

APPENDIX E

Amended Programmatic Agreement and Record of Consultation

E1 Amended Programmatic Agreement

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Programmatic Agreement

Among
The U.S. Department of State,
National Park Service,
U.S. Army Corps of Engineers,
U.S. Department of Agriculture Farm Service Agency,
U.S. Department of Agriculture Natural Resources Conservation Service,
U.S. Department of Agriculture Rural Utilities Service,
U.S. Bureau of Indian Affairs,
U.S. Bureau of Land Management,
U. S. Bureau of Reclamation,
Western Area Power Administration,

Advisory Council on Historic Preservation,
Kansas State Historic Preservation Officer,
Montana Department of Environmental Quality,
Montana Department of Natural Resources and Conservation,
Montana State Historic Preservation Officer,
Nebraska State Historic Preservation Officer,
South Dakota State Historic Preservation Officer,
and
TransCanada Keystone Pipeline, LP

Regarding the Keystone XL Pipeline Project

WHEREAS, the U.S. Department of State (DOS) receives and considers applications for permits for cross-border oil pipelines pursuant to the authority delegated by the President of the United States under Executive Order (EO) 13337 (69 Federal Register 25299); and

WHEREAS, the DOS received an application for a Presidential Permit from TransCanada Keystone Pipeline, LP (Keystone) in September 2008 for the Keystone XL Pipeline Project (Keystone XL Project or the Project) which consisted of approximately 1,375 miles of new crude oil pipeline in Montana, South Dakota, Nebraska, Oklahoma, and Texas with associated effects in Kansas; and

WHEREAS, the DOS determined that issuance of a Presidential Permit for the proposed Keystone XL Project include a consultation and review process consistent with Section 106 of the National Historic Preservation Act (NHPA) (16 U.S.C. 470f, as amended) and its implementing regulations, "Protection of Historic Properties"; and

WHEREAS, the DOS developed a Programmatic Agreement (PA) in consultation with relevant state and federal agencies, Indian tribes, Keystone, and the public and executed this PA in August 2011; and

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WHEREAS, the Keystone XL Project Presidential Permit application was denied in January 2012; and

WHEREAS, on May 4, 2012, Keystone submitted an application for a revised Keystone XL Pipeline Project using a route in Montana and South Dakota largely unchanged from that proposed in the 2008 Keystone application and a substantially changed route in Nebraska that sought to avoid the Sands Hills Region identified by the Nebraska Department of Environmental Quality and terminates at Steele City, Nebraska; and

WHEREAS, the Oklahoma and Texas sections of the pipeline proposed in the 2008 Keystone application are no longer part of the application received in 2012 and, therefore, the Oklahoma and Texas State Historic Preservation Offices have no further obligations under this PA; and

WHEREAS, the proposed Project undertaking consists of construction of approximately 875 miles of new crude oil pipeline in the United States, as described in section 2.1 of the Final Supplemental Environmental Impact Statement (SEIS) and Attachment H, of which approximately 209 miles (24%) were not part of the 2008 Keystone XL Presidential Permit application; and

WHEREAS, the revised Keystone XL Project Area of Potential Effects (APE) includes: (1) in Montana—a 300-foot-wide corridor, 150 feet on each side of the centerline; (2) in South Dakota—a 300-foot-wide corridor, 150 feet on each side of the centerline; (3) in Nebraska—a 300-foot-wide corridor, 150 feet on each side of the centerline in areas consistent with the route evaluated in the Final EIS for the 2008 Keystone XL application. Within those areas outside the route evaluated in the Final EIS for the 2008 Keystone XL application, the APE consists of a 500-foot-wide corridor, 250 feet on each side of the centerline. For construction or modification of electrical facilities (including distribution lines, transmission lines, and substations), a 100-foot-wide corridor centered on the Project centerline will be used. For pumping stations, including two new pump stations in Kansas on the existing Keystone Cushing Extension pipeline, and other areas that are to be disturbed by construction-related activities and ancillary facilities (including construction camps and pump stations), the APE will include all areas of disturbance and areas to be indirectly affected; and

WHEREAS, the DOS, in consultation with the Advisory Council on Historic Preservation (ACHP), has determined that the Keystone XL PA executed in August 2011 should be amended to reflect the route proposed in the new Presidential Permit application and input from subsequent consultation; and

WHEREAS, the DOS has determined that the construction of the Keystone XL Project may have an adverse effect on historic properties listed in or eligible for listing in the National Register of Historic Places (NRHP), as defined in Stipulation I.C below, and has consulted with the Montana, South Dakota, Nebraska, and Kansas State Historic Preservation Officers (SHPOs), Indian tribes who may ascribe religious and cultural significance to historic properties that may be affected by the undertaking, the ACHP, other federal agencies with actions related to this undertaking, and other consulting parties consistent with 36 C.F.R. Part 800; and

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WHEREAS, consistent with 36 C.F.R. §§ 800.4(b)(2) and 800.5(a)(3), the DOS has elected to phase identification and evaluation of historic properties, and application of the criteria of adverse effect, respectively, because the undertaking and APE have changed necessitating additional efforts to identify historic properties and because access to some areas as identified in Attachment A has been restricted by property owners' refusal to grant Keystone permission to enter their private property; and

WHEREAS, consistent with 36 C.F.R. § 800.14(b), the DOS has elected to execute this PA for the Keystone XL Project because effects on historic properties cannot be fully determined prior to the issuance of a permit for the undertaking; and

WHEREAS, on February 2, 2011 the ACHP entered consultation for the Keystone XL pipeline as originally proposed finding that criteria 3 and 4 of Appendix A, Criteria for Council Involvement in Reviewing Individual Section 106 Cases, of the regulations (36 C.F.R. Part 800) implementing Section 106 of NHPA, had the potential to be met; and

WHEREAS, the United States Army Corps of Engineers (USACE) has determined that the approval for the Keystone XL Project to cross USACE-administered lands (30 U.S.C. § 185) and to place structures in, under, or over navigable waters of the United States, as defined under 33 C.F.R. Part 329, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403), and a permit for the placement of dredge or fill material in waters of the United States as part of the Keystone XL Project in accordance with Section 404 of the Clean Water Act (33 U.S.C. § 344), are Federal actions related to the undertaking that require the USACE to comply with Section 106 of NHPA; and

WHEREAS, the U.S. Bureau of Land Management (BLM) has determined that approving the Keystone XL Project to cross Federal lands administered by the BLM would require authorization under Section 28 of the Mineral Leasing Act of 1920, 30 U.S.C. § 185, as amended; and

WHEREAS, the BLM has determined that Keystone will require access roads crossing public lands administered by the BLM in support of the Keystone XL Pipeline Project and that the access roads will require authorization under Title V of the Federal Land Policy and Management Act (FLMPA), 43 U.S.C. § 1701, as amended; and

WHEREAS, the BLM has determined that the Keystone XL Project will require electrical power from rural electrical cooperatives and that portions of the transmission lines will cross public lands administered by the BLM and that the transmission lines crossing public lands will require authorization under Title V of the FLMPA; and

WHEREAS, the BLM approvals of these Project crossings in areas under its jurisdiction is a Federal action associated with the undertaking that requires the BLM to comply with Section 106 of the NHPA and 36 C.F.R. Part 800; and

WHEREAS, the U.S. Bureau of Reclamation (USBR) manages lands and facilities that will be crossed by the Keystone XL Project and USBR approval of such crossings is a Federal action

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related to the undertaking that requires the USBR to comply with Section 106 of the NHPA and 36 C.F.R. Part 800; and

WHEREAS, the Farm Service Agency (FSA), assists landowners on private lands and may have federal responsibilities and requirements on some of these lands, which are part of the Project APE, as part of its loan and conservation programs, including the Conservation Reserve Program and the Farmable Wetlands Program; and

WHEREAS, the FSA approval of the Project crossings in these areas is a Federal action associated with the undertaking that requires the FSA to comply with Section 106 of the NHPA and 36 C.F.R. Part 800; and

WHEREAS, the Rural Utilities Service (RUS) has determined that the financial assistance it may provide to rural electric cooperatives and other entities for construction or modification of electrical facilities (including distribution lines, transmission lines, and substations) to power some Keystone XL Project pump stations or to ensure transmission system reliability, under the U.S. Department of Agriculture (USDA) Rural Development Utilities Programs, are Federal actions related to the undertaking that require the RUS to comply with Section 106 of NHPA and 36 C.F.R. Part 800; and

WHEREAS, the Bureau of Indian Affairs (BIA) has responsibility for approving any right-of-ways crossing Indian Trust lands, such as those being considered as part of the route for a 230-kilovolt (kV) transmission line in south-central South Dakota associated with the Keystone project and described in Appendix J to the SEIS, and this is a Federal action related to the undertaking that requires the BIA to comply with Section 106 of the NHPA and 36 C.F.R. Part 800; and

WHEREAS, the Western Area Power Administration (Western) has determined that the modification and construction of substations and transmission lines that Western will own and that will provide power to the Keystone XL Pipeline Project, will require review under Section 106 of NHPA and 36 C.F.R. Part 800; and

WHEREAS, the Natural Resources Conservation Service (NRCS) has conservation easement interests in the states through which the Keystone XL pipeline will traverse; and

