for a fishing trip and to catch up on the ongoing work between applicants and the Tribe.
Emails between Jordan Cove, Pacific Connector, and Tribes	June 22 – July 2, 2018	Emails between applicants and Tribal staff about agreements and Tribal Council.
Email from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 6 – 8, 2018	Emails between applicants and Tribal staff about agreements.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 11 – 12, 2018	Emails between applicants and Tribal staff discussing HRA's planned work on the two sites referenced in applicant's July 11, 2018 email, and on planned fieldwork on fish weirs. Tribal staff agreed to work to schedule monitors.
Email from Jordan Cove and Pacific Connector to Tribes	July 12, 2018	Applicants emailed Tribal staff and copied HRA about property map confusion and land parcels.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 16, 2018	Emails between applicants and Tribal staff discussing the details of upcoming work starting July 24.
Email from Jordan Cove and Pacific Connector to Tribes	July 16, 2018	Applicants emailed Tribal staff and copied HRA providing details on work plan for upcoming archaeological work.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 20 – August 1, 2018	Emails between applicants and Tribal staff about agreements.
Emails between Jordan Cove, Pacific Connector, and Tribes	July 27 – August 15, 2018	Emails between applicants and Tribal staff about geotechnical work, samples, monitor participation and schedule, as well as update emails while work was in progress. A detailed update and additional information related to questions that Tribal staff had raised about upcoming geotechnical work, monitor training and safety requirements on site was discussed.
Email from Jordan Cove and Pacific Connector to Tribes	July 30, 2018	Applicants emailed Tribal staff, advising that applicants postponed fishing trip to Saturday August 25, 2018.
Email from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.

Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Email from Pacific Connector to Tribes	August 13, 2018	Pacific Connector emailed Tribal staff and copied HRA confirming that a path forward was identified to address Tribal staff's concerns about the SHPO permit for MP 132.5. HRA is adding the additional information as discussed to the SHPO permit.
Email from Jordan Cove and Pacific Connector to Tribes	August 13, 2018	Applicants emailed Tribal staff from CTCLUSI regarding processing of samples.
Email from Jordan Cove and Pacific Connector to Tribes	August 9, 2018	Email from applicants to Tribal staff providing information requested in lieu of a Tribal monitor being present on August 8, 2018,
Email from Jordan Cove and Pacific Connector to Tribes	August 14, 2018	Applicants emailed Tribal staff wondering whether Tribal staff had time for a quick call to talk about upcoming work being planning on an office location and what type of general contracting capacity CTCLUSI might have.
Email from Jordan Cove and Pacific Connector to Tribes	August 15, 2018	Applicants emailed Tribal staff attaching the map of the pipeline route to be included in both the CRPA and the Policy 18 Agreements.
Email from Jordan Cove and Pacific Connector to Tribes	August 15, 2018	Applicants replied to Tribal staff's email about a kick-off meeting and agreed that this was a good idea, confirming a telephone call for August 16, 2018.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 15, 2018	Phone call with CTCLUSI leadership and Blue Earth Services and Technology to discuss economic development opportunities.
Email from Tribes to Jordan Cove and Pacific Connector	August 15, 2018	Tribal staff emailed applicants expressing concerns that there is not yet adequate archaeological testing; and concerns about CRPA and other issues.
Email from Jordan Cove and Pacific Connector to Tribes	August 16, 2018	Applicants emailed Tribal staff, noting that they would conduct internal notifications and begin addressing Tribal staff's questions and concerns.
Email from Tribes to Jordan Cove and Pacific Connector	August 16, 2018	Tribal staff emailed applicants noting Tribal leadership have a few questions/comments regarding a map. Tribal staff asked if the applicant's and CTCLUSI GIS staff and leadership can schedule telephone call.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 16, 2018	Emails between Tribal staff and applicants to set a telephone conference.
Email from Jordan Cove and Pacific Connector to Tribes	August 17, 2018	Applicants are working to ensure that the bores the tribe communicated concerns about are not being performed next week.
Email from Tribes to Jordan Cove and Pacific Connector	August 17, 2018	Tribal staff emailed applicants about updated information on KBJB-427.
Email from Jordan Cove and Pacific Connector to Tribes	August 17, 2018	Applicants emailed Tribal staff about bore holes schedule.
Email from Tribes to Jordan Cove and Pacific Connector	August 17, 2018	Tribal staff emailed applicants thanking them for ensuring work would not commence at KBJB-410, KBJB-414, KBJB-415, KBJB-416, to KBJB-425, KBJB-419, KBJB-405 and KBJB-423 until after their concerns are discussed and addressed.
Email from Jordan Cove and Pacific Connector to Tribes	August 20, 2018	Applicants emailed Tribal staff, noting that they would be sending GIS data later today or tomorrow, and asking for a call to talk about the kick-off meeting on the CRPA and Council approval of the Policy 18 agreement.
Email from Jordan Cove and Pacific Connector to Tribes	August 20, 2018	Applicants email Tribal staff outlining the sampling method for bores. Email continues with technical details.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Email from Jordan Cove and Pacific Connector to Tribes	August 20, 2018	Applicants emailed Tribal staff about confirming meeting time and date on August 21, 2018.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 21, 2018	Emails between applicants and Tribal staff about a phone call on August 22, CTCLUSI comments on the 404 Permit, and pipeline GIS data.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 22, 2018	Phone call between applicants and Tribal staff to discuss agreements.
Email from Jordan Cove and Pacific Connector to Tribes	August 23, 2018	Applicants emailed Tribal staff to follow up on agreements.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 23 – 24, 2018	Emails between Tribal staff and applicants on lab work for core processing and schedule for monitors.
Emails between Jordan Cove, Pacific Connector, and Tribes	August 27, 2018	Various emails between applicants and Tribal staff discussing Tribal monitors, coordination, infiltration tests design and schedule.
Email from Jordan Cove and Pacific Connector to Tribes	August 27, 2018	E-mails regarding a map.
Email from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff advising that there have been 17 undisturbed samples that will be going to the lab for testing.
Email from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Coquille Tribe		
Email from HRA to Tribe	June 14, 2017	Request for Tribal monitors during archaeological surveys and geotechnical testing.
Email from HRA to Tribe	July 13, 2017	Conveyed cultural resources survey plan for Pacific Connector pipeline route in Coos County.
Email from HRA to Tribe	July 28, 2017	Update on the results of cultural resources surveys.
Email from HRA to Tribe	August 16, 2017	Requested information from tribal database on cultural resources.
Email from HRA to Tribe	August 18, 2017	Conveyed GIS data to the Tribe.
Email from HRA to Tribe	September 27, 2017	Discussed setting up a meeting to inform Tribe about the Pacific Connector Project.
Email from Pacific Connector to Tribe	October 3, 2017	Discussed coring for HDD under Coos Bay.
Tribal Monitoring	October 4 – November 3, 2017	Tribe participated in monitoring of in-water geotechnical borings.
Pacific Connector sent materials to Tribe	October 5, 2017	Pacific Connector provided copy of its application to the FERC, resource reports, and cultural resources reports.
Pacific Connector met with Tribal representatives	October 5, 2017	Discussed cost reimbursement for Tribal monitors, UDP, and geoarchaeological investigations.
Tribal Monitoring	October 5 – 24, 2017	Tribe participated in monitoring of geotechnical borings at the Kentuck site.
Tribal Monitoring	October 9, 2017 – January 23, 2018	Communications between HRA and Tribe on logistical planning for tribal monitoring.
Email from HRA to Tribe	October 10, 2017	Discussed expedited archaeological permit conditions.
Email from Pacific Connector to Tribe	October 10, 2017	Discussed borings for HDD under Coos Bay, including at North Point.
Email from HRA to Tribe	October 19, 2017	Update on archaeological survey field work in Coos County.
Pacific Connector sent materials to Tribe	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.

Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Pacific Connector sent materials to Tribe	December 22, 2017	Pacific Connector provided response to tribes and agencies on the scope of Data Gap Investigation (hydrocarbon delineation) and suggested a meeting to discuss the work plan.
Email from Pacific Connector to Tribe	January 21, 2018	Conveyed requested GIS data to the Tribe of the proposed pipeline route.
Pacific Connector met with Tribal representatives	January 22, 2018	Discussed Project status, site investigations and activities, and programs for business, procurement, and training opportunities with the Project.
Ongoing communications	Ongoing	Informal communications via e-mails and phone calls with tribal staff regarding cultural survey methods and results, geotechnical borings, UDP, and tribal monitoring of pre-construction site investigations. All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
Email from Jordan Cove and Pacific Connector to Tribe	January 23, 2018	Applicants emailed Tribal staff attaching the brochure that was discussed in the meeting on January 22 and following up on a discussion in the meeting about a group that Tribal staff had mentioned.
Email from Jordan Cove and Pacific Connector to Tribe	January 24, 2018	Applicants emailed Tribal staff attaching the ODEQ approved workplan for the Data Gap Investigation, advising that the investigation will occur January 29.
Email from Jordan Cove and Pacific Connector to Tribe	January 25, 2018	Applicants emailed Tribal staff advising that applicants provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
Emails between Jordan Cove, Pacific Connector, and Tribe	January 26, 2018	Tribal staff emailed applicants about the group that was brought up in January 22 meeting, advising that they would follow up with more details.
E-mail from Tribe to Jordan Cove and Pacific Connector	January 30, 2018	Tribal staff emailed applicants asking whether they could meet on February 7, 2018 to discuss business opportunities and community development.
E-mail from HRA to Tribe	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential RR4 responses that were submitted to FERC by applicants.
Emails between Jordan Cove, Pacific Connector, and Tribe	January 31 – February 6, 2018	Applicants emailed Tribal staff and attached the February 2018 Project Activity Update and 30-day notice for upcoming activities anticipated to begin during March 2018.
Emails between Jordan Cove, Pacific Connector, and Tribe	January 31 – February 1, 2018	Emails between applicants and Tribal staff to schedule a meeting focused on business development and community development.
Email from Pacific Connector to Tribe	February 8, 2018	Pacific Connector emailed Tribal staff attaching a map that provides additional clarity as to CBE-2a's proposed location. Also, after consultation with the SHPO, Pacific Connector confirmed they will pursue a state archaeology permit for this activity.
Email from Jordan Cove and Pacific Connector to Tribe	February 15, 2018	Applicants emailed Tribal staff to follow up on a voicemail left, confirming availability to meet.
E-mail from HRA to Tribe	February 22, 2018	HRA emailed Tribal staff, copying Pacific Connector, providing the research design that will accompany a SHPO archaeological permit for the proposed CBE-2a geotechnical bore.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Meeting between Jordan Cove, Pacific Connector, Consultants, and Tribe	March 20, 2018	Applicants meeting with Tribal Staff and HRA to listen to Dr. Davis and Bruce Moore's presentation on archaeological survey results on Phase 1 and next steps for Phase 2, and geotechnical timelines.
Emails between Pacific Connector and Tribe	March 27 – April 10, 2018	Emails to set up meeting to discuss pipeline.
E-mails between HRA and Tribe	April 18, 2018	HRA emailed Tribal staff that HRA has been notifying Cassandra Rippee of all cultural resource survey work occurring between pipeline MP 0.00 and MP 71.00. HRA asked Tribal staff to clarify if this notification area should also be considered the boundary of Coquille territory.
Emails between Jordan Cove, Pacific Connector, and Tribe	April 20, 2018	Applicants emailed Tribal staff to confirm a meeting on May 29, 2018 to introduce new team members and discuss the proposed pipeline. Tribal staff confirmed .
Email from Jordan Cove to Tribe	April 30, 2018	Jordan Cove emailed Tribal staff, attaching the May 2018 Project Activity Update, and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribe	May 4, 2018	HRA emailed Tribal staff advising that they had verified with the Pacific Connector Land Agents that HRA has permission to conduct Phase I survey centerline and the access roads for Pacific Connector in Coos and Jackson Counties. HRA asked Tribal staff if they would like to provide a monitor for this work.
E-mail from HRA to Tribe	May 4, 2018	HRA emailed Tribal staff noting that HRA had been asked by applicant to submit the 2018 Addendum report to the SHPO and Tribes.
E-mail from HRA to Tribe	May 4, 2018	Tribal staff emailed HRA and copied applicants, advising HRA that electronic copy of the 2018 addendum report will suffice.
E-mail from HRA to Tribe	May 8, 2018	HRA emailed Tribal staff attaching a digital copy of the Pacific Connector 2018 Addendum 1 report provided for Tribal staff's review.
Phone Call between Jordan Cove, Pacific Connector, and Tribe	May 14, 2018	Phone call with Coquille Tribal staff to discuss monitoring arrangements for the week's planned field work.
Email from Jordan Cove and Pacific Connector to Tribe	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering the opportunity to discuss his transition into this role.
Emails between Jordan Cove, Pacific Connector, and Tribe	May 29, 2018	Emails between applicants and Tribal staff to discuss meeting logistics.
Meeting between Jordan Cove Pacific Connector, HRA, and Tribe	May 29, 2018	Meeting between applicants, Tribal Staff, and HRA to discuss Tribal engagement, regulatory update, archaeological and Tribal coordination, and environmental and engineering/geotechnical work.
Email from Jordan Cove and Pacific Connector to Tribe	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 2 – 5, 2018	Applicants emailed Tribal staff advising that the geotechnical boring crew will be finishing up their work in Douglas County and should be able to secure landowner access to the Coos County locations the following week. Tribal staff were asked to contact applicants if they would like a monitor present, and if they had any concerns. Tribal staff emailed, noting they were working to confirm a monitor. Applicants emailed Tribal staff with an update on Geotech schedule and confirmed HRA would have a monitor for the duration of the borings.
Email from Jordan Cove and Pacific Connector to Tribe	June 4, 2018	Email from applicants to Tribal staff following up regarding discussion during the May 29, 2018 meeting, and Tribal staff's request for site visits to discuss some areas of cultural importance to the Tribe.
Email from Pacific Connector to Tribe	June 5, 2018	Pacific Connector emailed Tribal staff and HRA advising of an update for the upcoming Pacific Connector geotechnical work slated for this week.
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 6 – 7, 2018	Email from applicants to Tribal staff to advise of delays in geotechnical work, and revised mobilization to Coos County sites. Applicants asked Tribal staff to let them know if there were any issues with providing a monitor.
Email from Jordan Cove and Pacific Connector to Tribe	June 11, 2018	Email from applicants to Tribal staff and HRA, noting that approval had been received from the private landowner for archaeological investigations to identify and test reported archaeological deposits on North Point. Applicants proposed another conference call to discuss a summary of the archaeological work that had been performed recently, updates for the work planned to occur soon, and to discuss any concerns.
Email from Jordan Cove and Pacific Connector to Tribe	June 12, 2018	Applicants emailed Tribal staff advising the geotech drill crew have completed work for the day and future schedule. Request for Tribal Monitor.
Email from Jordan Cove and Pacific Connector to Tribe	June 14, 2018	Applicants emailed Tribal staff attaching the fish salvage plan that was requested in the May 29, 2018 meeting.
Email from Jordan Cove and Pacific Connector to Tribe	June 14, 2018	Applicants emailed the Tribal Chairwoman, formally extending an invitation to Tribal leadership to meet with senior leaders from applicants.
E-mail from HRA to Tribe	June 15, 2018	HRA emailed Tribal staff, copying applicants, attaching GIS data with the mileposts for Pacific Connector Project.
E-mail from Tribe to Jordan Cove, Pacific Connector, and HRA	July 4, 2018	Email from Tribal staff to applicants and HRA asking for specific dates of field work for both the pipeline and Facility as soon as possible so that monitors could be arranged.
Email from Jordan Cove and Pacific Connector to Tribe	July 8, 2018	Applicants emailed Tribal staff following up on their June 14, 2018 email asking whether Tribal leadership has had a chance to discuss applicants' invitation to meet.
Email from Pacific Connector to Tribe	July 11, 2018	Email from Pacific Connector to Tribal staff noting HRA's schedule and work plan to investigate potential cultural deposits within the Pacific Connector proposed construction ROW on North Point..
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 11, 2018 to July 12, 2018	Emails between applicants and Tribal staff discussing HRA's planned work on the two reported sites referenced in applicants' July 11, 2018 email, and on planned fieldwork on the fish weirs. Tribal staff agreed to work to schedule monitors.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 16, 2018	Emails between applicants and Tribal staff discussing the details of upcoming work starting July 24.
Meeting between Jordan Cove, Pacific Connector, and Tribe	July 22, 2018	Applicants senior leadership met the Chief of the Coquille Tribe at an informal meeting to, discuss the proposed project.
E-mail from Tribe to Jordan Cove and Pacific Connector	July 27, 2018	Tribal staff emailed applicants thanking them for their email and asking if training will be in lieu of the work that was occurring, as Tribal staff would like to have a monitor available for the work.
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 27 – August 15, 2018	Emails between applicants and Tribal staff about geotechnical work, samples, monitor participation and schedule, as well as update emails while work was in progress. A detailed update and additional information related to questions that Tribal staff had raised about upcoming geotechnical work, monitor training, and safety requirements on site was discussed.
Email from Jordan Cove and Pacific Connector to Tribe	August 9, 2018	Email from applicants to Tribal staff providing information requested in lieu of a Tribal monitor being present on August 8, 2018,
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 13, 2018	Emails between applicants and Tribal Chief to arrange a phone conversation.
Phone call between Jordan Cove, Pacific Connector, and Tribe	August 13, 2018	Phone call from applicants to Tribal Chief to confirm a meeting over a fishing trip on August 26, 2018.
E-mail from Tribe to Jordan Cove and Pacific Connector	August 20, 2018	Email from Tribal Chief to applicants advising that they could not make a phone call today as their phone was being repaired. Call rescheduled.
E-mail from Tribe to Jordan Cove and Pacific Connector	August 21, 2018	Email from Tribal Chief to applicants advising Tribal Council was unavailable to attend a fishing trip, and that they were precluded from accepting gifts from individuals or organizations with whom the Tribe has no formal relations. Invitation to applicants to meet with council in mid-late September for formal introductions.
Email from Jordan Cove and Pacific Connector to Tribe	August 21, 2018	Applicants emailed Tribal Chief thanking them for the email and confirming that applicants would like to attend a Tribal Council meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 23, 2018	Applicants emailed Tribal staff, noting that they were still working on a written response to the questions sent to the applicant by the Coquille Tribe. Applicants advised they now had more resources, including hiring of a Tribal Affairs Manager and another resource to help on the Section 106 process and will be working closely with the Cultural Resource Coordinator and HRA.
E-mails between Jordan Cove, Pacific Connector, HRA, and Tribe	August 23 – 24, 2018	Applicants and HRA provided further details about HRA's work at the ODOT property, including location direction, and meeting times. Details also provided about work on BLM property. Emails between Tribal staff and HRA about monitor coverage.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 27, 2018	Email from applicants to Tribal staff to confirm and clarify the adjustment being made to monitors at the Tribal site. Tribal staff confirmed they would coordinate with each other to ensure alignment.
Cow Creek Band		
Letter from Pacific Connector to Tribe	April 27, 2017	Pacific Connector requested tribal review of research design.
Email from HRA to Tribe	August 16, 2017	Requested information from Tribal database on cultural resources.

Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Email from HRA to Tribe	September 15, 2017	Discussed schedule for cultural resources surveys along Pacific Connector pipeline route.
Pacific Connector sent materials to the Tribe	October 5, 2017	Pacific Connector provided copy of its application to the FERC, resource reports, and cultural resources reports.
HRA sent notification to Tribe	October 26, 2017	Notice of upcoming testing at archaeological sites 35DO1495 and 35KL4330.
Pacific Connector sent materials to Tribe	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Pacific Connector met with Tribal representatives	December 1, 2017	Site visit with Tribe and Forest Service to discuss sensitive cultural area and potential for re-route.
Pacific Connector met with Tribe	December 5, 2017	Pacific Connector met with Tribal Board to give a project update and answer questions.
Pacific Connector met with tribal representatives	January 24, 2018	Discussed Project status, survey activities, and programs for business, procurement, and training opportunities with the Project.
Ongoing communications	Ongoing	Informal communications via e-mails and phone calls with regarding cultural resources along the proposed pipeline route; cost reimbursement agreements for Tribal monitoring; survey methods and results; survey completion and progress; previous filings involved; and teleconferences on Phase II methodology. All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribe	January 24, 2018	Meeting between Tribal staff, HRA and applicants to discuss wetland delineation, emergency response planning, regulatory and legal updates, as well as Jordan Cove's history, Tribal engagement pillars, and economic development opportunities. Applicants offered a meeting with engineering to review construction and mapping of pipeline activities.
E-mail from Jordan Cove and Pacific Connector to Tribe	January 25, 2018	Applicants emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
E-mail from Jordan Cove and Pacific Connector to Tribe	January 30, 2018	Applicant emailed Tribal staff to follow up on the letter sent by the Tribe with feedback on the UDP and other comments on the RR4s. Applicant provided Appendix F from the previous iteration of the project (FEIS 2015) that outlines the BLM and forest service mitigation project.
E-mail from HRA to Tribe	January 30, 2018	Email from HRA to Tribal staff providing Privileged and Confidential Resource Report 4 responses that were submitted to FERC by applicants.
E-mails between Jordan Cove, Pacific Connector, and Tribe	January 31 – February 6, 2018	Applicants emailed Tribal staff and attached the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018. Discussion via email to answer questions about the work and planned testing activities.
E-mail from Pacific Connector to Tribe	February 8, 2018	Pacific Connector emailed Tribal staff attaching a map that provides additional clarity as to CBE-2a's proposed location. Also, after consultation with the SHPO, Pacific Connector confirmed they will pursue a state archaeology permit for this activity.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Letter from Tribe to Jordan Cove and Pacific Connector	February 28, 2018	Cow Creek Band sent letter to applicants acknowledging meeting on December 4, 2017, outlining concerns and highlighting how the Tribe and applicants could work together to resolve these concerns if the Project received regulatory approval to proceed.
E-mail from Jordan Cove and Pacific Connector to Tribe	March 1, 2018	Applicants emailed Tribal staff, attaching the March 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribe	March 2, 2018	Email from applicants to Tribal staff inquiring on status of letter of direction discussed at January 24, 2018 meeting, and confirming meeting in March.
E-mail from HRA to Tribe	March 6, 2018	HRA emailed Tribal staff advising that all Phase I survey areas had been identified and provided a link to a map showing all remaining Phase I cultural survey for the entire Pacific Connector Project.
E-mail from Tribe to Jordan Cove and Pacific Connector	March 7, 2018	Email from Tribal staff to applicants attaching letter and noting that it was sent via registered mail. Letter was dated February 28, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribe	March 18, 2018	Email from applicants to Tribal staff noting currently reviewing February 28, 2018 letter.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 1, 2018	Applicants emailed Tribal staff, attaching the April 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribe	April 1, 2018	HRA emailed Tribal staff notifying of planned survey work on private property in Douglas County and BLM-Roseburg District Lands.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 9, 2018	Email from applicants advising that a response letter dated April 9, 2018 had been sent, and proposing meeting dates for May.
E-mails between Jordan Cove, Pacific Connector, and Tribe	April 18 – 19, 2018	Emails between applicants and Tribal staff to reschedule meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 30, 2018	Email to Tribal staff attaching the May 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribe	May 4, 2018	HRA emailed Tribal staff and applicants advising that they had verified with Pacific Connector Land Agents that HRA has permission to conduct Phase I survey of centerline and the access roads for Pipeline in Coos and Jackson Counties.
E-mail from HRA to Tribe	May 4, 2018	HRA emailed Tribal staff to advise that they have been asked by the applicants to submit 2018 Addendum report to the SHPO and Tribes.
E-mail from Tribe to HRA	May 5, 2018	Tribal staff advised that HRA should send an electronic copy of the Addendum report.
E-mails and telephone calls between Jordan Cove, Pacific Connector, and Tribe	May 7 – 11, 2018	Emails and phone calls between applicants and Tribal staff to establish meeting on June 7, 2018. Items to discuss would include permitting updates for State and Federal; environment, engineering, archaeological slide decks; High level information regarding concerns and requests in the Letter of Direction; and further discussion to be had with both leadership teams.
E-mail from HRA to Tribe	May 8, 2018	HRA emailed Tribal staff and applicants attaching a digital copy of the Pacific Connector 2018 Addendum 1 report for Tribal staff review.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribe	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
E-mails between Jordan Cove, Pacific Connector, and Tribe	May 28 – 31, 2018	Emails between applicants and Tribal staff about June 7, 2018 meeting. Draft meeting agenda provided by applicants with request for Tribal staff to review and provide additional meeting content as needed.
E-mail from Jordan Cove and Pacific Connector to Tribe	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribe	June 2, 2018	Applicants emailed Tribal staff and copied HRA attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Tribal staff are to contact applicants if they would like to coordinate a monitor or if they have any concerns.
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 4 – 6, 2018	Emails between applicants and Tribal staff about agenda and meeting topic finalization. Letter with formal request for leader to leader meeting.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribe	June 7, 2018	Meeting between applicants, HRA, and Cow Creek staff to introduce new personnel. HRA provided an overview of cultural resources associated with the pipeline portion of the Project. Applicants provided an update on permitting activities. Project specific questions and information about HDD design and execution, construction methodologies, pipeline monitoring and emergency response and environmental mitigations.
E-mail from Jordan Cove and Pacific Connector to Tribe	June 11, 2018	Applicants emailed Tribal staff, attaching the current version of the UDP as discussed at the meeting on June 7, 2018.
E-mail from HRA to Tribe	June 15, 2018	HRA emailed Tribal staff and applicants, attaching requested GIS data with the mileposts for the Pacific Connector pipeline.
Meeting between Pacific Connector and Tribe	June 15, 2018	Applicant staff met Tribal staff in response to request for a field meeting to discuss Tribal concerns related to the pipeline route.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 18, 2018	Email from applicants with letter attached requesting a meeting between Tribal leadership and applicants' senior leadership.
E-mail from Tribe to Pacific Connector and HRA	July 10, 2018	Email from Tribal staff to HRA and applicants about potential activities on the pipeline, particularly in conjunction with the proposed Geotechnical boring in Butte Falls associated with SHPO AP #2533.
E-mail from HRA to Tribe	July 12, 2018	Email from HRA to Tribal staff and applicants, indicating that the work associated with AP #2533 is dependent on the geotechnical crew's schedule, and that current understanding was for this work to start mid-August.
E-mail from Pacific Connector to Tribe	July 12, 2018	Applicants confirm HRA email and plans to mobilize for a bore in Klamath County and MP 132 during the week of August 20th.
E-mail from Tribe to Jordan Cove and Pacific Connector	July 16, 2018	Email from Tribal staff communicating that they were still working with Chairman to schedule a time for a leadership meeting.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribe	July 19, 2018	Email from applicants to Tribal staff following up on meeting date.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 30 – 31, 2018	Email from applicants' Tribal Affairs Manager introducing herself and stating she understood Tribal staff were working on schedules for a meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.
Phone Call from Jordan Cove and Pacific Connector to Tribe	August 9, 2018	Phone call from applicants' senior leadership to Tribal leadership asking for a conversation about future meeting.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 10, 2018	Emails between Tribal staff and applicants regarding a proposed September 26 meeting date.
E-mail from Pacific Connector to Tribe and HRA	August 13, 2018	Applicants emailed Tribal staff and HRA advising that that the geotechnical bore planned for MP 132.5 has been delayed.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 21 – 22, 2018	Emails between Tribal staff and applicants regarding a meeting date in October, and the direction that the Chairman would like the meeting to be with the full Board.
E-mail from Pacific Connector to Tribe and HRA	August 30, 2018	Email from applicants to Tribal staff, attaching previously discussed GIS data for the Pipeline right of way.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Fort Bidwell Paiute Tribe		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Fort Bidwell Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 8, 2018	Email copy of Registered mail dated July 30, 2108 sent to Fort Bidwell Tribe Chairman.
Phone call from Jordan Cove and Pacific Connector to Tribe	August 27, 2018	Applicants phone call to Fort Bidwell Tribal Office to ask for a contact in Natural Resources department or land department. Tribal Office advised that registered mail was the main way communications came in and out of the Tribe, that email doesn't work and most phone lines were down.
Grand Ronde Tribes		
Letter from Pacific Connector to Tribes	April 27, 2017	Pacific Connector requested Tribal review of research design.
Email from HRA to Tribes	August 16, 2017	Requested information from tribal database on cultural resources.
Email from HRA to Tribes	September 21, 2017	Discussed Pacific Connector Pipeline Project.
Pacific Connector met with tribal representatives	September 21, 2017	Provided project update to Cultural Resources Director and tribal administrative staff.
Email from HRA to Tribes	September 27, 2017	Discussed the scheduling of regular calls to update the Tribes about the progress of Pacific Connector's cultural resources investigations.
Communications between Ethnographer and Tribes	September – December 2017	Input sought on informal basis by Ethnographer regarding communication methods and traditional land resource uses.
Pacific Connector sent materials to the Tribes	October 5, 2017	Pacific Connector provided copy of its application to the FERC, resource reports, and cultural resources reports.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
HRA sent notification to Tribes	October 26, 2017	Notice of upcoming testing at archaeological sites 35DO1495 and 35KL4330.
Pacific Connector sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
HRA provided materials to Tribes	November 6, 2017	Sent cultural resources survey GIS data.
Communication between HRA and Tribes	November 8, 29 and December 13, 2017; and January 3, 2018	HRA held calls with Grand Ronde Historic Preservation Office on survey schedules and methodologies for the pipeline.
Pacific Connector met with Tribes	January 25, 2018	Applicants met with Grand Ronde Historic Preservation Office to discuss Project status, survey activities, and programs for business, procurement, and training opportunities with the Project.
Ongoing communications	Ongoing	All survey and Phase II evaluation reports delivered for work undertaken through January 23, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Email to Tribal staff advising that applicants provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter. Any issues can be addressed directly with applicant.
Meeting between Jordan Cove, Pacific Connector, and Tribes	January 25, 2018	Meeting between applicants and Tribal staff to provide a compendium of cultural surveys and sites.
Meeting between Pacific Connector, HRA, and Tribes	January 25, 2018	Pacific Connector, HRA and Tribal staff met to discuss concerns about a water body crossing between KP 50-175. Applicants provided an overview of its new parent corporation. Mitigation resource solutions were discussed.
E-mail from HRA to Tribes	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by Applicants.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 31 – February 6, 2018	Email to Tribal staff attaching the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018. Discussion via email to answer questions about the work and planned testing activities.
Phone call between HRA and Tribes	February 7, 2018	Bimonthly telephone call between HRA and Tribal staff regarding cultural survey and Project updates.
E-mail from Pacific Connector to Tribes	February 8, 2018	Email to Tribal staff attaching a map that provides additional clarity as to CBE-2a's proposed location. Also, after consultation with the SHPO, Jordan Cove confirmed it will pursue a state archaeology permit for this activity.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Email to Tribal staff, attaching the March 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribes	March 6, 2018	HRA emailed Tribal staff advising that all Phase I survey areas had been identified and provided a link to a map showing all remaining Phase I cultural survey for the entire Pacific Connector Project based on the FERC filed route in September 2017. Depending on landowner access, applicant may survey these locations in 2018.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from HRA to Tribes	March 9, 2018	HRA emailed Tribal staff thanking them for the telephone conversation of March 7, 2018. HRA had verified with the Pacific Connector Land Agents that Pacific Connector has permission to survey the access roads for Pacific Connector between March 21 and 23, 2018. HRA asked Tribal staff to confirm if they will provide a monitor for this work.
E-mail from HRA to Tribes	April 1, 2018	HRA emailed Tribal staff notifying of planned survey work on private property in Douglas County and BLM-Roseburg District Lands. Tribal staff to advise HRA if they would like to provide a monitor.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 20, 2018	Email to Tribal staff proposing meeting on May 31, 2018 to introduce new team members and follow up on the discussion topics from January 25, 2018 meeting. Applicants proposed also discussing economic development opportunities, project updates and listening to any to new concerns and suggestions that Confederated Tribes of Grand Ronde may have regarding the Project.
E-mail from Tribes to Jordan Cove and Pacific Connector	April 24, 2018	Tribal staff emailed applicants thanking them for following up on previous meeting and advising that the Confederated Tribes of Grand Ronde is looking forward to meeting new applicants team members. Confirmed new meeting date.
E-mail from Tribes to Jordan Cove and Pacific Connector	April 24, 2018	Tribal staff emailed applicants advising of absences from the office in June to facilitate scheduling a meeting.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Applicant emailed Tribal staff, attaching the June 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mails between Jordan Cove, Pacific Connector, and Tribes	May 4 – June 13, 2018	Various emails between applicants and Tribal staff to set a meeting date, items for discussion and attendees.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff and copied HRA attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Tribal staff are to contact applicants if they would like to coordinate a monitor or if they have any concerns.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribes	June 14, 2018	Applicants, HRA and Tribal staff met to introduce new applicant staff, present a federal and state permitting status update, the HDD and DP design, and the Pacific Connector Gas Pipeline waterbody crossing methods. Applicants and HRA answered specific questions from Tribal staff.
E-mail from HRA to Tribes	June 15, 2018	HRA emailed Tribal staff copying applicants, attaching GIS data with mileposts for the Pacific Connector Gas Pipeline.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Tribes to Jordan Cove and Pacific Connector	July 13, 2018	Tribal staff emailed applicants to ask about obtaining a copy of the PowerPoint presentation that was shared during the June 14, 2018 meeting.
E-mails between Jordan Cove, Pacific Connector, HRA, and Tribes	July 16 – 17, 2018	Various emails between Tribal staff, HRA and applicants about the Tribe's objection to SHPO Permit AP 2533, and finding a time for a meeting to discuss further.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 16, 2018	Applicants provided the June 14, 2018 presentation to Tribal staff.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 17, 2018	Applicants emailed noting changing availability for HRA and asking about meeting schedule. Applicants attached their letter sent to the SHPO and their response letter regarding this permit.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.
E-mail from Pacific Connector to Tribes	August 13, 2018	Applicants emailed Tribal staff and copied HRA confirming that a path forward was identified to address Tribal staff's concerns about the SHPO permit for MP 132.5. HRA is adding the additional information as discussed to the SHPO permit.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 13, 2018	Applicants emailed Tribal staff from Coquille, CTCLUSI and Grand Ronde, providing information regarding processing of samples.
Phone call between HRA and Tribes	August 22, 2018	HRA had a phone call with Tribal staff to discuss upcoming work schedules, and HRA's memo about the August 7 meeting and discussion about the proposed geotechnical bore at Site 35JA670/684.
E-mail from Pacific Connector to Tribes	August 30, 2018	Provision of GIS data for pipeline right of way, as previously requested by Tribal staff.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Letter from Tribes to Pacific Connector	September 25, 2018	Tribes' comments on the concept of a Cultural Resources Working Group.
Letter from Tribal Historic Preservation Office to Pacific Connector	December 14, 2018	Comments on the draft HPMP.
Hoopa Valley Tribe		
Letter from Jordan Cove and Pacific Connector to Tribes	July 30, 2018	Registered mail dated July 30, 2018 to Hoopa Valley Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Phone call from Jordan Cove and Pacific Connector to Tribes	August 1, 2018	Voicemail left with Hoopa Valley Tribe Administration inquiring about an email address for Chairman.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 8, 2018 to August 9, 2018	Email sent to Administration following up on voicemail. Administration provided Chairman's email.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 9, 2018	Email copy of Registered mail dated July 30, 2108 sent to Hoopa Valley Tribe Chairman.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 27, 2018	Email from applicants to Tribal Land Management team following up on letter sent to Chairman, asking whether Tribe had a chance to discuss the letter from applicants and whether a date could be found for an introductory meeting.
Karuk Tribe		
Meeting with Jordan Cove, Pacific Connector, FERC, and Tribe	July 18, 2018	Staff participated in FERC consultation with Karuk Tribe.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Karuk Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of July 30, 2018 Registered mail sent from applicants to Karuk Tribe Chairman.
E-mails and phone call between Jordan Cove, Pacific Connector, and Tribe	August 27, 2018 to August 28, 2018	Email from applicants to Karuk Tribal staff to follow up on July 30, 2018 letter. Phone call from Chairman of Karuk Tribe to applicants to confirm appropriate contacts to set up meeting. Emails exchanged between applicants and Tribal staff to schedule meetings with the Karuk Resources Advisory Board and Tribal Council.
Klamath Tribes		
Letter from Klamath Tribes to Jordan Cove	April 3, 2017	The Tribes are willing to meet with Applicants, SHPO, FERC, and other agencies. The Tribes oppose the Project, which cross traditional territory, may impact significant cultural resources including villages and graves, and would cross the Klamath and Rogue Rivers.
Letter from Pacific Connector to Tribes	April 27, 2017	Pacific Connector requested Tribal review of research design.
Email from HRA to Tribes	August 16, 2017	Requested information from Tribal database on cultural resources.
Pacific Connector met with Tribes	September 20, 2017	Met with FERC Project Manager and Tribal Council to listen to concerns and answers questions.
Communications between Ethnographer and Tribes	September – December 2017	Input sought on informal basis by Ethnographer regarding communication methods and traditional land resource uses.
Pacific Connector sent materials to Tribes	October 5, 2017	Pacific Connector provided copy of its application to the FERC, resource reports, and cultural resources reports.
Email from HRA to Tribes	October 9, 2017	Request for discussion of methodology concerns raised during October 5, 2017 meeting. Telephone follow-up requests October through December at regular intervals.
Pacific Connector sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Email from HRA to Tribes	November 3, 2017	Advance notice of testing at site 35KL4330.
Email from HRA to Tribes	December 6, 2017	Request discussion of concerns with cultural resource survey and methodology.
Email from HRA to Tribes	January 19, 2018	Request for meeting to discuss cultural resources survey methodologies and 2018 fieldwork schedule for pipeline route in Klamath County. Request for meeting to discuss potential for business, training, and procurement opportunities with the Project.
Ongoing communications	Ongoing	Requests for input and feedback on potential cultural sites and on tribal monitoring. All survey and Phase II evaluation reports delivered for work undertaken through January 23, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Applicant emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over pre-construction investigations and concerns over the sufficiency of the communications.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribes	January 30, 2018	Applicants emailed Tribal staff, following up on January 29 voicemails that had been exchanged, providing project update, overview of the staffing resources with Pembina; and copies of the letters submitted by CTCLUSI and Grand Ronde to FERC and applicants' response to the CTCLUSI letter.
E-mails between Jordan Cove, Pacific Connector, and Tribes	January 30, 2018	Tribal staff emailed applicants with comments on the UDP and correcting contact information. Applicants emailed Tribal staff noting that they would include requested change and asking for additional input.
E-mail from HRA to Tribes	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by applicants.
E-mails between Jordan Cove, Pacific Connector, and Tribes	January 31 – February 6, 2018	Email to Tribal staff attaching the February 2018, Project Activity Update and 30-day notice for an upcoming activity anticipated to begin during March 2018. Discussion via email to answer questions about the work and planned testing activities.
E-mail from Pacific Connector to Tribes	February 8, 2018	Email to Tribal staff attaching a map that provides additional clarity as to CBE-2a's proposed location. Also, after consultation with the SHPO; confirmed a state archaeology permit will be obtained for this activity.
Phone Call from Tribes to Jordan Cove and Pacific Connector	February 26, 2018	Phone call from Tribal staff to applicants advising applicants to contact the Chairman of the Klamath Tribes to set up a meeting.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Email to Tribal staff, attaching the March 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribes	March 6, 2018	HRA emailed Tribal staff advising that all Phase I survey areas had been identified and provided a map showing all remaining Phase I cultural survey for the entire Pacific Connector Project. Based on landowner access applicant may survey these locations in 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 21, 2018	Applicants sent a letter to the Tribal Council Chairman as an introduction to new staff and requested a follow-up meeting to further discuss the Project details and begin to understand the Tribes' project concerns.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 1, 2018	Email to Tribal staff, attaching the April 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 27, 2018	Applicants emailed Tribal Council Chairman following up on March 21, 2018 letter and expressing interest in a meeting with Tribal leadership to introduce applicants and understand the Klamath Tribes' perspective on the Project.
E-mail from HRA to Tribes	April 27, 2018	HRA emailed Tribal staff noting that the Pacific Connector Gas Pipeline maps requested during a telephone call with HRA can be accessed through a provided link. HRA also included the status of cultural survey so Tribal staff can see where additional survey work is needed.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Email to Tribal staff, attaching the May 2018 Project Activity Update and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribes	May 1, 2018	HRA emailed Tribal staff, copying applicants, with requested word document lists of previously recorded archaeological sites.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Tribes to HRA	May 1, 2018	Tribal staff emailed HRA thanking them for their help with the site numbers.
Phone call from Jordan Cove and Pacific Connector to Tribes	May 3, 2018	Applicants called Tribal Council Chairman and left a voice message requesting a meeting and following up on email of April 27, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
Phone call between Jordan Cove, Pacific Connector, and Tribes	May 23, 2018	Phone call between applicants and Tribal Council Chairman.
Phone call between Jordan Cove, Pacific Connector, and Tribes	May 24, 2018	Phone call between applicants and Tribal Council Chairman. Tribal issues generally discussed, including concerns about Project. Agreement for applicants to send letter to Tribal Council Chairman to present to Council.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 25, 2018	Applicants emailed a letter to Tribal Council Chairman, further to May 24, 2018 conversation. Letter requested a leadership meeting between Tribal and applicants' leadership; Offered to host one or more Tribal open houses in respect of the Project; Solicited feedback on how tribe would like to be engaged with and consulted by applicants; and provided background information on applicants.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff and copied HRA attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Tribal staff are to contact applicants if they would like to coordinate a monitor or if they have any concerns.
E-mail from Tribes to Jordan Cove and Pacific Connector	June 5, 2018	Email from Tribal Council Chairman to applicants advising that that the Klamath Tribes will address applicants' request from May 25, 2018 letter at the next Tribal Council meeting scheduled for June 13, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 6, 2018	Applicants emailed Tribal Chairman, copying Tribal Council, thanking the Chairman for the email.
Phone call between Jordan Cove, Pacific Connector, and Tribes	June 6, 2018	Phone call between applicants and Tribal Council Chairman. Chairman communicated that applicants' letter was on the June 13, 2018 Council agenda. Chairman expressed concern that there is nothing applicants can do to mitigate the Tribes' concerns, given their nature.
E-mail from Tribes to Jordan Cove and Pacific Connector	June 14, 2018	Email from Tribal Council Chairman, writing the Tribal Council acted by a formal motion to deny the Applicants' request to meet with the Council.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 19, 2018	Email from applicants to Tribal Chairman, thanking the Tribe for considering the request to meet and the offer to conduct open houses on the Project. Applicants will still provide Project updates and answer any questions the Tribe or Council may have.
E-mail from Tribes to Jordan Cove and Pacific Connector	June 20, 2018	Email from Tribal Council Chairman thanking applicants for the email and response.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribes	June 22, 2018	Applicants emailed Tribal Council Chairman to share an example of the support that the company offers Canadian First Nations.
E-mail from Pacific Connector to Tribes	June 29, 2018	Pacific Connector emailed Tribal staff attaching the Phase I survey plan that HRA was planning for July 10-19, 2018 within Klamath County.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 1, 2018	Applicants emailed Tribal Council Chairman information about the company's work on an Environmental Training Program for First Nations in Canada, and the opportunities it was offering.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 1, 2018	Applicants phoned Tribal Council Chairman to follow up on previous requests for a meeting. Chairman indicated that they were not interested in meeting with applicants given the Tribe's opposition to the Project. Applicants underlined that they would like to understand the Tribe's concerns about the Project.
E-mail from Tribes to Jordan Cove and Pacific Connector	August 1, 2018	Email from Tribal Council Chairman thanking applicants for the email.
Phone call between Jordan Cove, Pacific Connector, and Tribes	August 2, 2018	Applicants phoned Tribal Council Chairman to follow up on August 1, 2018 telephone conversation.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update. Tribal staff were encouraged to reach out directly to the applicant with any questions.
Phone call from Jordan Cove and Pacific Connector to Tribes	August 23, 2018	Applicants phoned Tribal Council Chairman several times advising them that senior leadership was in Klamath Falls and would like to set a meeting to discuss the Project. Phone calls were unreturned.
E-mail from Pacific Connector to Tribes	August 30, 2018	Pacific Connector emailed Tribal staff noting that HRA was planning cultural survey work within Klamath county related to the pipeline in September 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Letter from Klamath Tribes to Jordan Cove	December 3, 2018	Tribes decline to submit proposal to conduct ethnographic studies for the Projects
Letter from Jordan Cove to Klamath Tribes	December 20, 2018	Response to December 3 letter from Tribes. Company wishes to engage with the Klamath Tribes.
Modoc Tribe of Oklahoma		
E-mail from Tribe to Jordan Cove and Pacific Connector	April 4, 2018	Email from Modoc Tribe to applicants indicating interest in engaging on the Project, given its location within areas of cultural significance to the Modoc Tribe of Oklahoma
Phone call between Jordan Cove, Pacific Connector, and Tribe	April 5, 2018	Applicants phoned Modoc Tribe of Oklahoma, indicating applicants' interest in meeting and in beginning a relationship and learning more about each other. Modoc Tribe communicated that they have traditional lands in southern Oregon and northern California.
E-mail from Jordan Cove and Pacific Connector to Tribe	April 6, 2018	Applicants emailed Modoc Tribal staff to confirm conversation from April 5, and to confirm accuracy of summary.
E-mail from Tribe to Jordan Cove and Pacific Connector	April 6, 2018	Modoc Tribal staff confirmed accuracy of email and thanked applicants for the conversation.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mails between Jordan Cove, Pacific Connector, and Tribe	April 19, 2018	Applicants emailed Tribal staff noting that they were in the process of hiring additional resources for the project, and coordinating for meeting.
E-mails between Jordan Cove, Pacific Connector, and Tribe	June 13, 2018	Email from Tribal staff inquiring about scheduling a meeting. Applicants replied that they were finalizing the hire of a Tribal Affairs Manager, and that it would be best if she was at the meeting.
E-mail from Jordan Cove and Pacific Connector to Tribe	July 4, 2018	Email from applicants introducing new Tribal Affairs Manager and asking about the Tribe's availability for meeting.
Phone call between Jordan Cove, Pacific Connector, and Tribe	July 20, 2018	Call between applicants and Tribal staff to discuss meeting and agenda.
E-mails between Jordan Cove, Pacific Connector, and Tribe	July 26 – August 14, 2018	Emails to confirm meeting for August 21, 2018 in Miami, OK, agenda items and attendees.
E-mails between Jordan Cove, Pacific Connector, and Tribe	August 1, 2018	Email from applicants to provide email copy of a letter dated July 30, 2019 that was sent registered mail to the Modoc Tribe of Oklahoma's Chief. Tribal staff agreed to send the letter along to the Chief.
Meeting between Jordan Cove, Pacific Connector, and Tribe	August 21, 2018	Meeting between applicants, Tribal staff and Tribal Council, to provide an introduction to applicants, an update on the Project, and applicants' approach to working with Tribes. Discussion of project specific questions and opportunities for collaboration.
Siletz Tribes		
Letter from Pacific Connector to Tribes	April 27, 2017	Pacific Connector requested Tribal review of research design.
Email from HRA to Tribes	July 10, 2017	Schedule for conducting archaeological fieldwork along the Pacific Connector pipeline route in Coos County.
Email from HRA to Tribes	August 16, 2017	Requested information from Tribal database on cultural resources.
Communications between Ethnographer and Tribes	September – December 2017	Input sought on informal basis by Ethnographer regarding communication methods and traditional land resource uses.
Pacific Connector sent materials to Tribes	October 5, 2017	Pacific Connector provided copy of its application to the FERC, resource reports, and cultural resources reports.
Email from Pacific Connector to Tribes	October 10, 2017	Discussed borings for HDD under Coos Bay, including at North Point.
Pacific Connector sent materials to Tribes	October 2017 – January 2018	Monthly project updates and site activity 30-day notifications.
Ongoing communications	Ongoing	All survey and Phase II evaluation reports delivered for work undertaken up to January 23, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Applicants emailed Tribal staff advising that applicants had provided clarifications on the CTCLUSI letter dated January 22, 2018 regarding FERC jurisdiction over the pre-construction investigations and concerns over the sufficiency of the communications in the attached letter.
E-mail from Tribes to Jordan Cove and Pacific Connector	January 25, 2018	Email from Tribal staff to applicants, expressing concern over how seriously areas of cultural sensitivity were being taken by the applicants' understanding that not all the detailed information about culturally significant places was documented in a database, concerns about proposed geotechnical work, and concerns about the direct and indirect impacts from the Project.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from Jordan Cove and Pacific Connector to Tribes	January 25, 2018	Email from applicants to Tribal staff thanking them for the email and feedback and suggesting a meeting to discuss these concerns. Applicants will coordinate directly with Tribal staff to confirm a meeting date.
E-mail from Tribes to Jordan Cove and Pacific Connector	January 25, 2018	Tribal staff emailed applicants outlining appropriate attendees for a meeting, and that applicants should coordinate any discussion on a meeting date with these individuals.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 30, 2018	Email from applicant to Tribal to schedule February meeting to discuss concerns raised in the January 25, 2018 email; provide update on investigations and cultural surveys at the Coos Bay site and along the proposed pipeline route; introduce new applicant team members dedicated to tribal engagement; discuss the new parent company; and discuss communication protocols.
Email from HRA to Tribes	January 30, 2018	HRA emailed Tribal staff copying applicants with the Privileged and Confidential Resource Report 4 responses that were submitted to FERC by applicants.
E-mail from Jordan Cove and Pacific Connector to Tribes	January 31 – February 6, 2018	Applicants emailed Tribal staff and attached the February 2018, Project Activity Update and 30-day notice for upcoming activity. Discussion via email to answer questions about the work and planned testing activities.
E-mail from Pacific Connector to Tribes	February 8, 2018	Pacific Connector emailed Tribal staff attaching a map that provides additional clarity as to CBE-2a's proposed location. Also, after consultation with the SHPO, applicants confirmed they will pursue a state archaeology permit for this activity.
Phone call between HRA and Tribes	February 7, 2018	Telephone call between HRA and Tribal archaeological staff regarding bimonthly telephone call, to discuss cultural survey and Project updates..
E-mail from HRA to Tribes	February 22, 2018	HRA emailed Tribal staff and Pacific Connector attaching the research design that will accompany a SHPO archaeological permit for the proposed CBE-2a geotechnical bore.
E-mail from Jordan Cove and Pacific Connector to Tribes	March 1, 2018	Applicants emailed Tribal staff, attaching the March 2018 Project Activity Update for applicants, and confirming that notices would be provided 30 days prior to the start of work. Tribal staff were encouraged to reach out directly with any questions.
E-mail from HRA to Tribes	March 9, 2018	HRA emailed Tribal staff that HRA has verified with the Pacific Connector Land Agents that Pacific Connector has permission to survey access roads for Pacific Connector on private lands in Jackson County. HRA asked whether the Tribe would like to provide a monitor for this work.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 1, 2018	Applicants emailed Tribal staff, attaching the April 2018 Project Activity Update, and confirming that notices would be provided 30 days prior to the start of work.
E-mail from HRA to Tribes	April 1, 2018	HRA emailed Tribal staff advising that HRA has been asked to survey private property in Douglas County where Pacific Connector was granted access for a specific period by the landowners. HRA asked Tribal staff to let them know whether they would like to provide a monitor for this work.
E-mail from Jordan Cove and Pacific Connector to Tribes	April 30, 2018	Applicants emailed Tribal staff, attaching the May 2018 Project Activity Update.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
E-mail from HRA to Tribes	May 4, 2018	HRA emailed Tribal staff advising HRA has verified with the Pacific Connector Land Agents that HRA has permission to conduct Phase I survey of centerline and access roads for Pacific Connector in Coos and Jackson Counties. HRA asked Tribal staff to let her know if they would like to provide a monitor for this work.
E-mail from Jordan Cove and Pacific Connector to Tribes	May 21, 2018	Applicants' new Cultural Resources Coordinator emailed Tribal staff outlining the intent of his role, his responsibilities, and offering up the opportunity to discuss his transition into this role.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 1, 2018	Applicants' Cultural Resources Coordinator emailed Tribal staff noting that he would be taking over monthly activity updates from the previous applicant staff and attaching the June 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 2, 2018	Applicants emailed Tribal staff attaching the file for HRA's upcoming fieldwork planned for June 12 to 21, 2018. Applicants asked Tribal staff if they would like to provide a monitor for this work.
E-mails between Jordan Cove, Pacific Connector, and Tribes	June 2 – 5, 2018	Emails regarding Tribal monitors for upcoming work and logistics. Applicants emailed Tribal staff with an update that Geotech would start in Coos County at the two locations June 6, 2018, as current locations were taking longer than expected. Applicants confirmed HRA would have a monitor for the duration of the borings
E-mail from Tribes to Jordan Cove and Pacific Connector	June 6, 2018	Tribal staff emailed applicants advising they were still in Rogue Valley until June 8, 2018.
E-mail from Jordan Cove and Pacific Connector to Tribes	June 7, 2018	Email from applicants to Tribal staff to advise of delays in Geotechnical work, and revised mobilization to Coos County sites on June 8, 2018. Applicants asked Tribal staff to let them know if there were any issues with providing a monitor.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 2, 2018	Applicants emailed Tribal staff, attaching the July 2018 Project Activity Update.
E-mail from Jordan Cove and Pacific Connector to Tribes	July 8, 2018	Email from applicants to Tribal staff to follow up on whether Siletz Tribal leadership and staff would be open to an introductory meeting to talk about who applicant is, and to provide an update on the proposed Project.
E-mail from Tribes to Jordan Cove and Pacific Connector	July 8, 2018	Email from Tribal staff to applicants thanking them for their email and copying Tribal Council, advising that the Confederated Tribes of Siletz Indians is still trying to select meeting date.
E-mail from Pacific Connector to Tribes	July 11, 2018	Email from Pacific Connector to Tribal staff noting that HRA was planning fieldwork near North Point to investigate the possible presence of cultural deposits within the Pacific Connector proposed construction ROW. HRA submitted a SHPO permit (AP 2532) on June 18, 2018 detailing the planned investigations.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 2, 2018	Applicants emailed Tribal staff, attaching the August 2018 Project Activity Update.
Meeting between Jordan Cove, Pacific Connector, HRA, and Tribes	August 7, 2018	Applicants and HRA met with Tribal staff to discuss an objection Tribal staff put forth on a SHPO permit.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 8, 2018	Email from applicants to Tribal staff indicating that they were looking forward to meeting, and following up on July 8 email.