WHEREAS, the NRCS has determined that approving the Keystone XL Pipeline to cross an NRCS easement constitutes a federal action associated with the undertaking that requires NRCS to comply with Section 106 of the NHPA and 36 C.F.R. Part 800; and

WHEREAS, the proposed revised Keystone XL Project pipeline alignment crosses five National Historic Trails (the Lewis and Clark, Oregon, California, Mormon Pioneer, and Pony Express National Historic Trails), all of which were designated by the U.S. Congress and have as their purpose “the identification and protection of the historic route and its historic remnants and artifacts for public use and enjoyment” (National Trails System Act, P.L. 90-543, as amended); and

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WHEREAS, the National Park Service (NPS) administers National Historic Trails and is a signatory to this PA due to the potential for adverse effects to five National Historic Trails including the Lewis and Clark National Historic Trail; and

WHEREAS, the USACE, BLM, RUS, BIA, NRCS, NPS, Western, USBR, and FSA have designated the DOS as the lead Federal agency for purposes of Section 106 of the NHPA consistent with 36 C.F.R. § 800.2(a)(2); and

WHEREAS, the DOS will incorporate this PA into its decisional process on any Presidential Permit that it may issue for the Keystone XL Project and will include in any permit it issues on the Keystone XL Project a condition that Keystone will abide by its commitments in this PA; and

WHEREAS, the USACE, BLM, RUS, BIA, NRCS, NPS, Western, USBR, and FSA will each incorporate this PA into its decisional process on any authorization, approval, permit, or assistance it may issue for the Keystone XL Project, and will include in any authorization, approval, permit, or assistance it issues on the Keystone XL Project, a condition that Keystone will abide by its commitments in this PA; and

WHEREAS, cultural resource identification, evaluation, and effect assessment efforts, including those needed to address the changes in the APE, are summarized in Section 3.11 of the SEIS and Attachment G of this PA; and

WHEREAS, additional efforts to identify, evaluate and assess effects to historic properties for the Project will take place after the execution of this PA because access to some areas has been restricted, as summarized in Attachment A, and all areas of construction have yet to be determined; and

WHEREAS, for the purposes of this PA, “Indian tribes and Nations” shall have the same definition as “Indian tribes” which appears in Section 301(4) of the NHPA; and

WHEREAS, the DOS invited the 84 Indian tribes listed in Appendix B to participate in consultation; and

WHEREAS, the DOS provided Indian tribes the opportunity to provide information about historic properties of concern to Indian tribes and conduct Traditional Cultural Property (TCP) studies within the proposed Project APE, as summarized in Attachment I; and

WHEREAS, the DOS invited Indian tribes that participated in consultation in 2011 and 2013 to sign as Concurring Parties to this PA, consistent with 36 C.F.R. §§ 800.2(c)(2) and 800.6(c)(3); and

WHEREAS, other federal agencies that develop actions related to this undertaking subsequent to the execution of this PA may comply with Section 106 by following the requirements set forth in Stipulation XIV of this PA; and

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WHEREAS, the Montana Department of Natural Resources and Conservation has participated in consultation and was invited by the DOS consistent with 36 C.F.R. § 800.6(c)(2) to sign the PA in 2011 and amendments to the PA in 2013 as an invited signatory; and

WHEREAS, the Montana Department of Environmental Quality has participated in consultation and was invited by the DOS consistent with 36 C.F.R. § 800.6(c)(2) to sign the PA in 2011 and amendments to the PA in 2013 as an invited signatory; and

WHEREAS, Keystone, which would construct the Keystone XL Project pipeline if approved, has participated in consultation, and was invited by the DOS consistent with 36 C.F.R. §§ 800.2(c)(4) and 800.6(c)(2) to sign the PA in 2011 and amendments to the PA in 2013 as an invited signatory; and

WHEREAS, the DOS has provided the public with information about the undertaking and its effects on historic properties and sought public comment and input consistent with 36 C.F.R. §§ 800.2(d) from April 2009 through Federal Register notices, direct mailings, extensive scoping and comment meetings, and inviting comments from the public by phone, mail, fax, and email during public comment periods on the Keystone XL Pipeline Presidential Permit applications; and

NOW, THEREFORE, the DOS, USACE, BLM, RUS, BIA, FSA, NRCS, Western, USBR, NPS, ACHP, and the Montana, South Dakota, Nebraska, and Kansas SHPOs agree that the following stipulations will be implemented in order to take into account the effect of the undertaking on historic properties and to ensure actions consistent with Section 106 of the NHPA.

STIPULATIONS

The DOS, BLM, RUS, BIA, FSA, NRCS, Western, USACE, USBR, and NPS as appropriate, will ensure that the following stipulations are carried out.

I. STANDARDS AND DEFINITIONS

- A. Identification and evaluation studies and treatment measures required under the terms of this PA will be carried out by or under the direct on-site supervision of a professional who meets, at a minimum, the *Secretary of the Interior's Historic Preservation Professional Qualification Standards* (48 FR 44716, September 29, 1983). These qualification standards do not apply to individuals recognized by consulting Indian tribes to have expertise in identification, evaluation, assessment of effect, and treatment of effects to historic properties of religious and cultural significance to Indian tribes.
- B. In developing scopes of work for identification and evaluation studies, and treatment measures required under the terms of this PA, Keystone and RUS borrowers, and other contractors working with Federal agencies, will take into account the following regulations and guidelines:

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1. The ACHP's guidance on conducting archaeology under Section 106 (2007);
2. The ACHP's *Policy Statement Regarding the Treatment of Burial Sites, Human Remains and Funerary Objects* (February 23, 2007);
3. Applicable SHPO and Tribal Historic Preservation Office guidance;
4. The Secretary of the Interior's *Standards and Guidelines for Archaeology and Historic Preservation* (48 FR 44716-42, September 29, 1983);
5. The "Treatment of Archaeological Properties" (ACHP 1983);
6. The *Guidelines for Reporting on Cultural Resources Investigations for Pipeline Projects*" (Federal Energy Regulatory Commission, Office of Energy Projects, December 2002);
7. Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403);
8. Section 404 of the Clean Water Act (33 U.S.C. § 344);
9. BLM 8110 Manual: Identifying and Evaluating Cultural Resources;
10. Montana/Dakotas Cultural Resources Handbook 8110-1: Guidelines for Identifying Cultural Resources;
11. The National Trails System Act (P.L. 90-543, as amended);
12. Section 28 of the Mineral Leasing Act of 1920 (30 USC 185);
13. Title V of the Federal Land Policy and Management Act of 1976 (43 USC 1701); and
14. *National Register Bulletin 38, Guidelines for Evaluating and Documenting Traditional Cultural Properties* (NPS 1990; Revised 1992: 1998)

C. Definitions

Coordination Plan: A plan that, pursuant to Stipulations V.B and V.D, describes the coordination of construction with identification and evaluation of cultural resources, treatment of adverse effects, and protection of unanticipated discoveries.

Concurring Parties: An invited consulting party to this PA that agrees with the content of the PA. Consistent with 36 C.F.R. § 800.6(c)(3), the refusal of a Concurring Party to sign the PA does not invalidate this PA. Concurring Parties may not terminate the PA.

Construction Spread: A construction unit or segment of a pipeline alignment or corridor to be determined by Keystone prior to construction.

Consulting Indian Tribes: Indian tribes that have consultative roles in the Section 106 process consistent with 36 C.F.R. § 800.2(c).

Consulting Parties: Parties that have consultative roles in the Section 106 process consistent with 36 C.F.R. § 800.2(c).

Data Recovery: The recovery of archaeological information from a historic property subject to an adverse effect.

Determination of Effect: A determination made by a Federal agency in regards to a Project's effect upon a historic property consistent with 36 C.F.R. Part 800.

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Determination of Eligibility: A determination made by a Federal agency, in coordination with the SHPO and/or designated representatives of consulting Indian tribes, as appropriate, respecting a cultural resource's eligibility for inclusion in the NRHP and more fully described in 36 C.F.R. Part 60 and 36 C.F.R. § 800.16(l)(2).

Effect: An alteration to the characteristics of a historic property qualifying it for inclusion in or eligibility for the NRHP (see 36 C.F.R. § 800.16(i)).

Environmental Impact Statement: An analysis of a major Federal action's environmental impacts conducted consistent with NEPA.

Historic Property: Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the NRHP maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria (see 36 C.F.R. § 800.16(l)(1)).

Invited Signatory: The DOS has invited Keystone, the Montana Department of Natural Resources and Conservation, and the Montana Department of Environmental Quality to sign this PA consistent with 36 C.F.R. § 800.6(c)(2). The refusal of any invited signatory to sign the PA does not invalidate the PA. An invited signatory, listed above, that has signed the PA, may terminate the PA consistent with 36 C.F.R. § 800.6(c)(8).

Historic Trail and Archaeological Monitoring Plan: A plan that, pursuant to Stipulation V.E and Attachment F, identifies appropriate areas for monitoring construction by professionals under the supervision of individuals who meet the professional qualifications in Stipulation I. The plan's principal goal is to reduce the potential for impacts to unidentified historic properties.