TABLE L-7 (continued)		
Communications Between Pacific Connector and Indian Tribes		
Action	Date	Responses/Comments
Hand Delivery of gift to Tribes from Jordan Cove and Pacific Connector	August 10, 2018	Applicants senior leadership sent Delores Pigsley a letter attaching traditional drum gift for the drumming group, and a traditional Hudson's Bay Blanket from applicants to Confederated Tribes of Siletz Indians for the Nesika Illahee Pow-Wow. These traditional gifts were delivered in person by applicants' staff.
E-mail from Pacific Connector to Tribes	August 13, 2018	Pacific Connector emailed Tribal staff advising that the Geotech bore at MP 132 has been delayed.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 29, 2018	Applicants emailed Tribal staff to follow up on the August 8, 2018 email.
E-mail from Jordan Cove and Pacific Connector to Tribes	August 31, 2018	Applicants emailed Tribal staff, attaching the September 2018 Project Activity Update.
Tolowa Dee-ni' Nation		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Tolowa Dee-Ni' Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of Registered mail dated August 1, 2108 sent to Tolowa Dee-Ni' Chairman.
Email from Jordan Cove and Pacific Connector to Tribe	August 27, 2018	Email to Tribal staff to follow up on July 30, 2018 letter.
Yurok Tribe		
Letter from Jordan Cove and Pacific Connector to Tribe	July 30, 2018	Registered mail dated July 30, 2018 to Yurok Tribe Chairman from applicants' Senior Vice President providing an introduction to applicants, a project update, and expressing interest in a face to face introductory meeting.
Email from Jordan Cove and Pacific Connector to Tribe	August 1, 2018	Email copy of registered mail dated July 30, 2108 sent to Yurok Chairman.

Brief History of Archaeological Studies in the Project Region

Archaeological investigations along the southwest Oregon coast began in 1870s with the work of A.W. Chase (1873) at sites at Coos Bay and the mouth of the Chetco River, and Paul Schumacher (1877) at the mouth of the Rogue River and Pistol River. In 1935, Joel Berreman of Stanford University conducted a survey of the Oregon coast in Curry County and returned in 1936-1937 to excavate a site at the mouth of Lone Ranch Creek (Berreman 1935, 1944). In the mid-1930s, amateur archaeologist Marcus Seale excavated at *D'anis* (35CS24), *Gahakite* (likely associated with 35CS317), and Tarheel. In the late 1930s, Kenneth Leatherman and Alex Krieger (1940) excavated K'amac'dan Village (35CS3) at Bullards Beach State Park, along the coast north of Bandon, and the Schwen Site (35CS16) in Coos County. Luther Cressman, of the University of Oregon, did salvage archaeology at burials on the south bank of the Rogue River near the town of Gold Hill in the early 1930s.

In the Klamath Basin, Cressman excavated the Narrows Site and the Cove Site in the 1930s and 1940s. Also in the 1940s, Cressman excavated Medicine Rock Cave and Kawumkam Springs Midden in the Klamath Lake area, and in the 1950s directed investigations at the John C. Boyle Dam on the upper Klamath River (Bowden et al. 2009).

Lloyd Collins (1953), one of Cressman's students from the University of Oregon, conducted archaeological surveys along the lower Coquille River and in the Coos Bay region in the early 1950s, recording 133 sites. Cressman (1953a, 1953b) excavated one of those sites in the early 1950s, the Bandon Sandpit Site (35CS5). In 1973, Ron Stubbs, of Southwestern Oregon Community College, excavated the Indian Bay Site (35CS30) on the South Slough of Coos Bay. Glen Hartman, representing the Coast Guard, tested a shell midden near Cape Arago in 1977 (Draper and Hartman 1979). Archaeologists from Oregon State University, in the late 1970s, conducted investigations in the vicinity of the Coos Bay area, including excavations at the Philpot Site (35CS1) near the mouth of the Coquille River, the Old Town Bandon Site (35CS43), and the Ross Site (35CS42) at Catching Slough (Draper and Barner 1978). Between 1974 and 1980, the Oregon Coastal Indian Archaeological Association and Oregon State University excavated the Umpqua-Eden Site, near the mouth of the Umpqua River (Ross and Snyder 1979).

In 1976, Richard Pettigrew (1978), of the University of Oregon, excavated the Looney Site (35DO13) on the headwaters of the Middle Fork Coquille River. Nearby, in the Camas Valley, Richard Hanes (1977), of the BLM, directed testing at Sites 35DO46 and 35DO48. Additional archaeological surveys were conducted in the Camas Valley in the 1980s by Thomas Connolly of the University of Oregon.

Several sites along the upper Rogue River drainage were tested in the 1960s in anticipation of the construction of the Lost Creek Lake Dam. Also near this dam, the Oregon State Museum excavated sites 35JA189 and 35JA190. The Oregon Department of Transportation (ODOT) sponsored excavations at site 35JA42 near the Applegate Dam.

In the past few decades, archaeological studies in southern Oregon have expanded upon the early work described above. That work is well described in Bowden et al. (2009) and summarized here. Modern archaeological studies focus on the relationship of environment and cultures as well as landscape changes.

On the coast, Don Whereat and Patricia Whereat Phillips of the CTCLUSI have contributed to a better understanding of prehistory in the region and Donald Ivy of the Coquille Tribe has led a comprehensive inventory of archaeological sites in the tribe's ancestral homelands. Federal agencies such as the FWS and BLM have also contributed by conducting ongoing cultural resource studies in the region. As a result of these collaborations and modern approach to archaeology, the Coquille River estuary is now one of the most well-understood estuaries in the Northwest with respect to archaeology and geologic history. Unfortunately, little work has been done in the upland portions of the southern Oregon coast. Surveys conducted for the Jordan Cove Energy Project represent the largest systematic survey ever to occur in Coos County.

Alternatively, inland in the Umpqua River Basin of Douglas County, recent work has focused on upland areas where more federally-managed lands are than in lowland river bottom areas. In this county, the most extensive work has been conducted by the USFS and the BLM, resulting in higher densities of known sites in the upland areas. Many of the prehistoric sites identified by studies in the Umpqua Basin have been located along historic trails in the uplands. However, ethnographic studies and archaeological studies that incorporate an analysis of traditional resource distributions suggest that residential sites and resource harvest and processing sites are more likely to occur at lower elevations.

Compared to other regions of the Project, less is understood of the prehistory of the Rogue River Basin in Jackson County. Recent regional work has been trying to remedy this, relying on the vast amount of data produced by early large-scale archaeological projects in the area. For instance, in the 1990s, Oregon State Museum of Anthropology published their work at sites 35JA189 and 35JA190 on the upper Rogue River and AINW published studies along a gas pipeline in the Cascade foothills near Bear Creek Valley. Even more recently, SOULA has conducted large-scale investigations in collaboration with the Medford District of the BLM as part of the Upper Rogue Valley Archaeology Project. The project focused on the western Cascades and is designed to provide a better context for understanding upland sites, develop management strategies, and raise public awareness regarding the negative effects of pot hunting and looting.

Similar to the Rogue River Basin, the Upper Klamath Basin in Klamath County, as had a limited amount of archaeological investigation in recent decades, with the bulk of study occurring prior to the 1980s. In the 1980s and 1990s, compliance projects for pipelines have allowed some large-scale archaeological study in the region. Other work in the region has been more small-scale and focused on timber sales, land exchanges, transportation projects, cell towers, and transmission lines. Site-specific archaeological studies have also been conducted by Richard Cheatham at the Williamson Bridge Site and the Beuksewas Village Site. Joanne Mack has also conducted excavations in the Upper Klamath River Canyon which have contributed to the development of a regional culture chronology.

Previous Overviews, Surveys, and Testing Completed for the Jordan Cove LNG Project

Jordan Cove's cultural resources contractors (Byram Archaeological Consultants [BAC] and Historical Research Associates [HRA]) communicated with relevant Indian tribes, did site file searches at the Oregon SHPO, and conducted literature reviews and archival research to identify previously recorded and unrecorded but reported archaeological sites within the APE for the LNG terminal and related facilities. Byram (2006b) noted the reported but unrecorded archaeological site lead labeled in the SHPO files as R1 north of the proposed South Dunes temporary workforce housing facilities, on the west site of North Slough in the vicinity of the historic communities of Dynamite and Cordes. This is also the location of the reported but unrecorded Coos Indian village of "*Q'alya*," and its related historic (ca. 1906) Indian cemetery; the reputed resting place of Annie Jordan "old lady Sprague" (Harrington 1942; Finnell 1978; Simmons 1984; Beckham 2015). HRA was unable to relocate the site of "*Q'alya*;" however, additional survey and testing in this area was recommended (Derr et al. 2017).

Based on ethnographic data, the reported Coos Indian village known as "*Quonatitch*" may have been situated around geographic Jordan Point. Archaeological surveys of the Coos Bay region conducted by Lloyd Collins of the University of Oregon in the early 1950s recorded two archaeological sites (35CS26 and 35CS27) on the North Spit.⁹ Site 35CS26 is a shell midden located on Jordan Point, on the east side of geographic Jordan Cove, south of the proposed South Dunes temporary workforce housing facilities. It is possible that 35CS26 is related to the Coos village of "*Quonatitch*." However, this site was not relocated during surveys conducted by BAC for Jordan Cove (Byram and Purdy 2007) and HRA for Pacific Connector (Bowden et al. 2009), with testing conducted at this location in 2013 having negative results (Ragsdale et al. 2013). Additional deep geoarchaeological testing in 2017 and 2018 in the vicinity of Jordan Point was also negative for cultural remains (Punke 2018).

According to Byram (2006a, 2006b), there is an unrecorded archaeological site lead (R5) in the SHPO files for a reported Native American village at the former Menasha-Weyerhaeuser mill location in the South Dunes area. There are anecdotal reports of burials being disturbed during construction of the Menasha mill. Beckham (2015) asserts that an Indian named "Ten Mile Tom" was interned in 1907 at the South Dunes cemetery. An archaeological survey (Byram and Purdy 2007) of the South Dunes area did not find any cultural deposits that can be associated with the Coos village of "*Quonatitch*" and its related Indian cemetery. Again, deep geoarchaeological testing by HRA in 2017 and 2018 in the South Dunes area was negative (Punke 2018).

The area of the Jordan Cove administration building, SORSC, and temporary Workforce Housing Complex at the South Dunes was once the location of the Menasha-Weyerhaeuser mill that operated between 1961 and 2003. Most of the mill buildings have been removed. This relatively modern industrial facility was recently recorded by HRA on behalf of Jordan Cove. They found an active railroad spur, a metal water tank, two concrete masonry unit buildings, two wastewater treatment/settling ponds, a mess hall, the water hypochlorination building, the Trans-Pacific Parkway Causeway over Coos Bay, associated asphalt roads and parking lots, the lagoon, and the PaciCorp Jordan Point electric substation still extant. HRA evaluated the mill site and causeway,

⁹ Site 35CS27 is located well southwest and outside the APE for the Jordan Cove terminal.

and the electric substation as being not eligible for the NRHP (Bowden et al. 2017). In a letter to the FERC dated September 24, 2018, the Oregon SHPO found the remains of the Menasha/Weyerhaeuser Mill to be not eligible for the NRHP. We agree.

Ward Tonsfeldt (2007) for the BLM recorded the remains of a 1939 COE railroad on the North Spit as archaeological site 35CS239, extending from the South Dunes area to the North Jetty. However, Byram (2006) and Byram and Purdy (2007) did not relocate the old COE railroad during their archaeological surveys of the South Dunes tract and Ingram Yard.¹⁰

The U.S. Coast and Geodetic Survey map of 1889 illustrated buildings on the north shore of geographic Jordan Cove that probably relate to the historic Jordan Ranch. James Jordan made cash entries for his ranch at Jordan Cove in 1866 and 1869 (Byram 2006a). The Jordans sold out to the Luse family about 1880 and moved to the Ten Mile Lake area. Near the location of the Jordan Ranch, HRA recorded archaeological site 35CS227, as a prehistoric shell midden and historic glass scatter, on the north shore of geographic Jordan Cove (Bowden et al. 2009). This was at the same location where Byram (2006b) identified reported site lead R3; the unrecorded Jordan Ranch and a possible native village. While BAC did not relocate site 35CS227 during the survey of Jordan Cove's utility corridor, monitoring of construction activities in this area was recommended (Byram and Shindruk 2012). In a filing with the FERC on November 2, 2018, Jordan Cove indicated it may conduct additional testing at site 35CS227 in 2019.

Jordan Cove proposes to use the property of Roseburg Forest Products for staging and laydown areas, haul roads, and the slurry and water return pipelines between the proposed dredged marine berth and the South Dunes. Byram (2006b) located the reported but unrecorded archaeological site lead R7 along the route for Jordan Cove's proposed haul road through the Roseburg Forest Products tract. Finnell (1978) reported a large Indian village on the Roseburg Forest Products parcel, including the remains of hearths and lithic artifacts that could be seen when winds blew through the sand dunes. While no archaeological remains were found in this area during BAC's survey, monitoring of ground-disturbing activities was recommended.

The Roseburg Forest Products wood chip facility was built in 1968 and is still currently in operation. HRA recently conducted an inventory of the Roseburg Forest Products facility and recorded a ship berth, loading tower, wood chip storage area, two warehouses, an office, maintenance shops, several outbuildings, a water suppression system shed, two water tanks, and an active railroad spur. HRA evaluated the Roseburg Forest Products facility as being not eligible for the NRHP (Bowden et al. 2017). In a letter to the FERC dated September 24, 2018, the Oregon SHPO concurred with the evaluation of the Roseburg Forest Products wood chip facility as not eligible for the NRHP. We agree.