Signatory: The signatories are: the DOS, BLM, USBR, USACE, NPS, Western, RUS, NRCS, FSA, BIA, ACHP, and the SHPOs of Kansas, Montana, South Dakota, and Nebraska. Only signatories and the invited signatories, as defined, may terminate the PA consistent with 36 C.F.R. § 800.6(c)(8).

Tribal Monitoring Plan: A plan that, pursuant to Stipulation V.E and Attachment E, identifies appropriate areas for monitoring construction by tribal members appointed by their respective Indian tribes. These tribal members shall meet the qualifications as noted in Stipulation V.E.3. The plan's principal goal is to reduce the potential for impacts to previously unidentified historic properties that may also be properties of religious and cultural significance to Indian tribes that meet the National Register criteria (see 36 C.F.R. § 800.16(1)(a)).

Treatment Plan: A plan developed in consultation with the parties to this PA that identifies the minimization and mitigation measures for historic properties located within the APE that will be adversely affected by the Project.

II. CONFIDENTIALITY

The DOS, BLM, NRCS, BIA, FSA, RUS, Western, USBR, NPS, USACE, and Keystone will safeguard information about historic properties of religious and cultural significance to Indian tribes, including location information, or information provided by Indian tribes to assist in the identification of such properties, consistent with Section 304 of NHPA, 16 U.S.C. § 470w3, and all other applicable laws.

III. THE RESPONSIBILITIES OF FEDERAL AGENCIES WITH LAND MANAGEMENT AND OTHER PERMITTING AUTHORITIES

- A. The USACE will ensure, for that part of the APE under its jurisdiction, that it has met its compliance obligations pursuant to Section 10 and Section 404 permitting authority.
- B. The BLM will comply with Section 106 and its implementing regulations (36 C.F.R. Part 800) for the issuance of permits for those actions under its jurisdiction.
- C. The USBR will review and comment on the evaluation and treatment of any historic properties managed by the USBR.
- D. Attachment H includes maps that illustrate the Project areas that cross lands managed by the BLM and the USBR.
- E. Consultation for this Project between Indian tribes and Federal land management and permitting agencies will be coordinated through the DOS.

IV. KEYSTONE XL PROJECT—CONSTRUCTION OR MODIFICATION OF ELECTRICAL DISTRIBUTION/TRANSMISSION FACILITIES

- A. Prior to granting approval of financial assistance to construct or modify electrical facilities by rural electric cooperatives or other entities, the RUS will complete the requirements of 36 C.F.R. §§ 800.3 through 800.7 and notify the DOS of the outcome.
- B. In implementing Stipulation IV.A, the RUS may authorize a borrower to initiate Section 106 consultation in accordance with 36 C.F.R. § 800.2(c) (4). The RUS issued a blanket delegation for its borrowers to initiate Section 106 consultation in July 2009 and reissued the blanket delegation with some revision in August 2012. As the RUS recognized in those memos, the RUS may not delegate its responsibility to conduct government-to-government consultation with Indian tribes to a borrower, unless the RUS and that Indian tribe agree, in writing, to conduct consultation in that manner.
- C. Prior to construction of the 230-kV transmission line that Western will own, Western will complete the requirements of 36 C.F.R. §§ 800.3 through 800.7. In implementing

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Stipulation IV.C., Western will serve as a signatory under the PA. Western shall coordinate implementation of Stipulation IV.C with the DOS.

- D. The RUS will ensure that the terms of Stipulations VI.B and VI.C are incorporated into construction contracts to ensure that its borrowers and construction contractors meet their responsibility for notification of any unanticipated discoveries. When RUS-funded projects occur on BLM land, the RUS will coordinate with the BLM to ensure compliance with Stipulations VI.B and VI.C of this PA.
- E. Prior to granting approval or financial assistance for construction or modification of electrical distribution/transmission facilities that are necessary components of the pipeline project and therefore considered within the Project APE, any Federal agency that is incorporated into this PA pursuant to Stipulation XIV will complete the requirements of 36 C.F.R. §§ 800.3 through 800.7 for those facilities under its jurisdiction and notify the DOS of the outcome if not already carried out elsewhere in this PA.
- F. The DOS retains responsibility for completing the requirements of 36 C.F.R. §§ 800.3 through 800.7 for those electrical distribution/transmission facilities that are necessary components of the Project if they are not under the jurisdiction of any Federal agency and not referenced in Stipulation IV, A through E above.

V. KEYSTONE XL PROJECT – PIPELINE CONSTRUCTION

- A. The DOS has provided SHPOs, designated representatives of consulting Indian tribes, and other consulting parties with an opportunity to provide their views on the identification and evaluation of historic properties, consistent with 36 C.F.R. § 800.16(l)(1), including historic properties of religious and cultural significance to Indian tribes, and the treatment of affected historic properties, in connection with the construction of the Keystone XL Project. It will continue to provide all consulting parties with an opportunity to provide their views on the identification and evaluation of historic properties, assessment of effects, and treatment of adverse effects after approval of amendments to this PA.
- B. Identification and Evaluation of Historic Properties
 - 1. In consultation with the SHPOs, designated representatives of consulting Indian tribes, and other consulting parties, the DOS will make a reasonable and good faith effort to complete the identification and evaluation of historic properties within the APE for each construction spread, including in areas yet to be surveyed outlined in Attachment A, prior to the initiation of construction of that spread, consistent with 36 C.F.R. §§ 800.4(a), (b), and (c). On Federal lands, the scope of the identification effort will be determined by the DOS in consultation with the appropriate Federal land managing agency, applicable SHPOs, designated representatives of consulting Indian tribes, and other consulting parties.

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2. The DOS will make a reasonable and good faith effort to complete the identification and evaluation of historic properties, as appropriate, consistent with 36 C.F.R. §§ 800.4(a), (b), and (c), before Keystone initiates construction activities (including vegetative clearing to comply with the Migratory Bird Treaty Act, if clearing is undertaken).
 - a. In the identification and evaluation of historic properties to which Indian tribes may attach religious and cultural significance, the DOS will take into consideration information submitted by Indian tribes to the DOS prior to construction through consultations and through the protocols for TCP studies, post-review discovery, and the Tribal Monitoring Plan, as set forth in this PA.
 - b. In the event identification of historic properties cannot be completed for any Construction Spreads prior to construction, Keystone will develop and submit a Coordination Plan to the DOS for review and approval pursuant to Stipulation V.D. The Coordination Plan must describe the measures Keystone will use to implement and complete the identification and evaluation of cultural resources and appropriate consultation before any historic properties are adversely affected by vegetation clearing and construction activities related to that spread.

C. Treatment of Historic Properties

1. Whenever feasible, avoidance of adverse effects to historic properties will be the preferred treatment. In consultation with the DOS, ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties, Keystone may elect to consider and implement avoidance measures prior to completing the evaluation of historic properties.

Avoidance measures may include:

- a. Avoidance through pipeline or access road route variation or Project feature relocation;
 - b. Avoidance through abandonment;
 - c. Avoidance through bore or horizontal directional drill;
 - d. Avoidance by narrowing the construction corridor (“neck down”); or
 - e. Avoidance through the use of existing roadways as Project access roads to the extent practicable.
2. When historic properties are identified in the APE pursuant to Stipulation V.B, the DOS will apply criteria of adverse effect consistent with 36 C.F.R. § 800.5(a) in consultation with the ACHP, SHPO, designated representatives of consulting Indian tribes, and other consulting parties. If the DOS finds that historic properties might be adversely affected by actions covered under this PA and within the APE, the DOS will consult with the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties to determine prudent and feasible ways to avoid adverse effects.

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- a. Once the DOS approves avoidance measures, Keystone will implement those measures.
3. If the DOS determines that the adverse effect cannot be avoided, the DOS will consult with the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties to determine those measures to be implemented by Keystone to minimize and mitigate adverse effects on affected historic properties identified in the APE.
4. If, after consultation, the DOS determines that the adverse effect cannot be avoided, Keystone will draft a comprehensive Treatment Plan for each adversely affected historic property. The Treatment Plan will describe the measures identified by the DOS under Stipulation V.C.3 to minimize and mitigate the adverse effect of pipeline construction activities on historic properties, the manner in which these measures will be carried out, and a schedule for their implementation.
 - a. When mitigation consists of or includes Data Recovery, the Treatment Plan also will identify the specific research questions to be addressed by Data Recovery with an explanation of their relevance, the archaeological methods to be used, and provisions for public interpretation and education, subject to Stipulation II restrictions, if any. Management summaries of all archaeological investigations must be submitted to the DOS, relevant Federal agencies, and the SHPO for review and approval prior to the commencement of construction activities and construction may be authorized on the basis of information contained in those summaries. Designated representatives of consulting Indian tribes will be notified for their information and awareness and may provide any relevant information to DOS and SHPO within nine (9) calendar days to inform their review of the summaries. Final reports must be submitted to the DOS and the SHPO for review within six months of the completion of the fieldwork.
 - b. A Treatment Plan may also include mitigation for adverse effects to historic districts, buildings and structures, and to TCPs and other properties of religious and cultural significance to Indian tribes. This mitigation may include the recordation of historic properties according to Historic American Building Survey/Historic American Engineering Record Standards and Guidelines for Architectural and Engineering Documentation. Other types of mitigation for adverse effects to historic districts, buildings, and structures, and to TCPs and other properties of religious and cultural significance to Indian tribes may also be described in the Treatment Plan. The mitigation proposed for an adverse effect to a historic district, building, and/or structure, and to TCPs and other properties of religious and cultural significance to Indian tribes will be commensurate with the level of significance and extent of adverse effect and will be determined in a manner consistent with Stipulation V.C.4.c.
 - c. Keystone will submit the draft Treatment Plan to the DOS, BLM (if applicable), ACHP, designated representatives of consulting Indian tribes, the SHPO of the

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applicable state, Montana Department of Environmental Quality (if applicable), Montana Department of Natural Resources and Conservation (if applicable), and other applicable consulting parties for a forty-five (45) calendar day review. Keystone will address timely comments and recommendations submitted by SHPOs, designated representatives of consulting Indian tribes, and other consulting parties in preparation of the Final Treatment Plan.