The 1889 U.S. Coast and Geodetic Survey map also showed buildings associated with the historic Henderson Ranch east of Henderson Marsh, where the Jordan Cove LNG terminal would be located (Ingram Yard parcel). According to the U.S. Coast and Geodetic Survey, John Henderson had established his ranch on the North Spit by 1861. This land was purchased as cash entries by

¹⁰ Tonsfeldt characterized Segment 1 of the 1939 COE railroad across the South Dunes and RFP tract areas as "non-extant," as "Construction of the Weyerhaeuser mill and re-alignment of the railroad have obliterated the original resource." Likewise, Segment 2 of the old railroad route along the shore from the RFP tract across the Ingram Yard and past Henderson Marsh is also described as "non-extant," as "The original railroad grade on segment 2 is lost to re-construction, fill, and what appears to be the incursion of the bay."

Henderson between 1864 and 1870. The Hendersons sold their North Spit ranch to William Luse in 1872 (Beckham 2015).

Byram (2006b) mapped unrecorded site lead R6 on the east side of Henderson Marsh, within Jordan Cove's proposed marine slip. Ron Stubbs (1975) of Southwest Oregon Community College indicated that he had conducted surface surveys in the late 1960s on the edge of Henderson Marsh and found lithic chips and scrapers indicative of a Native American occupation in this area. This was near where BAC recorded site 35CS221.

Site 35CS221 was tested by the Southern Oregon University Laboratory of Anthropology (SOULA) in 2013 and 2014, including formal excavation units, auger probes, and machine trenches. The excavations found the remains of several structures, and associated artifacts, dated to the twentieth century, after the Henderson occupation of the ranch site. SOULA concluded that the artifacts and features uncovered during excavations at 35CS221 are not significant, and the site does not qualify for the NRHP. However, monitoring of construction in the site area by a professional archaeologist was recommended (Rose et al. 2014). This report has not yet been reviewed by the SHPO.

The 1860s Henderson Ranch extended to include the area of the proposed Port Laydown Site. Historically, the area of the Port Laydown Site also included the Jarvis Ferry house dating to the 1850s, and an 1889 quarantine station. These historic buildings were not relocated during cultural resources surveys of this area (Darby 2005; Byram and Purdy 2008).

The McCullough Bridge, which crosses Coos Bay north of the North Point of North Bend and the Glasgow Peninsula, was built in 1936, and is listed on the NRHP. It is north of the APCO sites and south of the proposed improvements to Highway 101 at the intersection with the Trans-Pacific Parkway Causeway. The bridge should be avoided by the Project.

On the south side of the McCullough Bridge, at the North Point in North Bend, in the vicinity of the APCO sites, there is previously recorded site 35CS24 (Collins 1951), that may be related to the Coos village of "*D'anis*," which included burials. This site was tested in 1933 by Alice and Joe Maloney in association with University of Washington anthropologist Melville Jacobs (1931-1934), and pot-hunted by amateur archaeologist Marcus Seale (1956) in the 1930s, and later excavated by others (Ross 1976; Minor 1986; O'Neil et al. 2006). The site was not relocated by either BAC or HRA for the current Project. Additional survey and testing was recommended in the vicinity of the APCO sites (Derr et al. 2017; Bowden et al. 2017).

According to anthropologist J.P. Harrington (1941), the unrecorded Coos Indian village of *Mahakwin* was located southeast of *D'anis* on the North Point of North Bend. South of this on the North Point, east of the APCO sites, are previously recorded prehistoric archaeological sites 35CS36 and 35CS317 (Punke and Bowden 2018). Site 35CS36 is a shell midden recorded by Ross in 1976. Archaeological site 35CS317 was recorded by SOULA in 2017, and was recommended to be eligible for the NRHP (Tveskov and Johnson 2017). Sites 35CS24, 35CS36, and 35CS317 should be avoided by the Project.

Jordan Cove initially hired BAC to conduct archaeological inventories of its proposed LNG terminal, beginning in 2005. The 2005-2006 BAC surveys covered about 280 acres at the Ingram

Yard and Roseburg Forest Product tracts, with transects varying between 20 meters and more than 30 meters apart (Byram 2006a, 2006b).

As part of the 2005-2006 surveys, Byram and Donald Ivy of the Coquille Tribe examined a portion of the inter-tidal margin in Coos Bay by boat during a low “minus tide,” overlapping the access channel to the LNG terminal. No cultural resources were found in that portion of the APE. In its October 2, 2006, review of Byram (2006a), the Oregon SHPO commented there are no records of shipwrecks or submerged sites in that part of Coos Bay, and therefore an underwater survey is not required for the proposed terminal’s access channel. Additional testing of the mudflats that would be impacted by construction of the terminal access channel was conducted by SOULA in 2013-2014, including underwater investigations. In Area H, the remains of an historic wooden levee, a rope around a stake, a wooden barrel, and natural tree stems were observed (Rose et al. 2014). No Native American fishing weirs were found at this location.

In 2007, BAC surveyed about 92 acres in the South Dunes area, in the vicinity of the proposed temporary Workforce Housing Complex, Jordan Cove administration building, and the SORSC (Byram and Purdy 2007). No cultural remains were found. In a letter dated December 26, 2007, reviewing that report, the SHPO stated that activities within this area would have no adverse effects on known sites. We agree.

Also in 2007, BAC surveyed 15 acres along the route of the construction haul road and the slurry and water return pipelines, from the proposed Jordan Cove terminal marine slip to the South Dunes, across the Roseburg Forest Products property. Although no cultural resources were found, it was recommended that construction should be monitored near the crossing of existing Jordan Cove Road (Byram 2008). We agree.

In 2012, BAC surveyed about 20 acres along the proposed route of the Jordan Cove Access and Utility Corridor between Ingram Yard and the South Dunes. No archaeological sites were found during this survey. However, additional archaeological testing was recommended at the haul road overpass near the northwest corner of geographic Jordan Cove, in the vicinity of previously recorded site 35CS227 (Byram and Shindruk 2012). The SHPO commented on the report in a letter dated October 30, 2012, concurring with the report’s finding that no historic properties would be affected within the area surveyed. We agree.

In 2010, BAC surveyed about 55 acres at the Kentucky Slough wetland mitigation area. One site was recorded (35CS263); which was a prehistoric fishing weir. The site was unevaluated for NRHP eligibility (Byram and Walker 2010). The SHPO commented on the report in a letter dated April 13, 2011, concurring that the Project would have no adverse effect on cultural resources within this portion of the APE. Further, the SHPO agreed that monitoring should be conducted in areas where excavations at Kentucky Slough may extend below three feet MSL in the intertidal zone. We concur with these findings.

In 2016, HRA conducted an expanded survey of the Kentucky Slough mitigation area, covering an additional 75 acres. This survey recorded the Kentucky Slough Water Control System, the former Kentucky Golf and Country Club, and historic archaeological site 2484-001. Site 2484-001 is interpreted to include remains of the Carlson farm dating to the 1920s. The site is unevaluated, and avoidance is recommended. The Kentucky Slough Water Control System was built in 1939, and includes a dike, levee, channel, bridge, and tide gate. HRA evaluated the Kentucky Slough

Water Control System to be not eligible for the NRHP. The former Kentuck Golf and Country Club was created in 1961 and has been abandoned since Jordan Cove acquired the property in 2009. HRA inventoried the golf course, and recorded the club house, pumphouse, storage shed, and two additional shops/sheds. HRA evaluated the golf course as not eligible for the NRHP (Bowden et al. 2017). In a letter to the FERC dated September 24, 2018, the Oregon SHPO stated that the Kentuck Golf Club and the Kentuck Slough Water Control System are not eligible for the NRHP. We agree.

HRA also completed geo-archaeological investigations within the terminal area, including Ingram Yard, the Access and Utility Corridor, and the temporary Workforce Housing Complex at South Dunes (Punke 2018). While the study did not identify any archaeological resources, it did identify deposits within each of the tested areas that represented depositional environments with the potential for containing archaeological evidence of human occupation. Areas of high probability for archaeological resources within each tested project area were recommended for additional study.

The Al Pierce Company (APCO) area includes two dredge fill islands. GRI (2017) indicated that dredged materials at the APCO sites extend between 13 and 30 feet deep. BAC inspected 68 acres at the APCO sites in 2017. BAC noted that previously recorded archaeological site 35CS24, which may be related to the Coos village of “*D’anis*,” was in the vicinity of the North Point of North Bend, near but outside of the APE for the APCO sites (Bowden et al. 2017). The area was again examined with deep testing by Punke and Bowden (2018). No archaeological materials were encountered.

Jordan Cove proposes to use 33 acres at the Port Laydown Site. This area was inventoried by Darby (2005) and Byram and Purdy (2008); with the latter survey covering about 92 acres on the north shore of the bay on the North Spit, south of the Southport industrial facility. No archaeological materials were found during those surveys. The SHPO, in a letter dated May 28, 2008, reviewing the Byram and Purdy (2008) report, concurred with the recommendation that ground-disturbing activities in this area should be monitored by a professional archaeologist.

In 2017, Archaeological Investigations Northwest (AINW) conducted a cultural resources survey of the Port of Coos Bay’s planned Channel Modification Project. That survey overlapped the footprint for the four proposed channel improvement areas related to the Jordan Cove Project. No cultural resources were identified at the four channel improvement areas (Hulse 2018).

Jordan Cove proposes to use about 7 acres at the Myrtlewood RV Park near Hauser as off-site employee parking areas. HRA conducted “windshield” surveys of the paved Myrtlewood RV Park parking area (Bowden et al. 2017). The parking area was determined to have little potential for containing historic properties.

Along the dredge slurry pipeline in Coos Bay to the Kentuck Slough wetland mitigation site, HRA identified pre-contact fish weirs at sites 35CS261, 35CS324, 35CS326, 35CS327, 35CS328, and the remains of an historic dock at site 35CS325. All of these sites are unevaluated for the NRHP. HRA recommended that the pre-contact fish weir sites should be avoided or tested.

Previously Recorded Sites Along the Proposed Pacific Connector Pipeline Route

Pacific Connector hired HRA to coordinate its cultural resources investigations. HRA conducted a site file search and literature review to identify previously recorded archaeological sites within the APE of the Pacific Connector Pipeline Project. HRA estimated that at least 125 archaeological surveys have been conducted in the project area, documenting at least 143 sites (Bowden et al. 2009). However, only 27 previously recorded archaeological sites were identified in the APE, as listed below in table L-8.

Site No.	Type	Recorder (date)	Facility	Evaluation a/	Further Work
35CS26	Prehistoric shell midden possibly related to village of <i>Quanatitch</i>	Collins (1951) Byram and Purdy (2007) Bowden et al. (2009) Ragsdale et al. (2013)	Pipeline and Meter Station	Unevaluated	Not relocated. Tested by HRA in 2013 with negative results
35CS24	Prehistoric shell midden possibly related to Coos village of <i>D'anis</i>	Collins (1951) Ross (1976) Minor (1986) O'Neil et al. (2006) Derr et al. (2017) Byram (2017)	HHD under Coos Bay	Unevaluated	Not relocated. Needs additional survey and testing
35CS36	Prehistoric shell midden	Ross (1976)	HDD under Coos Bay	Unevaluated	Should be avoided
35CS50	Prehistoric lithic scatter	Draper (1979)	Yard	Unevaluated	Additional survey and testing
35SC317	Prehistoric shell midden	Tveskov and Johnson (2017)	HHD under Coos Bay	Unevaluated	Should be avoided
35DO35	Prehistoric lithic scatter	Unknown (1966)	Access Road	Unevaluated	Road will not be improved. No further work necessary.
35DO32	Prehistoric lithic scatter	Unknown (1966)	Access Road	Unevaluated	Road will not be improved. No further work necessary
35DO313	Multi-component: prehistoric camp and historic artifact scatter	Connolly (1984)	Pipeline	Eligible	Mitigate (data recovery)
35DO314	Prehistoric	Connolly (1984)	Pipeline	Unevaluated	Testing
35DO435	Prehistoric	Barner (1989)	Road	Unevaluated	Additional survey and testing
OR-110-1293	Historic fence	Unknown	Pipeline	Unknown	No further work
35KL57	Unknown	Cannon (1977)	Access Road	Unevaluated	Additional survey and testing
35KI1408	Multi-component	AINW (1993)	Access Road	Unevaluated	Survey to determine if outside APE
35KL1458	Multi-component: prehistoric lithic scatter and historic canal	AINW (1993)	Pipeline	Unevaluated	Avoid by HDD
35KL1469	Multi-component	AINW (1993)	Access Road	Unevaluated	Additional survey and testing

Previously Recorded Sites Within the Pacific Connector Pipeline Project APE					
Site No.	Type	Recorder (date)	Facility	Evaluation a/	Further Work
35KL1475	Multi-component	AINW (1993)	Access Road	Unevaluated	Survey to determine if outside APE.
35KL1941	Multi-component	Matsumoto (1996)	TEWA	Unevaluated	Additional survey and testing needed
35KL1943	Prehistoric village	Mack (1997)	Access Road/TEWA	Unevaluated	Survey to determine if outside APE
35KL2425	Multi-component	Unknown	Access Road	Unevaluated	Additional survey and testing
35KL2831	Historic lumber mill	AINW (1993)	Pipeline	Eligible	Need an avoidance plan
35KL2848	Historic canal	Reno and Obemayr (1993); Mikesell (n.d.); Habmaier (2009); Bowden et al. (2013); Ragsdale et al. (2013)	TEWA	Not eligible	No further work
McCullough Bridge	Historic highway bridge (ca. 1936)	ODOT	HDD under Coos Bay	Listed on NRHP	Will be avoided
a/ Although survey reports completed for the Project variably refer to NRHP eligibility recommendations of "potentially eligible," "undetermined," and "unevaluated," these terms are considered synonymous for the purposes of this analysis. Therefore only unevaluated is used here for consistency.					

Sites Identified on Federal Lands Along the Proposed Pacific Connector Pipeline Route

TABLE L-9				
Archaeological Sites on Federal Lands Within the Pacific Connector Project APE				
Site No./Name	Cultural Type	Agency	Evaluation a/	Recommendations
36CS288	Historic building remains	BLM – Coos Bay District	Unevaluated	Test
35DO435	Prehistoric rock shelter	BLM – Roseburg District	Unevaluated	Avoid
35DO516	Prehistoric	BLM – Roseburg District	Unevaluated	Avoid
35DO1071	Prehistoric	BLM – Roseburg District	Unevaluated	Avoid
35DO1104	Multi-component: Prehistoric lithic scatter and Historic logging refuse	BLM – Roseburg District	Eligible	Data recovery
35DO1105	Prehistoric	BLM – Roseburg District	Eligible	Data recovery
35DO1106	Prehistoric	BLM – Roseburg District	Eligible	Data recovery
35DO1107	Historic fire lookout	Forest Service – Umpqua National Forest	Eligible	Avoid
35DO1108	Historic mining claims	Forest Service – Umpqua National Forest	Unevaluated	Avoid
35DO1109	Prehistoric	BLM – Roseburg District	Not eligible	No further work
35DO1110	Prehistoric	BLM – Roseburg District	Eligible	Data recovery
35DO1111	Prehistoric	BLM – Roseburg District	Not eligible	No further work
35DO1112	Prehistoric	BLM – Roseburg District	Not eligible	No further work
35DO1113	Prehistoric	BLM – Roseburg District	Not eligible	No further work
35DO1114	Prehistoric	BLM – Roseburg District	Not eligible	No further work
35DO1117	Prehistoric	BLM – Roseburg District	Eligible	Data recovery. Site boundary needs to be updated.
35DO1135	Prehistoric	BLM – Roseburg District	Not eligible	No further work
35DO1136	Historic artifact scatter	BLM – Roseburg District	Not eligible	No further work
35DO1284	Prehistoric	Forest Service – Umpqua National Forest	Not eligible	No further work
35DO1426	Historic spring associated with the Peavine Camp	Forest Service – Umpqua National Forest	Unevaluated	Should be avoided
35DO1494	Historic mining feature	BLM – Roseburg District	Not eligible	No further work
35DO1495	Historic mining feature	BLM – Roseburg District	Not eligible	No further work
35DO1516	Prehistoric	BLM – Roseburg District	Unevaluated	Avoid
35DO1517	Prehistoric	BLM – Roseburg District	Unevaluated	Avoid
35DO1518	Prehistoric	BLM – Roseburg District	Unevaluated	Avoid
35DO1539	Multi-component: Prehistoric lithic scatter and Historic refuse	BLM – Roseburg District	Unevaluated	Avoid
35DO1540	Prehistoric rock shelter	BLM – Roseburg District	Unevaluated	Avoid
35DO1541	Historic homestead	BLM – Roseburg District	Unevaluated	Avoid
35JA682 <u>b/</u>	Prehistoric	BLM – Medford District	Not eligible (BLM), Unevaluated (SHPO)	Possible testing
35JA686 <u>b/</u>	Prehistoric lithic scatter and quarry	BLM – Medford District	Not eligible (BLM), Unevaluated (SHPO)	Possible testing
35JA739 <u>b/</u>	Prehistoric lithic scatter and quarry	BLM – Medford District	Not eligible (BLM), Unevaluated (SHPO)	Possible testing

TABLE L-9 (continued)				
Archaeological Sites on Federal Lands Within the Pacific Connector Project APE				
Site No./Name	Cultural Type	Agency	Evaluation*	Recommendations
35JA758	Historic artifact scatter	Forest Service – Umpqua National Forest	Not eligible	No further work
35JA932	Multi-component Prehistoric lithic scatter and Historic refuse	BLM – Medford District	Unevaluated	Test
35JA933	Historic fenceline	BLM – Medford District	Not eligible	No further work
35JA934	Prehistoric	BLM – Medford District	Unevaluated	Test
35KL2888	Multi-component: Prehistoric lithic scatter and Historic artifacts	BLM-Klamath Falls Resource Area	Unevaluated	Additional survey needed
35KL3040	Historic rock walls	BLM – Klamath Falls Resource Area	Unevaluated	Needs to be reevaluated along with 35KL3038 and 35KL3039.
35KL3057	Historic irrigation ditch	BLM – Klamath Falls Resource Area	Unevaluated	Avoid. Requires additional survey with 35KL2888.
Klamath Canal System	Historic irrigation features	Reclamation – Klamath Office	Eligible	Bore
HRA-1227-704	Prehistoric	BLM – Medford District	Unevaluated	Test
OR-110-1293	Historic fence line	BLM – Medford District	Not eligible	No further work
LM-36	Historic Dead Indian Memorial Highway	Forest Service – Winema National Forest	Eligible	Restore after construction
<p>a/ Although survey reports completed for the Project variably refer to NRHP eligibility recommendations of “potentially eligible,” “undetermined,” and “unevaluated,” these terms are considered synonymous for the purposes of this analysis. Therefore only unevaluated is used here for consistency.</p> <p>b/ BLM –Medford District and SHPO disagree on eligibility of 35JA682, 35JA686, and 35JA739. BLM says not eligible, SHPO determined site “potentially eligible”. BLM is working the SHPO to determine what, if any, additional work will be necessary for these resources.</p>				

Sites Where Additional Investigations Recommended Along the Proposed Pacific Connector Pipeline Route

TABLE L-10				
Sites That May Be Avoided by the Pacific Connector Project				
Site No./Name	Cultural Type	Landowner	Project Element	Evaluations a/
35CS24 (D'anis)	Coos Village	Probably Private	Pipeline (avoided by HDD)	Unevaluated
35CS26 (Quanatoatch)	Coos Village	Private	Pipeline (avoided by HDD)	Unevaluated
McCullough Bridge (No. 01823)	Historic (ca. 1936) Automobile Bridge	State of Oregon	Pipeline (avoided by HDD)	Listed on NRHP
Southern Pacific Railroad Bridge	Historic Railroad Bridge (ca. 1916)	Port	Pipeline (avoided by HDD)	Not eligible
35CS36	Pre-contact shell midden	Private?	Pipeline (avoided by HDD)	Unevaluated
35CS261	Pre-contact fish weir	State - ODSL	Pipeline (avoided by HDD)	Unevaluated
35CS263	Pre-contact fish weir	Private	Pipeline (avoided by HDD)	Unevaluated
35CS317	Pre-contact shell midden	City of North Bend	Pipeline (avoided by HDD)	Unevaluated
35CS324	Pre-contact fish weir	Coos County	Pipeline (avoided by HDD)	Unevaluated
35SC325	Historic dock	Coos County	Pipeline (avoided by HDD)	Unevaluated
35CS326	Pre-contact fish weir	Private/State/County	Pipeline (avoided by HDD)	Unevaluated
35CS327	Pre-contact fish weir	Coos County	Pipeline (avoided by HDD)	Unevaluated
35CS328	Pre-contact fish weir	Coos County	Pipeline (avoided by HDD)	Unevaluated
2528-100	Pre-contact fish weir	State?	Pipeline (avoided by HDD)	Unevaluated
2528-102	Pre-contact fish weir	State?	Pipeline (avoided by HDD)	Unevaluated
95424 S. Coos River Ln	Historic standing architectural Ranch structures (ca. 1915 – 1965)	Private	Pipeline	Unevaluated
95369 Stock Slough Ln.	Historic (1940s) Agricultural Complex	Private	Pipeline	Eligible
Dora Cemetery	Historic (ca. 1870s) Cemetery	Private	Pipeline	Eligible
Noah Cemetery	Historic Cemetery	Private	Pipeline	Unevaluated
35DO435	Prehistoric Rock Shelter	BLM	Access Road	Unevaluated

TABLE L-10 (continued)				
Sites That May Be Avoided by the Pacific Connector Project				
Site No./Name	Cultural Type	Landowner	Project Element	Evaluations
35DO1055 – Little Lick Creek Site	Prehistoric Lithic Scatter	Private	Pipeline	Unevaluated
35DO1056 – South Fork Myrtle Creek Site	Prehistoric Lithic Scatter	Private	Pipeline	Unevaluated
35DO1057 – Willis Creek Site	Prehistoric Camp	Private	Pipeline	Unevaluated
35DO1059 – Upper Olalla School Site	Historic (1880s) Building and Debris Scatter	Private	Pipeline	Unevaluated
35DO1071 – Green Butte Site	Prehistoric	BLM	Pipeline	Unevaluated
35DO1091 – Upper Camas Road Site	Prehistoric Lithic Scatter	Private	Pipeline	Unevaluated
35DO1102 – Milo Yard Site	Prehistoric Lithic Scatter	Private	Yard and TEWA	Unevaluated
35DO1103 – Ollala Creek Site #2	Prehistoric Lithic Scatter	Private	Access Road	Unevaluated
35DO1426	Historic Spring	Forest Service	Pipeline	Unevaluated
35DO1496	Historic Bridge Remains	Private	Access Road	Unevaluated
35DO1497	Prehistoric Lithic Scatter	Private	Access Road	Unevaluated
35DO1516 – Burning Bright Site	Prehistoric	BLM	Access Road	Unevaluated
35DO1517 – Four Creeks Site	Prehistoric	BLM	Access Road	Unevaluated
35DO1518 – Phoenix Site	Prehistoric	BLM	Access Road	Unevaluated
35DO1519	Multi-component: Prehistoric Lithic Scatter & Historic Railroad	Private	Pipeline	Unevaluated
35DO1539 – Baldwin Road Site	Multi-component: Prehistoric Lithic Scatter & Historic Artifacts	BLM	Access Road	Unevaluated
35DO1540 – Quiet Mountain Road Site	Prehistoric Rock Shelter	BLM	Access Road	Unevaluated
35DO1541 – Gillham Homestead	Historic Homestead	BLM	Access Road	Unevaluated
35JA676 – Echo Hill Site	Prehistoric Quarry	Private	Pipeline	Unevaluated
35JA681 – Heppsie Mountain Meadow Site	Multi-component: Prehistoric Lithic Scatter & Historic Artifacts	Private	Pipeline	Prehistoric Component Unevaluated
35JA685 – Four-Wheeler Trail Site	Multi-component: Prehistoric Lithic Scatter & Historic Artifacts	Private	Pipeline	Unevaluated
35JA790	Historic: abandoned railroad grade and artifact scatter	BLM-Medford District & Private	Pipeline, Access Road	Unevaluated/Unevaluated
HRA-206 (Columbia Forest Products Site)	Historic (ca. 1930s) Lumber Mill	Private	Yard	Unevaluated

TABLE L-10 (continued)

Sites That May Be Avoided by the Pacific Connector Project

Site No./Name	Cultural Type	Landowner	Project Element	Evaluations
35KL1458 – Klamath River Site	Multi-component: Prehistoric Lithic Scatter & Historic Irrigation Canal	Private	Pipeline	Unevaluated
35KL2831 (Weyerhaeuser Mill)	Historic Lumber Mill (ca. 1928)	Private	Pipeline	Eligible
35KL3041	Ethnohistoric: Culturally modified tree and rock cairn	Private	Pipeline	Treat as Eligible
35KL3045	Multicomponent: historic artifacts and lithic isolate	Private	Access Road	Unevaluated
35KL3051 – Lost River Crossing Site	Multi-component: Prehistoric Lithic Scatter & Historic Railroad	Private	Pipeline	Unevaluated
35KL3057 – Stuckle Mountain Site	Historic Irrigation Ditch	BLM	Access Road	Unevaluated
35KL3264 – KF Industrial Oil Yard Site #2	Historic lumber yard	Private	Yard	Unevaluated
356KL3281 – KF Industrial Oil Yard Site #1	Historic railroad berms	Private	Yard	Unevaluated
35KL4323	Historic Electric Power Line	Private	Pipeline	Unevaluated
35KL4550	Historic Can Scatter	Private	Pipeline	Unevaluated
HRA-1227-723	Stacked Rock Feature	Private	Pipeline	Unevaluated
<p><i>a/</i> Although survey reports completed for the Project variably refer to NRHP eligibility recommendations of “potentially eligible,” “undetermined,” and “unevaluated,” these terms are considered synonymous for the purposes of this analysis. Therefore only unevaluated is used here for consistency.</p>				

TABLE L-11				
Unevaluated Sites That May Be Affected by the Pacific Connector Project and Require Additional Investigations to Determine NRHP Eligibility				
Site No.	Cultural Type	Landowner	Evaluation a/	Recommended Work
Unrecorded Village of <i>Q'alya</i> and Cemetery	Reported Indian village and burials	Private	Unevaluated	Survey and test
LM3	Unknown	Private	Unevaluated	Survey and test
Medford Canals	Historic irrigation feature	Private	Unevaluated	Survey and record
N. Hanley Ditch	Historic irrigation feature	Private	Unevaluated	Survey and record
S. Hanley Ditch	Historic irrigation feature	Private	Unevaluated	Survey and record
35CS223	Prehistoric lithic scatter	Private	Unevaluated	Test
35CS225	Multi-component: Prehistoric camp and Historic artifact scatter	Private	Unevaluated	Test
35CS264	Prehistoric fishing weir	State – ODSL	Unevaluated	Test
35SC265	Prehistoric fishing weir	State – ODSL	Unevaluated	Test
35CS268	Prehistoric fishing weir	State – ODSL	Unevaluated	Test
35CS288	Historic structures	BLM	Unevaluated	Test
35CS313	Prehistoric shell midden	Private	Unevaluated	Survey and test
35DO314	Prehistoric	Private	Unevaluated	Test
35DO323	Prehistoric lithic scatter	Private	Unevaluated	Survey and test
35DO1051	Multi-component: Prehistoric lithic scatter and Historic artifact scatter	Private	Unevaluated	Test
35DO1054	Prehistoric camp	Private	Unevaluated	Test
35DO1068	Prehistoric lithic scatter	Private	Unevaluated	Test
35DO1093	Prehistoric lithic scatter	Private	Unevaluated	Test
35DO1096	Prehistoric lithic scatter	Private	Unevaluated	Test
35DO1103	Prehistoric lithic scatter	Private	Unevaluated	Test
35DO1116	Prehistoric lithic scatter	Private	Unevaluated	Test
35DO1119	Prehistoric lithic scatter	Private	Unevaluated	Test
35DO1495	Multi- component: Prehistoric lithic scatter and Historic artifacts	Private	Unevaluated	Test
35JA675	Prehistoric lithic scatter and quarry	Private	Unevaluated	Test
35JA676	Prehistoric lithic scatter and quarry	Private	Unevaluated	Test
35JA680	Prehistoric lithic scatter	Private	Unevaluated	Test
35JA682	Prehistoric	BLM	Unevaluated	Test
35JA686	Prehistoric lithic scatter and quarry	BLM	Unevaluated	Test
35JA688	Prehistoric camp	Private	Unevaluated	Test

TABLE L-11 (continued)

**Unevaluated Sites That May Be Affected by the Pacific Connector Project and
Require Additional Investigations to Determine NRHP Eligibility**

Site No.	Cultural Type	Landowner	Evaluation	Recommended Work
35JA790	Multi-component: Prehistoric lithic scatter and Historic railroad	Private and BLM	Unevaluated	Research and test
35JA932	Prehistoric lithic scatter	Private and BLM	Unevaluated	Test
35JA934	Prehistoric	BLM	Unevaluated	Test
35JA987 (HRA-1227-704)	Prehistoric	BLM	Unevaluated	Test
35KL1469	Multi-component: includes lithic scatter and historic debris	Private	Unevaluated	Survey and test
35KL1941	Multi-component: Precontact lithic scatter and Historic debris	Private	Unevaluated	Survey and test
35KL2425	Multi-component	Private	Unevaluated	Survey and test
35KL2848	Historic irrigation feature	Private	Unevaluated	Need site form and evaluation
35KL2888	Multi-component	BLM	Unevaluated	Additional survey
35KL3046	Multi-component: Prehistoric lithic scatter and Historic artifact scatter	Private	Unevaluated	Test
35KL3610	Prehistoric lithic scatter	Private	Unevaluated	Test
35KL4549	Historic tin can scatter	Private	Unevaluated	Test

a/ Although survey reports completed for the Project variably refer to NRHP eligibility recommendations of “potentially eligible,” “undetermined,” and “unevaluated,” these terms are considered synonymous for the purposes of this analysis. Therefore only unevaluated is used here for consistency.

Site No./Name	Cultural Type	Landowner
35CS226 North Fork Coquille	Prehistoric camp	Private
35DO313	Multi-component: Prehistoric camp and Historic artifacts	Private
35DO1052 Upper Olalla Road	Multi-component: Prehistoric camp and Historic house (ca. 1922)	Private
35DO1053 Olalla Reunion Grounds	Multi-component: Prehistoric camp and Historic gathering spot	Private
35DO1058 Big Oak Place	Prehistoric camp	Private
35DO1070 Second South Umpqua	Prehistoric camp	Private
35DO1074 West Middle Fork Coquille	Prehistoric camp	Private
35DO1075 East Middle Fork Coquille	Prehistoric camp	Private
35DO1092 Sheilds Creek/Walters Claim	Multi-component: Prehistoric camp and Historic farmstead	Private
35DO1104 Hallie's Saddle Site	Multi-component: Prehistoric lithic scatter and Historic logging remains	BLM
35DO1105 Lindsey's Deep One	Prehistoric camp	BLM
35DO1106 Mike's Spring Site	Prehistoric camp	BLM
35DO1107 Green Butte Lookout	Historic fire lookout station	Forest Service
35DO1110 Helping Jen Site	Prehistoric camp	BLM
35DO1117 Emily Hatchet Site	Prehistoric camp	BLM
35JA670/684 Butte Falls Compressor Station	Prehistoric camp	Private
35JA752 Quartz Creek	Prehistoric camp	Private
35JA740 Salt Creek Meadow	Prehistoric camp	Private
35JA741 Long Branch Meadow	Prehistoric camp	Private
35JA742 North Fork Little Butte Creek	Multi-component: Prehistoric camp and Historic foundation	Private

Sites and Site Leads Identified Within the Proposed Jordan Cove LNG Project APE

TABLE L-13							
Cultural Resources Identified in or Adjacent to the Jordan Cove APE							
Site #/Name	Facility	Landowner	Cultural Type	Recorded/Tested (date)	Consultant Evaluation a/	SHPO Opinion (date)	Recommended Future Work
Recorded Archaeological and Historic Architectural Sites							
35CS24 (D'anis)	West of APCO – Dredge Disposal Areas	Private	North Point of North Bend –south side McCullough Bridge. Reported Coos village with burials – potted by Marcus Seale in 1930s	Collins 1951 Ross 1976 Minor 1986 O'Neil et al. 2006 Derr et al. Sept. 2017 Byram Sept. 2017	Not relocated by HRA or BAC Unknown	-	Avoid, survey, or test.
35CS26 (Quonatatich)	South Dunes – Workforce Housing, Administration Building & SORSC	Private – Jordan Cove	Pre-contact midden and reported Coos village near Jordan Point	Collins 1951 Not relocated by HRA in 2009 Tested by HRA 2013 – negative Ragsdale et al. 2013	Unevaluated. Does not exist within APE	Eligible (No date provided. Based on Attachment FERC-PCGP-RR4-19, filed January 23, 2018.)	Geoarchaeological deep testing.
35CS61 (Blue Barn Site)	North Bank Mitigation Area	Federal (FWS)	Pre-contact archaeological site C-14 dated to 4120 BP	Tveskov and Cohen 2007 Dinwiddle and Bowden September 2018	Eligible	-	TBD, in coordination with SHPO and tribes, following completion of specific ground-disturbing plans for impacting portion of APE. Plans should avoid direct impacts to resource.
35CS203 (Rocky Point Site)	North Bank Mitigation Area	Private	Pre-contact archaeological site (lithic scatter)	Byram and Ivy 2004 Dinwiddle and Bowden September 2018	Unevaluated	-	TBD, in coordination with SHPO and tribes, following completion of specific ground-disturbing plans for impacting portion of APE. Plans should avoid direct impacts to resource.