- d. When it has addressed all of the timely comments and recommendations, Keystone will submit the Final Treatment Plan to the DOS for review and approval. Keystone will also submit the Final Treatment Plan to the BLM for review and approval when involving lands subject to Stipulation III.C. The DOS and BLM will issue their final decision on the Treatment Plan within thirty (30) calendar days. Once the Final Treatment Plan is approved by the DOS (and the BLM if involving BLM-managed lands), copies of the Treatment Plan will be distributed to all SHPOs, designated representatives of consulting Indian tribes, and other consulting parties.
5. Keystone will make a reasonable and good faith effort to complete implementation of the Final Treatment Plan approved by the DOS prior to beginning construction of any spread for which the Treatment Plan is required. If it is not possible to meet this schedule, Keystone will develop a Coordination Plan in accordance with Stipulation V.D that establishes how appropriate treatment will be determined and implemented during construction of the respective spread.

D. Coordination of Construction and Historic Preservation Activities

1. The DOS will make a reasonable and good faith effort to complete the identification and evaluation of historic properties and potential historic properties, and the mitigation of adverse effects to them in accordance with Stipulations V.B and V.C prior to the initiation of vegetative clearing if vegetative clearing and construction on the Keystone XL spreads, including the Montana, South Dakota, and Nebraska spreads, is to be undertaken.
2. If these DOS activities cannot be completed prior to the start of vegetative clearing and construction of these spreads, Keystone will develop and provide to the DOS a detailed plan describing how the requirements of Stipulations V.B and V.C—identification, evaluation and treatment of historic properties—will be completed in coordination with vegetative clearing and construction activities in such a way that historic properties will not be adversely affected prior to the implementation of any mitigation measures.
 - a. A Coordination Plan will be prepared for each state and will include those measures developed by Keystone pursuant to Stipulations V.B and V.C to complete the identification and evaluation of historic properties, and, as appropriate, mitigation of adverse effects to them during and coordinated with vegetation clearing and construction activities. In addition, the Coordination Plan

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will include a schedule for all proposed activities and recommended measures for the protection of unanticipated discoveries in accordance with Attachment C, as appropriate.

- b. Keystone will submit the draft Coordination Plan for each state for such spreads, including the Kansas, Montana, South Dakota, and Nebraska spreads, to the DOS, BLM (as applicable), ACHP, SHPOs (as applicable), designated representatives of consulting Indian tribes, and consulting parties for forty-five (45) calendar day review. Keystone shall address timely comments and recommendations submitted by the applicable SHPO, designated representatives of consulting Indian tribes, and other consulting parties in preparation of the Final Coordination Plan for each state. When it has addressed all of the comments and recommendations, Keystone will submit the Final Coordination Plan for each state to the DOS for review. The DOS shall issue its final decision on the Coordination Plan for each state within thirty (30) calendar days. Following approval by the DOS, the Final Coordination Plan for each state will be distributed to all of the SHPOs, designated representatives of consulting Indian tribes, and other consulting parties.
 3. Keystone will complete implementation of the Final Coordination Plan approved by the DOS during construction of the Kansas, Montana, South Dakota, and Nebraska spreads.
- E. Historic Trail and Archaeological Monitoring Plan (“HTAM Plan”) and Tribal Monitoring Plan
1. In consultation with the SHPOs and designated representatives of consulting Indian tribes, Keystone will monitor construction in selected areas of the APE of each spread as a supplement to identification efforts. Any historic properties identified by Keystone during monitoring will be treated in accordance with Stipulation VI.A and C.
 - a. The HTAM Plan outlines areas that have been previously identified by the DOS during identification and evaluation efforts that warrant monitoring during soil disturbing activities for potential effects to historic properties.
 - b. The Tribal Monitoring Plan outlines areas that have been previously identified by Indian tribes, either through the preparation of Traditional Cultural Property reports or through consultation, that warrant monitoring during clearing and trenching for potential effects to previously unidentified historic properties that may include properties of religious and cultural significance to an Indian tribe and that meet the National Register criteria (See 36 C.F.R. § 800.16(l)(1)).
 2. Historic Trail monitoring will be performed by a professional who either meets the qualification standards for archaeology established in Stipulation I.A or is under the on-site supervision of such a professional.

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3. At the discretion of the DOS, tribal monitors may substitute other types of experience with construction monitoring and/or traditional cultural knowledge for the degrees required by the Professional Qualification Standards. DOS may also consider other accommodations regarding education and experience where allowed by the Standards and implementing guidance.
4. In consultation with the DOS, Keystone will consider information provided by Indian tribes in a timely manner when completing the identification of historic properties before construction begins as set forth in Stipulation V.B and in the HTAM Plan and Tribal Monitoring Plan provided for under Stipulation V.E. Keystone will ensure that tribal monitors have reasonable access to Project construction sites and activities. In those areas previously identified by Indian tribes as needing monitoring, the Tribal Monitoring Plan stipulates that at least one monitor will be used per Construction Spread depending upon the extent and location of construction activities, as well as the relative historic importance of each Spread to each Indian tribe.
5. Keystone has submitted a plan for historic trail and archaeological monitoring and tribal monitoring for each spread to the DOS, BLM, ACHP, SHPO, designated representatives of consulting Indian tribes, and Consulting Parties for review and comment prior to the signing of this PA. The Tribal Monitoring Plan and HTAM Plan are attached to this PA in Attachments E and F.
6. Keystone will implement the HTAM Plan and Tribal Monitoring Plan for each spread that has been approved by the DOS.

F. Construction

1. Lead Environmental Inspector (EI): Prior to initiating vegetative clearing or construction, Keystone will employ the Lead EI whose responsibilities will include ensuring compliance with the terms of this PA. In meeting this responsibility, the Lead EI will rely on the technical expertise of on-site professionals who meet the standards established in Stipulation I.A and tribal monitors with experience outlined in Stipulation V.E.3.
 - a. The Lead EI will monitor construction activities on-site and prepare a daily log, reporting to Keystone and designated representatives of consulting Indian tribes on activities performed to implement the terms of this PA, as appropriate. Keystone will make the daily log available to the DOS and SHPOs, and other consulting parties upon request.
 - b. Keystone will ensure through the construction contract that the Lead EI will possess the authority to stop construction in the event of an inadvertent discovery in accordance with Stipulation VI.A and Attachment C.

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2. **Training:** Keystone will ensure that, if the Lead EI does not meet the professional qualification standards established in Stipulation I.A, the Lead EI will receive appropriate training in historic preservation from a professional who meets the standards established in Stipulation I.A in order to perform the requirements of this PA. Keystone also will provide an appropriate level of training in historic preservation conducted by a professional who meets the standards established in Stipulation I.A to all construction personnel (including new, added, replaced workers) so that PA requirements are understood and unanticipated discoveries quickly identified. Keystone will conduct this training prior to initiating vegetative clearing or construction activities on a spread. Keystone also will conduct periodic refresher training during construction of the spread.
3. **Construction Contract:** Keystone will incorporate the terms of Stipulation VI.A and Attachment C into construction contracts to ensure that its Lead EI and construction contractors meet their responsibility for notification of the unanticipated discoveries.

F. Scheduling

The DOS may authorize the start of vegetative clearing and construction for an individual spread when the plans prepared in accordance with Stipulations V.D and V.E as appropriate for that spread, have been submitted by Keystone and approved by the DOS in accordance with the terms of this PA.