TABLE L-13 (continued)

Cultural Resources Identified In or Adjacent to the Jordan Cove APE

Site #/Name	Facility	Landowner	Cultural Type	Recorded/Tested (date)	Consultant Evaluation	SHPO Opinion (date)	Recommended Future Work
35CS221 (R6)	Ingram Yard	Private – Jordan Cove	Historic Henderson Ranch, Luse Ranch, & Peterson Ranch. Reported pre-contact site.	Stubbs 1983 Byram, June 2006 & October 2006 Tested by SOULA: Rose et al. 2014	Unevaluated – test Not eligible	10/2/06 – agree with recommendation of testing & monitoring	Monitoring during construction.
35CS227 (R2 & R3)	South Dunes – Access & Utility Corridor	Private – Jordan Cove	Prehistoric shell midden & Historic artifacts – perhaps related to the Jordan Cove Ranch and Indian village of <i>Quonatatich</i>	Byram, October 2006 Bowden et al 2009	Unevaluated	--	Avoid and monitor.
35CS239 (COE – North Spit -North Jetty Railroad – Segment 1)	South Dunes – Roseburg Forest Products – Ingram Yard	Private – Jordan Cove	Historic Railroad spur (ca. 1939 - 1942)	BLM Tonsfeldt 2006	Railroad eligible; Segment in APE a non-contributing element/not eligible	9/27/18 Non-contributing in APE – No Adverse Effects	No further work.
35CS261	Kentuck Slough Mitigation Site	State - ODSL	Prehistoric fish weir in Kentuck Slough	Byram and Walker 2010 Coyote 2010 Derr et al. Sept. 2017	Unevaluated	Unevaluated (7/4/10)	Avoid and monitor.
35CS263	Kentuck Slough Mitigation Site	Private	Prehistoric fish weir in Kentuck Slough	Byram and Walker 2010 Coyote 2010 Derr et al. Sept. 2017	Unevaluated	Unevaluated (4/12/11)	Avoid and monitor.
35CS317	West of APCO	Private	North Point of North Bend	SOULA Tveskov and Johnson 2017 HRA Punke and Bowden, September 2018	Not relocated by HRA	-	Avoid.
35CS324 (HRA-1227-801)	Dredge pipeline to Kentuck Slough Mitigation Site	Coos County	Prehistoric fish weir in Coos Bay mud flats	Derr et al. Sept. 2017	Unevaluated	1/18/18 Concur	Evaluate and assess effects.
35CS325 (HRA-1227-802)	Dredge pipeline to Kentuck Slough Mitigation Site	Coos County	Historic dock in Coos Bay mud flats	Derr et al. Sept. 2017	Unevaluated	1/18/18 Concur	Site can be avoided

TABLE L-13 (continued)

Cultural Resources Identified In or Adjacent to the Jordan Cove APE

Site #/Name	Facility	Landowner	Cultural Type	Recorded/Tested (date)	Consultant Evaluation	SHPO Opinion (date)	Recommended Future Work
35CS326 (HRA-1227-803)	Dredge pipeline to Kentuck Slough Mitigation Site	Private/State/County	Prehistoric fish weir in Coos Bay mud flats	Derr et al. Sept. 2017	Unevaluated	1/18/18 Concur	Evaluate and assess effects.
35CS327 (HRA-1227-804)	Dredge pipeline to Kentuck Slough Mitigation Site	Coos County	Prehistoric fish weir in Coos Bay mud flats	Derr et al. Sept. 2017	Unevaluated	1/18/18 Concur	Evaluate and assess effects.
35CS328 (HRA-1227-805)	Dredge pipeline to Kentuck Slough Mitigation Site	Coos County	Prehistoric fish weir & Historic debris in Coos Bay mud flats	Derr et al. Sept. 2017	Unevaluated	1/18/18 Concur	Site can be avoided
2528-100	Kentuck Slough Mitigation Site	Department of State Lands	Prehistoric fish weir in Kentuck Slough Channel	Bowden 13 September 2018	Unevaluated	-	Fully document with background research and site forms. Evaluate and assess project impact.
2528-102	Kentuck Slough Mitigation Site	Department of State Lands	Prehistoric fish weir in Kentuck Slough Channel	Bowden 13 September 2018	Unevaluated	-	Fully document with background research and site forms. Evaluate and assess project impact.
BAC-2014-1	Adjacent to intersection of 101 & Trans-Pacific Parkway Causeway	OSLD	Pre-contact fishing weir feature	Bowden Sept. 2017	Unevaluated	-	Monitoring during construction.
2484-001	Kentuck Slough Mitigation Site	Private – Jordan Cove	Historic foundation & artifacts – probably related to 1930s Carlson Farm	Bowden et al. Sept. 2017	Unevaluated	-	Avoid and monitor.
12/2019-56	Adjacent to Dredge Area 1	Assume State	1923 Receiving Wharf	Ron Adams 6 March 2017	Not eligible	-	No further work

TABLE L-13 (continued)

Cultural Resources Identified In or Adjacent to the Jordan Cove APE

Site #/Name	Facility	Landowner	Cultural Type	Recorded/Tested (date)	Consultant Evaluation	SHPO Opinion (date)	Recommended Future Work
McCullough Bridge (Coos Bay Bridge No. 01823)	APCO – Dredge Disposal Areas	State – ODOT	Historic automobile bridge (ca. 1936) over Coos Bay along Highway 101	Hadlow 2004 Derr et al. Sept. 2017 Byram Sept. 2017	Listed on NRHP (2005)	Listed (2005)	Avoid.
Southern Pacific Railroad Bridge	South Dunes – Workforce Housing & SORSC	Private	Historic railroad bridge (ca. 1916) over Coos Bay	Bowden et al. Sept. 2017 Derr et al. Sept 2017	Not eligible	Not Eligible	Avoid.
Coos Bay Rail Link (part of Roseburg Forest Products Chip Export Facility)	South Dunes – Workforce Housing & SORSC	County	Historic railroad spur (ca. 1955) to Roseburg Forest Products	Bowden et al. Sept. 2017	Not eligible	9/24/18 Not eligible	No further work..
Trans-Pacific Parkway and Causeway (part of Menasha Mill)	South Dunes – Workforce Housing & SORSC	County	Historic highway – causeway over Coos Bay built in 1961	Bowden et al. Sept. 2017	Not eligible	9/24/18 Not eligible	No further work.
Menasha Mill (R5)	South Dunes – Workforce Housing & SORSC	Private – Jordan Cove	Historic Lumber Mill (ca. 1961- 2003): Railroad spur (ca. 1961); Metal water tank (ca. 1961); 2 concrete masonry units (ca. 1961 & 2005); Water hypo-chlorination building (ca. 1969); 2 wastewater treatment settling ponds (ca. 1961); Mess hall (ca. 1992); Lagoon (ca. 1961). Reported Coos village site with cemetery/burials (discovered during construction of the mill)	Byram June 2006; October 2006 Bowden et al. Sept. 2017	Not eligible	9/24/18 Not eligible	No further work.

TABLE L-13 (continued)							
Cultural Resources Identified In or Adjacent to the Jordan Cove APE							
Site #/Name	Facility	Landowner	Cultural Type	Recorded/Tested (date)	Consultant Evaluation	SHPO Opinion (date)	Recommended Future Work
Pacifi-Corp Substation	South Dunes – Workforce Housing & SORSC	Private	Pacifi-Corp Electric Substation (ca. 1962)	Bowden et al. Sept. 2017	Not eligible	9/24/18 Not eligible	No further work.
Roseburg Forest Products wood chip export facility (R7)	Roseburg Forest Products	Private - Roseburg Forest Products	Roseburg Forest Products (ca. 1968): Berth & wharf; Loading tower; Railroad spur; 2 office buildings; Shop; 2 warehouses; 2 water tanks	Byram, October 2006 Bowden et al. Sept. 2017	Not eligible	9/24/18 Not eligible	No further work.
Kentuck Slough Water Control System	Kentuck Slough Mitigation Site	Private/County	Historic structures (ca. 1939)	Bowden et al. 2017 Derr et al. Sept 2017	Not eligible	9/24/18 Not eligible	No further work.
Kentuck Slough Golf Course & Country Club	Kentuck Slough Mitigation Site	Private – Jordan Cove	Golf course (ca. 1961 – 2009): Club house, pump house, 2 shops, and associated storage sheds	Bowden et al. Sept. 2017	Not eligible	9/24/18 Not eligible	No further work.
Unrecorded Site Leads							
Coos Traditional Cultural Property at Jordan Cove (<i>Q'alya ta Kukwis schihdii me</i>)	Coos Bay	Private, State, Federal	Traditional Cultural Property	CTCLUSI	Eligible	-	Further data from CTCLUSI.
Reported Coos village (<i>Q'alya</i>) & historic Indian cemetery (R1)	South Dunes – Workforce Housing & SORSC	Private – Jordan Cove	Reported Coos village and cemetery (ca. 1906) – resting place of “old lady Sprague” – part of Jordan Cove Indian community. Site reported to be north of Trans-Pacific Parkway on west side of North Slough; associated with communities of Dynamite or Cordes	Harrington (1942) Finnell (1978) Simmons (1984) Byram (June 2006) October 2006) Not relocated or tested by HRA (Derr et al. Sept. 2017)	Not relocated	-	Further survey & testing.

TABLE L-13 (continued)

Cultural Resources Identified In or Adjacent to the Jordan Cove APE

Site #/Name	Facility	Landowner	Cultural Type	Recorded/Tested (date)	Consultant Evaluation	SHPO Opinion (date)	Recommended Future Work
Reported Native American Village Site Lead	Roseburg Forest Products	Private - Roseburg Forest Products	Reported Coos village.	Byram (June 2006 October 2006) Not relocated or tested by HRA (Derr et al. Sept. 2017)	Not relocated	-	Further survey & testing.
Reported Jordan Ranch and Coos village (Quonataich; R2 & R3)	South Dunes – Access & Utility Corridor	Private – Jordan Cove	Reported Coos village; may be related to Jordan Ranch and site 35CS227. Reported burials.	Buchanan (1931) Harrington (1942) Byram (June 2006; October 2006) Punke 2018b	Not relocated.	-	Tribal and SHPO consultation. Construction monitoring within high probability area.
Reported Indian Village (R7)	Roseburg Forest Products	Private - Roseburg Forest Products	Reported Indian Village	Finnell (1978) BAC Byram 2006 Punke 2018b	Not relocated.	-	Tribal and SHPO consultation needed. Construction monitoring within high probability area.

a/ Although survey reports completed for the Project variably refer to NRHP eligibility recommendations of “potentially eligible,” “undetermined,” and “unevaluated,” these terms are considered synonymous for the purposes of this analysis. Therefore only unevaluated is used here for consistency.

Sites Identified Along the Proposed Pacific Connector Pipeline Route APE

TABLE L-14							
Archaeological Sites Identified In or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation a/	Agency Evaluation	SHPO Evaluation	Management Recommendations
35CS223	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs to be tested.
35CS225	Private	Multi-component: Precontact camp and historic artifact scatter	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs to be tested.
35CS226	Private	Precontact: lithic scatter	Yes	Eligible	n/a	Eligible (1/18/18)	Mitigate: Archaeological data recovery excavations.
35CS261 <u>b/</u>	DSL	Precontact fish weir	No	n/a	n/a	Unevaluated (7/4/10)	Site can be avoided by HDD.
35CS263 <u>b/</u>	Private	Precontact fish weir	No	n/a	n/a	Unevaluated (4/12/11); Treat as eligible (1/18/18)	Site can be avoided by HDD.
35CS288	BLM - Coos Bay District	Historic building remains	No	Unevaluated	Unevaluated	Unevaluated (1/23/14)	Site needs to be tested (pending BLM concurrence with Derr et al. 2017).
35CS313	Private	Potential Precontact: shell midden	No	Unevaluated	n/a	Unevaluated (3/1/17)	Needs survey to relocate and document potential site.
35CS324 (HRA-1227-801) <u>b/</u>	County	Precontact fish weir complex	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can be avoided by HDD.
35CS325 (HRA-1227-802) <u>b/</u>	County	Possible historic dock/walk-way	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35CS326 (HRA-1227-803) <u>b/</u>	County, DSL, Private	Precontact fish weir complex	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can be avoided by HDD.
35CS327 (HRA-1227-804) <u>b/</u>	County	Precontact fish weir	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can be avoided by HDD.

TABLE L-14 (continued)

Archaeological Sites Identified in or Adjacent to the Pacific Connector APE

Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35CS328 (HRA-1227-805) b/	County	Multicomponent: historic refuse and precontact fish weir	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO313	Private	Multi-component: Precontact camp and historic artifacts	Yes	Eligible	n/a	Eligible/Potential for adverse effect (6/8/09 & 9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO314	Private	Precontact: originally recorded by Connolly in 1984	Not relocated	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Needs survey to locate and possible testing if not avoidable.
35DO323	Private	Precontact: lithic debitage and tool scatter	No	n/a	n/a	Treat as eligible (1/18/18)	Previously recorded site along access road. Needs survey to locate and possible testing if not avoidable.
35DO435	BLM - Roseburg District	Precontact - Rockshelter	n/a	Unevaluated	Unevaluated	Unevaluated	No further work needed. Site is adjacent to improved road and will not be affected by the Project.
35DO664	Private	Unknown	Not relocated	Unevaluated	n/a	Unevaluated	No further work. Survey conducted, and resource not found (Ragsdale et al. 2013; Derr et al. 2017). This is a 'tickler" location on SHPO map and no site form or narrative is available.
35DO1045	Private	Precontact	n/a	n/a	n/a	Not eligible (1/20/2007, 1/18/18)	Site can be avoided. Site not eligible -no further work necessary.
35DO1051	Private	Multi-component: Precontact lithic scatter and historic artifacts	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs to be tested.
35DO1052	Private	Precontact: camp. 2 houses 1922-modern	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1053	Private	Multi-component: Precontact camp and historic gathering spot 1900-1920 to celebrate 1855 fight on Wells claim	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09 & 2/11/16)	Mitigate: Archaeological data recovery excavations.

Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35DO1054	Private	Precontact: camp with point predating 2500 BP. 3 modern houses 1920-1963	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35DO1055	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1056	Private	Precontact: 4 Coquille middle archaic points (4500-1430 BP)	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1057	Private	Precontact: camp	No	Unevaluated	n/a	Treat as eligible. No effect if avoided (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1058	Private	Precontact: camp	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1059	Private	Historic: building debris/former location of Olalla School #49 1880-1950	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1067	Private	Multi-component: Precontact camp and historic artifacts (part of Walters 1856 claim with modern 1978 house)	Yes	Not Eligible	n/a	Treat as eligible, but no adverse effect (9/25/09)	No further work.
35DO1068	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35DO1069	Private	Precontact: lithic scatter	Yes	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35DO1070	Private	Precontact: camp	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1071	BLM - Roseburg District	Precontact	No	Unevaluated	Unevaluated	Treat as eligible. No effect if avoided by reroute (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1074	Private	Precontact: camp	Yes	Unevaluated	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35DO1075	Private	Precontact: camp	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1091	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1092	Private	Multi-component: Precontact camp and historic artifacts and features (part of Walters 1856 claim)	Yes	Precontact: Eligible; Historic: Not Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1093	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35DO1094	Private	Historic: refuse dump 1880s-1930s	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35DO1095	Private	Multi-component: Precontact lithic scatter and historic artifacts	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35DO1096	Private	Precontact	No	Unevaluated	n/a	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35DO1099	Private	Historic: dump 1920s-1960s	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35DO1100	Private	Precontact: lithic scatter	Yes	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35DO1101	Private	Precontact: lithic scatter	Yes	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35DO1102	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/Potential for adverse effect (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1103	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/Potential for adverse effect (9/25/09)	Site needs to be tested. Need site-specific Avoidance and Protection Plan.
35DO1104	BLM - Roseburg District, Private	Multi-component: Precontact lithic scatter and historic logging refuse	Yes	Eligible	Eligible	Eligible Adverse Effect (9/25/09)	Mitigate: Archaeological data recovery excavations.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35DO1105	BLM - Roseburg District	Precontact	Yes	Eligible	Eligible	Eligible Adverse Effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1106	BLM - Roseburg District	Precontact	Yes	Eligible	Eligible	Eligible Adverse Effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1107	USFS - Umpqua National Forest	Historic: fire lookout, trash scatter and privies	Yes	Eligible	Eligible	Eligible/no effect if avoided (9/25/09)	Site is no longer avoidable. Need to consult with USFS and SHPO.
35DO1109	BLM - Roseburg District	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35DO1110	BLM - Roseburg District	Precontact	Yes	Eligible	Eligible	Eligible Adverse Effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35DO1111	BLM - Roseburg District	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35DO1112	BLM - Roseburg District	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35DO1113	BLM - Roseburg District	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35DO1114	BLM - Roseburg District	Precontact: lithic scatter	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35DO1116	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs to be tested.
35DO1117	BLM - Roseburg District	Precontact	Yes	Eligible	Eligible	Eligible Adverse Effect (9/25/09)	Mitigate: Archaeological data recovery excavations. Site boundary needs to be updated.
35DO1119	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect 6/09 & 9/25/09)	Site needs to be tested.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35DO1135	BLM - Roseburg District	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35DO1136	BLM - Roseburg District	Historic: refuse scatter	No	Not Eligible	Not Eligible	Not eligible/No effect (6/22/09 & 9/25/09)	No further work.
35DO1284	USFS - Umpqua National Forest	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (7/9/14)	No further work.
35DO1426	USFS - Umpqua National Forest	Historic	No	Unevaluated	Pending	Unevaluated (11/6/13)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35DO1494	BLM - Roseburg District	Historic: mining feature	No	Not Eligible	Not Eligible	Not eligible/No effect (2/11/16)	No further work (pending BLM concurrence with Derr et al. 2015).
35DO1495	Private	Multi-component: lithic scatter and historic artifacts	Yes	Not Eligible	n/a	Unevaluated (2/11/16)	No further work.
35DO1496	County	Historic: bridge remnants	n/a	n/a	n/a	Unevaluated (4/7/16); Treat as eligible (1/18/18)	No further work needed. Site is adjacent to improved road and will not be affected by the Project. Need site- specific Avoidance and Protection Plan.
35DO1497	Private	Precontact: lithic scatter	n/a	n/a	n/a	Unevaluated, Treat as eligible (1/18/18)	No further work needed. Site is adjacent to improved road and will not be affected by the Project. Need site- specific Avoidance and Protection Plan.
35DO1516	BLM - Roseburg District	Precontact	No	n/a	Unevaluated	Unevaluated (10/12/16); Treat as eligible (1/18/18)	No additional work required. Outside of APE on access road that will not be improved.

TABLE L-14 (continued)

Archaeological Sites Identified in or Adjacent to the Pacific Connector APE

Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35DO1517	BLM - Roseburg District	Precontact	No	n/a	Unevaluated	Unevaluated (10/12/16); Treat as eligible (1/18/18)	No additional work required. Outside of APE on access road that will not be improved.
35DO1518	BLM - Roseburg District	Precontact	No	n/a	Unevaluated	Unevaluated (10/12/16); Treat as eligible (1/18/18)	No additional work required. Outside of APE on access road that will not be improved.
35DO1519	Private	Precontact: lithic scatter. Railroad on west side of site	No	n/a	n/a	Unevaluated (10/12/16); Unevaluated, Treat as eligible (1/18/18)	Site will be avoided by HDD. Need site-specific Avoidance and Protection Plan.
35DO1539	BLM - Roseburg District	Multi-component	n/a	n/a	Unevaluated	Unevaluated, Treat as eligible (1/18/18)	No further work needed. Site is adjacent to improved road and will not be affected by the Project.
35DO1540	BLM - Roseburg District	Precontact - Rockshelter	n/a	Unevaluated	Unevaluated	Unevaluated, Treat as eligible (1/18/18)	No further work needed. Site is adjacent to improved road and will not be affected by the Project.
35DO1541	BLM - Roseburg District	Historic- Homestead	n/a	Unevaluated	Unevaluated	Unevaluated, Treat as eligible (1/18/18)	No further work needed. Site is adjacent to improved road and will not be affected by the Project.
35JA670/684	Private	Precontact: lithic scatter. Barn dates to 1970s	Yes	Eligible	n/a	Eligible (1/18/18)	Mitigate: Archaeological data recovery excavations.
35JA674	Private	Precontact: lithic scatter. Includes SOULA-56i	Yes	Not Eligible	n/a	Treat as eligible, but no adverse effect (9/25/09)	No further work.
35JA675	Private	Precontact: lithic scatter and quarry	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs to be tested.
35JA676	Private	Precontact: quarry	No	Unevaluated	n/a	Treat as eligible/ no effect if avoided (9/25/09). SHPO agrees additional testing needed (2/11/16).	Site needs to be tested.

TABLE L-14 (continued)

Archaeological Sites Identified in or Adjacent to the Pacific Connector APE

Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35JA680	Private	Precontact: lithic scatter. House (1951), shop, shed, corral adjacent	No	Unevaluated	n/a	Treat as eligible/ no effect if avoided (9/25/09). Unevaluated-needs testing (4/18/11). SHPO agrees additional testing needed (2/11/16).	Site needs to be tested.
35JA681	Private	Multi-component: Precontact lithic scatter and Historic artifacts and logging road	No	Precontact: Unevaluated; Historic: Not Eligible	n/a	Treat as eligible/no effect if avoided (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35JA682	BLM – Medford District	Precontact	No	Unevaluated	Not Eligible	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35JA685	Private	Multi-component: Precontact lithic scatter and historic artifacts	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs additional survey to confirm that it can be avoided. If avoidable, need site-specific Avoidance and Protection Plan. If not avoidable, needs testing.
35JA686	BLM – Medford District	Precontact	No	Unevaluated	Not Eligible	Treat as eligible/potential adverse effect (9/25/09)	Site needs to be tested.
35JA688	Private	Precontact: camp	No	Unevaluated	n/a	Treat as eligible/ potential adverse effect (9/25/09)	Site needs to be tested.
35JA739	BLM – Medford District	Precontact	Yes	Not Eligible	Not Eligible	Not eligible/No effect (9/25/09)	No further work.
35JA740	Private	Precontact: camp	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35JA741	Private	Precontact: camp	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.
35JA742	Private	Multi-component: Precontact camp and historic stone foundation	Yes	Precontact: Eligible; Historic: Not Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Mitigate: Archaeological data recovery excavations.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35JA752	Private	Precontact: lithic scatter. Nearby house and barn	Yes	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09 & 2/11/16)	Mitigate: Archaeological data recovery excavations.
35JA753	Private	Precontact: lithic scatter	Yes	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35JA758	USFS - Umpqua National Forest	Historic: refuse scatter	No	Not Eligible	Pending	Not eligible/No effect (6/8/09 & 9/25/09)	No further work.
35JA790	BLM - Medford District, Private	Historic: abandoned railroad grade and artifact scatter	No	Unevaluated	n/a	Unevaluated/Unevaluated (4/18/11)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35JA932	BLM - Medford District, Private	Multi-component: historic refuse and Precontact lithic scatter	Private land portion only	Unevaluated	Unevaluated	Treat as eligible/potential adverse effect (2/11/16, 1/18/18)	BLM portion of site needs to be tested.
35JA933	BLM - Medford District	Historic fenceline	No	Not Eligible	Not Eligible	Not eligible/No effect (2/11/16)	No further work (pending BLM concurrence with Derr et al. 2015).
35JA934	BLM - Medford District	Precontact	No	Unevaluated	Unevaluated	Unevaluated (2/11/16)	Site needs to be tested.
35JA987 (HRA-1227-704)	BLM - Medford District	Precontact: lithic scatter	No	Unevaluated	Unevaluated	Unevaluated, Treat as eligible (1/18/18)	Site needs to be tested (pending BLM concurrence with Derr et al. 2017).
35KL1408	Private	Precontact: lithic scatter	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	No further work needed. Site is outside access road and will not be affected by the Project.
35KL1458	Private	Multi-component: Precontact lithic scatter and historic canal	Not recorded or tested for this project	Unevaluated	n/a	Treat as eligible (9/25/09)	Site can be avoided by HDD. Need site-specific Avoidance and Protection Plan.

TABLE L-14 (continued)

Archaeological Sites Identified in or Adjacent to the Pacific Connector APE

Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35KL1459	Private	Multi-component: includes historic structures- previously recorded in 1993	Not relocated or tested by for this project	n/a	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can likely be avoided but need to consult on protective measures. Need site-specific Avoidance and Protection Plan.
35KL1469	Private	Multi-component: includes lithic scatter and historic debris	No	Unevaluated	n/a	Unevaluated	Previously recorded site along access road. Needs survey to locate and possible testing if not avoidable.
35KL1941	Private	Multi-component: Precontact lithic scatter and Historic debris	No	Unevaluated	n/a	Unevaluated	Previously recorded site within TEWA. Needs survey and possible testing.
35KL2425	Private	Precontact: lithic and tool scatter	No	Unevaluated	n/a	Unevaluated	Previously recorded site along access road. Needs survey to relocate.
35KL2796	Private	Multicomponent: refuse scatter 1920s-1940s and two pieces of debitage	No	Not Eligible	n/a	Not eligible/No effect (9/25/09, 1/18/18)	No further work.
35KL2797	Private	Historic: artifact scatter 1940s	No	Not Eligible	n/a	Not eligible/No effect (9/25/09, 1/18/18)	No further work.
35KL2800	Private	Historic: trash scatter (1920s- 1960s)	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35KL2831	Private	Historic: lumber mill dating to 1928. recorded by AINW in 1993	No	Eligible	n/a	Eligible/Potential for adverse effect (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL2848	Private	Historic: canal	No	Not Eligible	n/a	Not eligible	No further work.
35KL2888	BLM - Klamath Falls Resource Area	Historic	No	n/a	Unevaluated	Unevaluated, Treat as eligible (1/18/18)	Previously recorded site along access road. Needs survey to locate and assess relationship to access road.
35KL3037	Private	Multi-component: Precontact lithic scatter and historic artifacts and features	Yes	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35KL3038	Private	Historic: rock wall	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35KL3039	Private	Historic: rock wall	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35KL3040	BLM - Klamath Falls Resource Area	Historic: rock walls	No	Not Eligible	Unevaluated	Not eligible/No effect (9/25/09)	Needs to be reevaluated along with 35KL3038 and 35KL3039.
35KL3041	Private	Ethnohistoric: culturally modified tree and rock cairn	No	Not Eligible	n/a	Treat as eligible/no effect if avoided (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL3042	Private	Historic: refuse (late 19th- early 20th)	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35KL3043	Private	Historic: foundation for CCC building	No	Not Eligible	n/a	Not eligible/no effect (6/09 & 9/25/09)	No further work.
35KL3045	Private	Multi-component: historic artifacts and lithic isolate	No	Unevaluated	n/a	Unevaluated	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL3046	Private	Multi-component: Precontact lithic scatter and historic artifacts (1930s-1940s)	No	Precontact: Unevaluated; Historic: Not Eligible	n/a	Treat as eligible/Potential for adverse effect (9/25/09)	Site needs to be tested.
35KL3047	Private	Historic: artifact scatter 1880s- 1930s	No	Not Eligible	n/a	Not eligible/No effect (9/25/09, 1/18/18)	No further work.
35KL3051	Private	Precontact lithic scatter. Railroad on west side of site	No	Unevaluated	n/a	treat as eligible/no effect if avoided (9/25/09)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL3052	Private	Historic: artifact scatter 1890-1940s	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.
35KL3054	City, County	Historic: refuse	No	Not Eligible	n/a	Not eligible/No effect (9/25/09, 1/18/18)	No further work.
35KL3055	Private	Multi-component: Precontact point and Historic water tower base and artifacts	No	Not Eligible	n/a	Not eligible/No effect (9/25/09)	No further work.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35KL3056	Private	Multi-component: Precontact flakes in one probe and Historic foundation	No	Not Eligible	n/a	Not eligible/No effect (6/9/09 & 9/25/09)	No further work.
35KL3057	BLM - Klamath Falls Resource Area	Historic: water conveyance feature	No	n/a	Unevaluated	Unevaluated, Treat as eligible (1/18/18)	No further work needed. Site is adjacent to improved road and will not be affected by the Project. Requires additional survey with 35KL2888.
35KL3264	Private	Historic: Lumber yard with 9 features, machinery station, 2 loading docks, etc.	No	Unevaluated	n/a	Unevaluated (2/11/16)	Needs additional survey to locate precise boundary and determine if site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL3281	Private	Historic: 3 rail berms	No	Unevaluated	n/a	Unevaluated (2/11/16)	Needs additional survey to locate precise boundary and determine if site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL3610	Private	Precontact: lithic, shell, and faunal scatter	No	Unevaluated	n/a	Unevaluated (10/14/11).	Site needs to be tested.
35KL4323	Private	Historic: transmission line remains	No	Unevaluated	n/a	Unevaluated/no effect if avoided (2/11/16)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL4330	Private	Historic: trash scatter (Late 1800s -1920s)	Yes	Not Eligible	n/a	Eligible/testing required to confirm eligibility (2/11/16)	No further work.
35KL4548 (HRA-1227-723)	Private	Precontact: stacked rock feature	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Route has been rerouted around site with 90 ft buffer. Site can be avoided. Need site-specific Avoidance and Protection Plan.
35KL4549 (HRA-1227-726)	Private	Historic: artifact scatter	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site needs to be tested.

TABLE L-14 (continued)							
Archaeological Sites Identified in or Adjacent to the Pacific Connector APE							
Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
35KL4550 (HRA-1227-730)	Private	Historic: debris scatter	No	Unevaluated	n/a	Unevaluated, Treat as eligible (1/18/18)	Site can be avoided. Need site-specific Avoidance and Protection Plan.
95369 Stock Slough Lane	Private	Historic: Dairy farm (ca. 1940s)	No	Eligible	n/a	Pending	Site can be avoided. Need site-specific Avoidance and Protection Plan.
95424 S. Coos River Lane	Private	Historic: Agricultural complex (20 th c.)	No	Not Eligible	n/a	Pending	No further work (pending SHPO concurrence on Derr et al. 2018).
Dora Cemetery	Private	Historic: cemetery with approx. 200 graves 1870s-present. Former church now gone	No	Unevaluated	n/a	Eligible. No effect if avoided (9/25/09)	Resource can be avoided. Need site-specific Avoidance and Protection Plan.
HRA-1227-724i	Private	Precontact: isolate	No	Unevaluated	n/a	Treat as eligible (1/18/18)	Needs additional survey (shovel probes) to confirm resource is an isolate
HRA-1227-727i	Private	Precontact: isolate	No	Unevaluated	n/a	Treat as eligible (1/18/18)	Needs additional survey (shovel probes) to confirm resource is an isolate
HRA-206 (Columbia Forest Products)	Private	Historic: wood mill structures dating back to the 1930s	No	Unevaluated	n/a	Eligible but no adverse effects (12/30/08)	Resource can be avoided. Need site-specific Avoidance and Protection Plan.
Kentuck Slough Water Control System <u>b/</u>	County, Private	Historic features	No	Not Eligible	n/a	Not Eligible (9/24/18)	No further work.
Klamath Irrigation Project <u>c/</u>	Reclamation (Managed by)	Water Conveyance	No	Eligible	Eligible	Unknown	Bore under canals.
McCullough Bridge	ODOT	Aboveground	No	n/a	n/a	Eligible (listed in2005)	Resource Avoided. No further work.
Medford Aqueduct	Private	Aboveground	No	n/a	n/a		Needs additional survey for documentation.
Noah Cemetery	Private	Historic: cemetery	Not recorded or tested for this project	Unevaluated	n/a	Pending	Resource can be avoided. Need site-specific Avoidance and Protection Plan.

TABLE L-14 (continued)

Archaeological Sites Identified in or Adjacent to the Pacific Connector APE

Site Trinomial/Name	Landowner	Cultural Type	Tested	HRA Evaluation	Agency Evaluation	SHPO Evaluation	Management Recommendations
North Hanley Ditch	Private	Historic irrigation feature	No	Unevaluated	n/a		Needs additional survey for documentation.
Reported burial area	Private	Reported human remains	No	n/a	n/a	n/a	Resource is adjacent to improved road and will not be affected by the Pipeline. Need site-specific Avoidance and Protection Plan.
Reported cemetery	Private	Reported human remains	No	n/a	n/a	n/a	Resource is adjacent to improved road and will not be affected by the Pipeline. Need site-specific Avoidance and Protection Plan.
Reported village/burial	Private	reported village with human remains	No	n/a	n/a	n/a	Needs testing to determine if site is present
South Hanley Ditch	Private	Historic: irrigation feature	No	Unevaluated	n/a		Needs additional survey for documentation.
Southern Pacific Railroad	Port	Historic Railroad Bridge (ca. 1916)	No	n/a	n/a	Not Eligible	Resource Avoided. No further work.
Terry Property	Private	Aboveground house	n/a	Not Eligible	n/a	Pending	No further work (pending SHPO concurrence with built environment component of Derr et al. 2017).
Waechter House	Private	Aboveground building	No	Not Eligible	n/a	Pending	No further work for building (pending SHPO concurrence with built environment component Derr et al. 2017). However, structure is within boundary of Site 35DO1054 which requires Phase II testing.

a/ Although survey reports completed for the Project variably refer to NRHP eligibility recommendations of “potentially eligible,” “undetermined,” and “unevaluated,” these terms are considered synonymous for the purposes of this analysis. Therefore only unevaluated is used here for consistency.

b/ Site is also within the Jordan Cove area of potential effect (APE); however, impacts from the two project components may differ.

c/ The Klamath Irrigation Project was documented by Bowden et al. (2009) as within the APE of the Project at that time. Although it was not included in Resource Report 4 or in Derr et al. (2017:Appendix B) as within the current APE, a response to a FERC Environmental Information Request in May 2018 indicated the APE crosses 16 features of the irrigation system, for a total of 20 times (the 5-A drain is crossed five times). As such, it is included in this analysis.

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