VI. UNANTICIPATED DISCOVERIES OR ADVERSE EFFECTS DURING CONSTRUCTION OF THE KEYSTONE XL PROJECT

A. Pipeline Construction

1. “Applicable Federal agency” is the Federal agency with jurisdiction for the land on which construction is occurring or, in the absence of such an agency, the DOS, as appropriate.
2. If previously unidentified historic properties are discovered by monitors or construction personnel unexpectedly or unanticipated adverse effects on previously identified historic properties occur as pipeline construction activities are carried out within the one-hundred-and-ten (110) foot-wide construction corridor or other ancillary facilities and access roads within the APE, the construction contractor will immediately halt all construction activity within a one-hundred-and-fifty (150) foot radius of the discovery or adversely affected historic property, notify the Lead EI of the discovery and implement interim measures to protect the discovery from looting and vandalism. Within forty-eight (48) hours of receipt of this notification of the discovery, the Lead EI shall:
 - a. Inspect the work site to determine the extent of the discovery or adverse effect and ensure that construction activities have halted;
 - b. Clearly mark the area of the discovery or adverse effect;

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- c. Implement additional measures other than those mentioned above, as appropriate, to protect the discovery or adversely affected historic property from looting and vandalism; and
 - d. Notify the applicable Federal agency, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties of the discovery or adverse effect.
3. In the case of an unanticipated discovery, the applicable Federal agency will notify all consulting parties that it will be receiving comments concerning the unanticipated discovery and provide contact information. The applicable Federal agency will have seven (7) calendar days following notification provided in accordance with Stipulation VI.A.2 to determine the National Register eligibility of the discovery after considering the timely filed views of the SHPOs, designated representatives of consulting Indian tribes, other consulting parties, and Keystone. The applicable Federal agency may assume the newly discovered property to be eligible for the National Register for the purposes of Section 106 consistent with 36 C.F.R. § 800.13(c).
4. For discovered properties determined eligible or assumed to be eligible pursuant to Stipulation VI.A.3, the applicable Federal agency will notify the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties of those actions that it proposes to resolve adverse effects which may include a Treatment Plan as outlined in Stipulation V.C.
 - a. SHPOs, designated representatives of consulting Indian tribes, and other consulting parties will have ninety-six (96) hours to provide their views on the proposed actions.
 - b. The applicable Federal agency will ensure that the timely filed recommendations of SHPOs, designated representatives of consulting Indian tribes, and other consulting parties are taken into account prior to granting approval of the measures that Keystone will implement to resolve adverse effects.
 - c. Keystone will carry out the approved measures prior to resuming construction activities in the location of the discovery.
5. In the case of unanticipated adverse effects to a previously identified historic property, the applicable Federal agency will notify the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties of those actions that it proposes to resolve adverse effects which may include a Treatment Plan as outlined in Stipulation V.C.
 - a. SHPOs, designated representatives of consulting Indian tribes, and other consulting parties will have forty-eight (48) hours to provide their views on the proposed actions.
 - b. The applicable Federal agency will ensure that the timely filed recommendations of SHPOs, designated representatives of consulting Indian tribes, and other

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- consulting parties are taken into account prior to granting approval of the measures that Keystone will implement to mitigate adverse effects.
- c. Keystone will carry out the approved measures prior to resuming construction activities in the location of the affected property.
6. **Dispute Resolution:** The applicable Federal agency will seek and take into account the recommendations of the ACHP in resolving any disagreements that may arise regarding resolution of adverse effects that relate to the implementation of Stipulation VI.A. The applicable Federal agency will use the contact information provided in Attachment D to notify the ACHP. Within seven (7) calendar days of receipt of such a written request, the ACHP will provide the applicable Federal agency recommendations on resolving the dispute. The applicable Federal agency will take into account any timely filed recommendations provided by the ACHP in making a final decision about how to proceed.

B. Construction or Modification of Electrical Facilities

1. If previously unidentified historic properties are discovered unexpectedly during construction or modification of transmission facilities funded by the RUS, the RUS borrower's construction contractor will immediately halt all construction activity within a one-hundred-and-fifty (150) foot radius of the discovery, notify the RUS borrower of the discovery and implement interim measures to protect the discovery from looting and vandalism. Within forty-eight (48) hours of receipt of this notification of the discovery, the RUS borrower shall:
 - a. Notify the RUS Contact (and BLM Contact if discovery occurs on BLM land);
 - b. Inspect the work site to determine the extent of the discovery and ensure that construction activities have halted;
 - c. Clearly mark the area of the discovery; and
 - d. Implement additional measures, as appropriate, to protect the discovery from looting and vandalism.
2. Upon receipt of such notification the RUS and, if applicable, BLM will coordinate the notification of SHPOs, designated representatives of consulting Indian tribes, and other consulting parties and notify the SHPOs, designated representatives of consulting Indian tribes, and other consulting parties of the discovery.
3. The RUS and, if applicable, BLM will have seven (7) calendar days following notification provided in accordance with Stipulation VI.B.1 to determine the National Register eligibility of the discovery in consultation with the SHPOs, designated representatives of consulting Indian tribes, other consulting parties, and the borrower. The RUS and, if applicable, BLM may assume the newly discovered property to be eligible for the National Register for the purposes of Section 106 pursuant to 36 C.F.R. § 800.13(c).

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4. For properties determined eligible, or treated as such, pursuant to Stipulation VI.B.3, the RUS, in coordination with the BLM (if applicable), will notify the SHPOs, designated representatives of consulting Indian tribes, and other consulting parties of those actions that it proposes to resolve adverse effects. SHPOs, designated representatives of consulting Indian tribes, and other consulting parties will provide their views on the proposed actions within ninety-six (96) hours. The RUS will ensure that the timely filed recommendations of the SHPOs, designated representatives of consulting Indian tribes, and other consulting parties are taken into account prior to granting approval of those actions that the borrower will implement to resolve adverse effects. Once RUS approval has been granted, its borrower will carry out the approved measures prior to resuming construction activities in the location of the discovery.
5. Dispute Resolution: The RUS and, if applicable, BLM will seek and take into account the recommendations of the ACHP in resolving any disagreements that may arise regarding the resolution of adverse effects that relate to the implementation of Stipulation VI.B. The applicable Federal agency will use the contact information provided in Attachment D in order to notify the ACHP. Within seven (7) calendar days of receipt of such a written request, the ACHP will provide the RUS and, if applicable, BLM with its recommendations for resolving the dispute. The RUS and, if applicable, BLM will take into account any recommendations provided by the ACHP in making a final decision about how to proceed.
6. Reporting: No later than six (6) months following the resumption of construction within the location of the discovery, the RUS will submit a final report to the SHPOs, designated representatives of consulting Indian tribes, and other consulting parties describing implementation of the actions taken in accordance with Stipulation VI.B and, as appropriate, the analysis and interpretation of recovered information.

C. Unanticipated Discovery of Human Burials and Remains, and Funerary Objects

1. When Native American human remains or funerary objects or objects of cultural patrimony are unexpectedly discovered during construction of the Keystone XL Project on Federal or tribal lands within the APE, Keystone or an RUS borrower, as appropriate, will notify immediately the Federal agency responsible for compliance with the Native American Graves Protection and Repatriation Act, 25 U.S.C. 3001 et. seq., and its implementing regulations, 43 C.F.R. Part 10.
2. Non-Native American human burials and remains, and funerary objects discovered on Federal lands within the APE will be treated by the Federal agency having jurisdiction of the remains in accordance with applicable Federal law, taking into account the ACHP's *Policy Statement on the Treatment of Burial Sites, Human Remains and Funerary Objects* (February 23, 2007).
3. The DOS, Western, and RUS will treat human burials and remains discovered on non-Federal land consistent with the provisions of Attachment C and any applicable

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federal, state, and local burial laws. In those instances where the USACE has jurisdiction under Section 10 or 404 permitting authority for non-Federal lands in the APE, the applicable Federal agencies will ensure that Keystone complies with the provisions of Attachment C acting in the place of the DOS. In determining appropriate actions to be carried out, the DOS, RUS, and/or other Federal agencies will be guided by the ACHP's *Policy Statement on the Treatment of Burial Sites, Human Remains and Funerary Objects* (February 23, 2007).

VII. CURATION

- A. Federal agencies will curate any artifacts, materials or records resulting from archaeological identification and mitigation conducted on Federal lands under their jurisdiction in accordance with 36 C.F.R. Part 79, "*Curation of Federally-Owned and Administered Archaeological Collections*." Federal agencies with jurisdiction over the Federal lands will consult with Indian tribes consistent with 36 C.F.R. 79.
- B. Keystone and RUS borrowers will return all artifacts recovered from private lands to the respective landowner after analysis is complete, unless applicable state law requires otherwise. Keystone and RUS borrowers will encourage and assist landowners in donating any returned artifacts to a local curation facility identified by the respective SHPO. Keystone shall pay all required curation fees associated with the donation of artifacts to the local curation facility.
- C. On Federally controlled or owned properties, Federal agencies will determine the disposition of human burials, human remains and funerary objects in accordance with applicable Federal law.

VIII. REPORTING

- A. Within three (3) months of completion of pipeline construction of a spread, Keystone will submit a comprehensive draft report to the DOS describing the results and findings of the implementation of the actions and plans specified in Stipulations V.C through G, VI.A, including Attachment C.
- B. Keystone will submit a draft comprehensive report for each spread to the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties of the respective states in which the spread is located, for forty-five (45) day review and comment. Keystone shall address timely comments and recommendations submitted by ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties in preparation of the Final Comprehensive Report for that spread. Keystone will submit the final report to the DOS for review and approval. The final comprehensive report will be provided by the DOS to the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties once approved.

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IX. MONITORING IMPLEMENTATION OF THE PA

Each quarter following the execution of this PA until it expires or is terminated, the DOS with the assistance of the USACE, BLM, RUS, FSA, NRCS, BIA, and USBR as necessary will provide the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties to this PA a progress report summarizing the work carried out pursuant to its terms. Such report will include any scheduling changes proposed, any problems encountered, and any disputes and objections received in the efforts to carry out the terms of this PA. The DOS will maintain and update a list of the current contact for the ACHP, SHPOs, designated representatives of consulting Indian tribes, and other consulting parties and will be distributed in each quarterly report.

X. DISPUTE RESOLUTION

- A. "Appropriate Federal agency" refers to the DOS, BLM, RUS, USBR, and USACE, or other Federal land managing and/or permitting agency as applicable.
- B. Should any signatory, invited signatory, or concurring party to this PA object at any time to any actions proposed or the manner in which the terms of this PA are implemented, the appropriate Federal agency will consult with such party to resolve the objection. If the appropriate Federal agency determines that such objection cannot be resolved, the appropriate Federal agency will:
 - 1. Forward all documentation relevant to the dispute, including the applicable Federal agency's proposed resolution, to the ACHP. The ACHP will provide the appropriate Federal agency with its advice on the resolution of the objection within thirty (30) calendar days of receiving adequate documentation. Prior to reaching a final decision on the dispute, the appropriate Federal agency will prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP, signatories, invited signatories, and concurring parties, and provide them with a copy of this written response. The appropriate Federal agency will then proceed according to its final decision.
 - 2. If the ACHP does not provide its advice regarding the dispute within the thirty (30) calendar day time period, the applicable Federal agency may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, the appropriate Federal agency will prepare a written response that takes into account any timely comments regarding the dispute from the signatories, invited signatories, and concurring parties to the PA, and provide them and the ACHP with a copy of such written response.
- C. The Federal agencies are responsible for carrying out all other actions subject to the terms of this PA that are not the subject of the dispute.
- D. The process of dispute resolution outlined in Stipulation X does not pertain to disputes that arise from unanticipated discoveries covered in Stipulation VI.

XI. DURATION

This PA will be null and void if all of its stipulations have not been carried out within seven (7) years from the date of its execution. At such time, and prior to work continuing on the Keystone XL Project, the DOS will either: (a) execute a Memorandum of Agreement (MOA) or PA consistent with 36 C.F.R. §§ 800.6 or 800.14(b), respectively; or (b) request, take into account, and respond to the comments of the ACHP consistent with 36 C.F.R. § 800.7. Prior to such time, the DOS may consult with the other signatories and invited signatories to reconsider the terms of the PA and amend it in accordance with Stipulation XII. The DOS will notify the signatories, invited signatories, and concurring parties as to the course of action they will pursue.

XII. AMENDMENT

Any signatory or invited signatory to this PA may propose in writing that it be amended. The signatories and invited signatories will consult in an effort to reach agreement on an amendment. Any amendment will be effective on the date it is signed by all of the signatories and invited signatories and filed with the ACHP.

XIII. TERMINATION

- A. If any signatory or invited signatory to this PA determines that its terms will not or cannot be carried out, that party will immediately consult with the other signatories and invited signatories to attempt to develop an amendment per Stipulation XII. If within thirty (30) calendar days an amendment cannot be reached, any signatory or invited signatory may terminate the PA upon written notification to the other signatories and invited signatories.
- B. Termination by an individual SHPO shall only terminate the application of this PA within the jurisdiction of the SHPO.
 - 1. Once the PA is terminated for an individual state, and prior to work continuing on the undertaking in that state, DOS must either (a) execute a PA pursuant to 36 CFR § 800.6 or (b) request, take into account, and respond to the comments of the ACHP under 36 CFR § 800.7. DOS shall notify the signatories as to the course of action it will pursue.
- C. If the PA is terminated in its entirety, and prior to work continuing on the undertaking, the DOS shall request, take into account, and respond to the comments of the ACHP consistent with 36 C.F.R. § 800.7(a). Following consultation with the ACHP, the DOS will notify the signatories, invited signatories and concurring parties as to the course of action it will pursue.

XIV. COORDINATION WITH OTHER FEDERAL REVIEWS

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In the event that Keystone or a Federal agency applies for additional Federal funding or approvals for the Keystone XL Project and the undertaking remains unchanged, such funding or approving agency may comply with Section 106 by agreeing in writing to the terms of this PA and notifying and consulting with the applicable SHPOs, designated representatives of consulting Indian tribes, and the ACHP. Any necessary modifications will be considered in accordance with Stipulation XII.

XV. SCOPE OF THE PA

This PA is limited in scope to actions that will facilitate the construction of the Keystone XL Project and related facilities, and is entered into solely for that purpose.

EXECUTION of this PA by the DOS, ACHP, BLM, RUS, Western, USACE, USBR, NPS, NRCS, FSA, BIA, the Montana SHPO, South Dakota SHPO, Nebraska SHPO, and Kansas SHPO and implementation of its terms evidence that the DOS, Western, BLM, RUS, NRCS, FSA, BIA, USACE, USBR, and NPS have taken into account the effects of the Keystone XL Project on historic properties and afforded the ACHP an opportunity to comment.

Deborah Klepp / PK for December 23, 2013
Date


Deborah Klepp

Director

Office of Environmental Quality and Transboundary Issues

Bureau of Oceans and International Environmental and Scientific Affairs

United States Department of State


Corm Campbell
Acting Regional Director, Intermountain Region
National Park Service

434 0/3

Date



18 DEC 2013

Joel R. Cross
Colonel, Corps of Engineers
District Commander

Date

Randy Horton
Randy Horton
Federal Preservation Officer
United States Department of Agriculture Farm Service Agency

12/17/2013
Date

Salvador Salinas

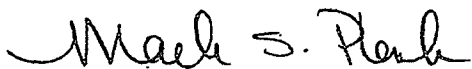
12-17-13

Salvador Salinas

Date

State Conservationist

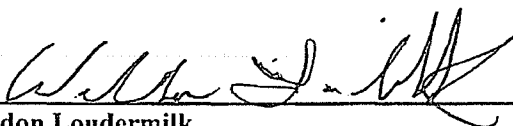
United States Department of Agriculture Natural Resources Conservation Services



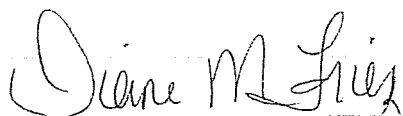
Mark S. Plank
Director, Engineering and Environmental Staff
United States Department of Agricultural Rural Utilities Service

12/17/13

Date


Weldon Loudermilk
Great Plains Regional Director
United States Bureau of Indian Affairs

12-18-13
Date



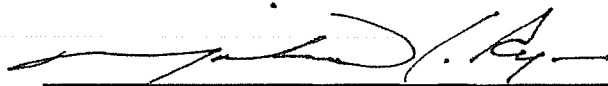
12/18/2013

Diane Friez

Date

District Manager, Eastern Montana/Dakotas District


Bureau of Land Management



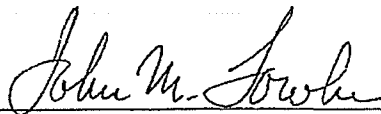
Michael J. Ryan
Regional Director, Great Plains Region
Bureau of Reclamation

DECEMBER 18, 2013

Date


Robert Harris
Regional Manager, Upper Great Plains Region
Western Area Power Administration (WESTERN)

12/19/13
Date



John M. Fowler
Executive Director
Advisory Council on Historic Preservation

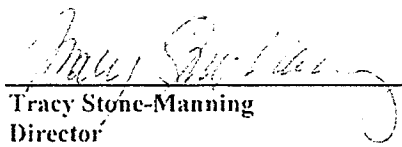
12/19/13
Date

Patricia Selmer DSHPO for

12-17-13

**Jennie Chinn
State Historic Preservation Officer
Kansas**

Date

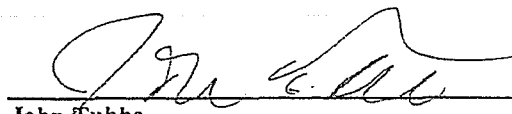


12-19-13

Tracy Stone-Manning
Director

Date

Montana Department of Environmental Quality
(Invited Signatory)

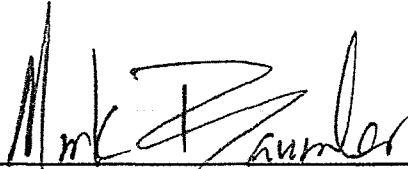


John Tubbs
Director

Montana Department of Natural Resources and Conservation
(Invited Signatory)

12-19-13

Date



Mark Baugler
State Historic Preservation Officer
Montana

12/18/2013

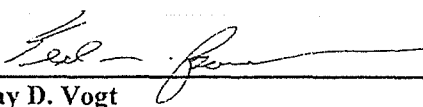
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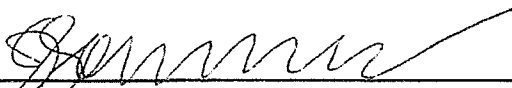
Michael J. Smith
State Historic Preservation Officer
Nebraska



Date


Jay D. Vogt
State Historic Preservation Officer
South Dakota

17 Dec 13
Date



Corey Goulet
Vice President
TransCanada Pipelines Limited
(Invited Signatory)

Dec 18 / 13

Date

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ATTACHMENT A

The following table summarizes the proposed Project areas for which Keystone has yet to conduct identification and evaluation studies as of the finalization of the PA. The majority of these proposed Project areas have been denied access versus new areas that have yet to surveyed.

Areas Not Surveyed Along the Proposed Project APE		
State	Project Area Type	Cultural Survey Remaining (acres)
Montana	ROW	0.00
Montana	Pump Stations	0.00
Montana	Ancillary facilities	0.00
Montana	Access Roads	0.00
South Dakota	ROW	23.70
South Dakota	Pump Stations	0.00
South Dakota	Ancillary facilities	0.00
South Dakota	Access Roads	0.00
Nebraska	ROW	937.65
Nebraska	Pump Stations	43.45 ¹
Nebraska	Ancillary facilities	N/A ²
Nebraska	Access Roads	33.05 ³
Total		1037.85^{1, 2, 3}
¹ Pump stations in Nebraska have been surveyed for multiple locations. ² Additional ancillary facilities may be needed, however, are not known at this time. ³ Additional access roads may be needed, however, are not known at this time.		

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ATTACHMENT B

1. Absentee-Shawnee Tribe of Indians of Oklahoma
2. Alabama-Coushatta Tribes of Texas
3. Alabama-Quassarte Tribal Town, Oklahoma
4. Apache Tribe of Oklahoma
5. Arapahoe Tribe of the Wind River Reservation, Wyoming (aka Northern Arapaho Tribe)
6. Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana (aka Fort Peck Tribes)
7. Blackfeet Tribe of the Blackfeet Indian Reservation of Montana
8. Cherokee Nation, Oklahoma
9. Cheyenne and Arapaho Tribes, Oklahoma
10. Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota
11. Chickasaw Nation, Oklahoma
12. Chippewa-Cree Indians of the Rocky Boy's Reservation, Montana
13. Choctaw Nation of Oklahoma
14. Comanche Nation, Oklahoma
15. Confederated Salish & Kootenai Tribes of the Flathead Indian Nation, Montana
16. Confederated Tribes of the Goshute Reservation, Nevada and Utah
17. Crow Creek Sioux Tribe of the Crow Creek Reservation, South Dakota
18. Crow Tribe of Montana
19. Delaware Tribe of Indians, Oklahoma
20. Duckwater Shoshone Tribe of the Duckwater Reservation, Nevada
21. Eastern Band of Cherokee Indians of North Carolina
22. Eastern Shawnee Tribe of Oklahoma
23. Ely Shoshone Tribe of Nevada
24. Flandreau Santee Sioux Tribe of South Dakota
25. Forest County Potawatomi Community, Wisconsin
26. Fort Belknap Indian Community of the Fort Belknap Reservation of Montana (aka Gros Ventre and Assiniboine Tribe of Ft. Belknap)
27. Hannahville Indian Community, Michigan
28. Ho-Chunk Nation of Wisconsin
29. Iowa Tribe of Kansas and Nebraska
30. Iowa Tribe of Oklahoma
31. Jena Band of Choctaw Indians, Louisiana
32. Kaw Nation, Oklahoma
33. Kialegee Tribal Town, Oklahoma
34. Kickapoo Traditional Tribe of Texas
35. Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas
36. Kiowa Indian Tribe of Oklahoma
37. Lower Brule Sioux Tribe of the Lower Brule Reservation, South Dakota
38. Lower Sioux Indian Community in the State of Minnesota
39. Match-e-be-nash-she-wish Band of Pottawatomi Indians of Michigan (aka Gun Lake Potawatomi)

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40. Mille Lacs Band of Minnesota Chippewa Tribes, Minnesota
41. Modoc Tribe of Oklahoma
42. Nez Perce Tribe, Idaho
43. Northern Cheyenne Tribe of the Northern Cheyenne Indian Reservation, Montana
44. Nottawaseppi Huron Band of the Potawatomi, Michigan (aka Huron Potawatomi Nation)
45. Oglala Sioux Tribe of the Pine Ridge Reservation, South Dakota
46. Omaha Tribe of Nebraska
47. Osage Nation, Oklahoma
48. Otoe-Missouria Tribe of Indians, Oklahoma
49. Pawnee Nation of Oklahoma
50. Poarch Band of Creek Indians of Alabama
51. Pokagon Band of Potawatomi Indians, Michigan and Indiana
52. Ponca Tribe of Indians of Oklahoma
53. Ponca Tribe of Nebraska
54. Prairie Band of Potawatomi Nation, Kansas
55. Prairie Island Indian Community in the State of Minnesota
56. Red Lake Band of Chippewa Indians, Minnesota
57. Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota
58. Sac & Fox Nation of Missouri in Kansas and Nebraska
59. Sac & Fox Nation, Oklahoma
60. Sac & Fox Tribe of the Mississippi in Iowa
61. Santee Sioux Nation, Nebraska
62. Seneca-Cayuga Tribe of Oklahoma
63. Shakopee Mdewakanton Sioux Community of Minnesota
64. Shoshone-Bannock Tribes of the Fort Hall Reservation of Idaho
65. Shoshone Tribe of the Wind River Reservation, Wyoming (aka Eastern Shoshone Tribe)
66. Sisseton-Wahpeton Oyate of the Lake Traverse Reservation, South Dakota
67. Skull Valley Band of Goshute Indians of Utah
68. Southern Ute Indian Tribe of the Southern Ute Reservation, Colorado
69. Spirit Lake Tribe, North Dakota
70. Standing Rock Sioux Tribe of North & South Dakota
71. Stockbridge Munsee Community, Wisconsin
72. Thlopthlocco Tribal Town, Oklahoma
73. Three Affiliated Tribes of the Fort Berthold Reservation, North Dakota
74. Tonkawa Tribe of Indians of Oklahoma
75. Turtle Mountain Band of Chippewa Indians of North Dakota
76. United Keetoowah Band of Cherokee Indians in Oklahoma
77. Upper Sioux Community, Minnesota
78. Ute Indian Tribe of the Uintah & Ouray Reservation, Utah (aka Ute Indian Tribe, also Northern Ute Tribe)
79. Ute Mountain Tribe of the Ute Mountain Reservation, Colorado, New Mexico and Utah
80. White Earth Band of Minnesota Chippewa Tribes, Minnesota
81. Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie), Oklahoma
82. Winnebago Tribe of Nebraska
83. Yankton Sioux Tribe of South Dakota
84. Ysleta Del Sur Pueblo of Texas

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ATTACHMENT C

Plans for the Unanticipated Discovery of Cultural Resources

If previously unidentified cultural resources are discovered by monitors or construction personnel unexpectedly, Keystone will follow the procedures described in the state-specific plans included in this attachment for (1) Montana, (2) South Dakota, (3) Nebraska, (4) North Dakota, and (5) Kansas. If the following plans conflict in any way with Keystone's obligations under the Programmatic Agreement and Tribal Monitoring Plan, Keystone will follow the procedures described in the Programmatic Agreement and Tribal Monitoring Plan.

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UNANTICIPATED DISCOVERIES PLAN

I. Unanticipated Discoveries Plan for the Keystone XL project corridor (Project) in Montana

If previously unidentified historic properties are discovered by monitors or construction personnel unexpectedly or unanticipated adverse effects on previously identified historic properties occur as pipeline construction activities are carried out within the one-hundred-and-ten (110) foot-wide construction corridor or other ancillary facilities and access roads within the APE, the construction contractor will immediately halt all construction activity within a one-hundred-and-fifty (150) foot radius of the discovery or adversely affected historic property, notify the Lead EI of the discovery and implement interim measures to protect the discovery from looting and vandalism.

Within forty-eight (48) hours of receipt of this notification of the discovery, the Lead EI shall:

- a. Inspect the work site to determine the extent of the discovery or adverse effect and ensure that construction activities have halted;
- b. Clearly mark the area of the discovery or adverse effect;
- c. Implement additional measures other than those mentioned above, as appropriate, to protect the discovery or adversely affected historic property from looting and vandalism; and
- d. Notify the DOS, SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties of the discovery or adverse effect.

In the case of an unanticipated discovery, DOS will notify all consulting parties that it will be receiving comments concerning the unanticipated discovery and provide contact information. The DOS will have seven (7) calendar days following notification provided in accordance with Stipulation VI.A.2 to determine the National Register eligibility of the discovery after considering the timely filed views of the SHPO, MDEQ, designated representatives of consulting Indian tribes, other consulting parties, and Keystone. The applicable Federal agency may assume the newly discovered property to be eligible for the National Register for the purposes of Section 106 consistent with 36 C.F.R. § 800.13(c).

For discovered properties determined eligible or assumed to be eligible pursuant to Stipulation VI.A.3, the applicable Federal agency will notify the ACHP, SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties of those actions that it proposes to resolve adverse effects which may include a Treatment Plan as outlined in Stipulation V.C.

- a. SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties will have ninety-six (96) hours to provide their views on the proposed actions.
- b. DOS will ensure that the timely filed recommendations of SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties are taken into account prior to granting approval of the measures that Keystone will implement to resolve adverse effects.

- c. Keystone will carry out the approved measures prior to resuming construction activities in the location of the discovery.

In the case of unanticipated adverse effects to a previously identified historic property, the applicable Federal agency will notify the ACHP, SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties of those actions that it proposes to resolve adverse effects which may include a Treatment Plan as outlined in Stipulation V.C.

- a. SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties will have forty-eight (48) hours to provide their views on the proposed actions.
- b. DOS will ensure that the timely filed recommendations of SHPO, MDEQ, designated representatives of consulting Indian tribes, and other consulting parties are taken into account prior to granting approval of the measures that Keystone will implement to mitigate adverse effects.
- c. Keystone will carry out the approved measures prior to resuming construction activities in the location of the affected property.

Dispute Resolution: DOS will seek and take into account the recommendations of the ACHP in resolving any disagreements that may arise regarding resolution of adverse effects that relate to the implementation of Stipulation VI. DOS will use the contact information provided in Attachment C or D to notify the ACHP. Within seven (7) calendar days of receipt of such a written request, the ACHP will provide DOS recommendations on resolving the dispute. DOS will take into account any timely filed recommendations provided by the ACHP in making a final decision about how to proceed.

II. Accidental Discovery of Human Remains on state or private lands

All human burials and funerary objects in the state of Montana are protected pursuant to the Human Skeletal Remains and Burial Site Protection Act (Montana Code Ann. §22-3-801 through §22-3-811).

In the event that human remains or burials are encountered during additional archaeological investigations or construction activities, Keystone or its designated representative shall immediately cease work within 150 foot radius from the point of discovery and implement measures to protect the discovery from looting and vandalism. No digging, collecting or moving human remains or other items shall occur after the initial discovery. Protection measures will include the following.

- a) Flag the buffer zone around the find spot.
- b) Keep workers, press, and curiosity seekers, away from the find spot.
- c) Tarp the find spot.
- d) Prohibit photography of the find unless requested by an agency official.
- e) Have an individual stay at the location to prevent further disturbance until a law enforcement officer arrives.

Keystone will immediately notify local law enforcement, DOS, SHPO, and MDEQ within forty-eight (48) hours of the discovery. DOS shall notify the SHPO, MDEQ, Indian tribes, and other consulting parties within forty-eight (48) hours of the discovery. If local law enforcement determines that the remains are not associated with a crime, DOS shall determine if it is prudent and feasible to avoid disturbing the remains. If DOS in consultation with the Keystone determines that disturbance cannot be avoided, the DOS shall consult with the SHPO, MDEQ, Indian tribes, and other consulting parties to determine acceptable procedures for the removal, treatment and disposition of the burial or remains. The DOS shall ensure that Keystone implements the plan for removal, treatment and disposition of the burial or remains as authorized by the SHPO. The DOS shall notify Keystone that they may resume construction activities in the area of the discovery upon completion of the plan authorize as by the SHPO.

Contact Information:

Stan Wilmoth
State Archaeologist
State Historic Preservation Office
P.O. Box 201203
Helena, MT 59620
406-444-7719
swilmoth@mt.gov

James Strait, RPA
Montana DEQ/EMB/MFSA
1520 East 6th Avenue
P.O. Box 200901
Helena, MT 59620
Office: 406-444-6765
Cell: 406-696-1267
jstrait@mt.gov

Craig Jones
Montana DEQ/EMB/MFSA
1520 East 6th Avenue
P.O. Box 200901
Helena, MT 59620
406-444-0514
crajones@mt.gov

III. Unanticipated Discovery of Human Burials, Remains, and Funerary Objects on Federal Lands

For the accidental discovery of human burials, remains, and funerary objects on Federal lands please reference Stipulation VI.(C) of the PA.

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UNANTICIPATED DISCOVERIES PLAN

- I. Unanticipated Discoveries Plan for the Keystone XL project corridor (Project) in South Dakota
 1. In the event that previously unidentified archaeological resources are discovered during ground disturbing activities within the project area (area of potential effect), Project shall halt immediately all construction work within 100 feet (30.5 m) of the discovery and in the surrounding area where further subsurface remains can reasonably be expected to occur. The area of the discovery will be clearly marked by means of flagging or fencing.
 2. The construction contractor will notify a designated representative of Project of the discovery. Following notification of the discovery, the designated representative of Project will immediately inspect the work site and determine the extent of the affected archaeological resource as defined by the State Historic Preservation Office (SHPO) or by the SHPO in consultation with the archaeologist retained by Project.
 3. Within 14 calendar days of the original notification of discovery, the archaeologist retained by Project, in consultation with the SHPO, will determine the National Register eligibility of the resource. The SHPO or Project may extend this 14-day calendar period one time by an additional 7 calendar days, with Project providing written notice to the SHPO prior to the expiration date of the said 14-day calendar period.
 4. If the resource is determined eligible for the National Register, Project shall submit to the SHPO and the Department of State (DOS) a plan for its avoidance, protection, recovery of information, or destruction without data recovery. Said plan will be submitted to the SHPO and the DOS within 14 calendar days of a determination of eligibility, and shall be approved by the SHPO and the DOS prior to implementation.
 5. Work in the affected area may resume per SHPO authorization pending either:
 - i. development and implementation of an appropriate data recovery plan or other recommended mitigation procedures, or
 - ii. determination that the located remains are not eligible for inclusion on the National Register.
 6. Any disputes concerning the evaluation or treatment of previously unidentified resources will be resolved through consultation among the SHPO, a designated representative of Project, and the archaeologist retained by Project.

II. Accidental Discovery of Human Remains on state or private lands

All human burials and funerary objects in the state of South Dakota are protected pursuant to South Dakota Codified Law Chapter 34-27-25, 34-27-28, 34-27-31.

In the event that human remains or burials are encountered during additional archaeological investigations or construction activities, Project or its designated representative shall immediately cease work within 150 foot radius from the point of discovery and implement measures to protect the discovery from looting and vandalism. No digging, collecting or moving human remains or other items shall occur after the initial discovery. Protection measures will include the following.

- a) Flag the buffer zone around the find spot.
- b) Keep workers, press, and curiosity seekers, away from the find spot.
- c) Tarp the find spot.
- d) Prohibit photography of the find unless requested by an agency official.
- e) Have an individual stay at the location to prevent further disturbance until a law enforcement officer arrives.

Project will immediately notify local law enforcement, the DOS, and the South Dakota State Archaeologist (State Archaeologist) within forty-eight (48) hours of the discovery. The DOS shall notify the SHPO, Indian tribes and other consulting parties within forty-eight (48) hours of the discovery. If local law enforcement determines that the remains are not associated with a crime, the DOS shall determine if it is prudent and feasible to avoid disturbing the remains. If the DOS in consultation with the Project determines that disturbance cannot be avoided, the DOS shall consult with the State Archaeologist, SHPO, Indian tribes and other consulting parties to determine acceptable procedures for the removal, treatment and disposition of the burial or remains. The DOS shall ensure that the Project implements the plan for removal, treatment and disposition of the burial or remains as authorized by the State Archaeologist. The DOS shall notify the Project that they may resume construction activities in the area of the discovery upon completion of the plan authorize as by the State Archaeologist.

Contact Information:

James K. Haug, State Archaeologist
South Dakota State Historical Society
Archaeological Research Center
PO Box 1257
Rapid City, SD 57709
(605) 394-1936

Katie Lamie, Repository Manager
South Dakota State Historical Society
Archaeological Research Center
PO Box 1257
Rapid City, SD 57709
(605) 394-1936

Paige Olson, Review and Compliance Coordinator
South Dakota State Historical Society
State Historic Preservation Office
900 Governors Drive
Pierre, SD 57501
(605) 773-3458

Amy Rubingh, Review and Compliance Archaeologist
South Dakota State Historical Society
State Historic Preservation Office
900 Governors Drive
Pierre, SD 57501
(605) 773-3458

III. Unanticipated Discovery of Human Burials, Remains, and Funerary Objects on Federal Lands

For the accidental discovery of human burials, remains, and funerary objects on Federal lands please reference Stipulation VI.(C) of the PA.

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UNANTICIPATED DISCOVERIES PLAN

I. Unanticipated Discoveries Plan for the Keystone XL project corridor (Project) in Nebraska

1. In the event that previously unidentified archaeological resources are discovered during ground disturbing activities within the project area (area of potential effect), Project shall halt immediately all construction work within 100 feet (30.5 m) of the discovery and in the surrounding area where further subsurface remains can reasonably be expected to occur. The area of the discovery will be clearly marked by means of flagging or fencing.
2. The construction contractor will notify a designated representative of Project of the discovery. Following notification of the discovery, the designated representative of Project will immediately inspect the work site and determine the extent of the affected archaeological resource as defined by the State Historic Preservation Office (SHPO) or by the SHPO in consultation with the archaeologist retained by Project.
3. Within 14 calendar days of the original notification of discovery, the archaeologist retained by Project, in consultation with the SHPO, will determine the National Register eligibility of the resource. The SHPO or Project may extend this 14-day calendar period one time by an additional 7 calendar days, with Project providing written notice to the SHPO prior to the expiration date of the said 14-day calendar period.
4. If the resource is determined eligible for the National Register, Project shall submit to the SHPO and the Department of State (DOS) a plan for its avoidance, protection, recovery of information, or destruction without data recovery. Said plan will be submitted to the SHPO and the DOS within 14 calendar days of a determination of eligibility, and shall be approved by the SHPO and the DOS prior to implementation.
5. Work in the affected area may resume per SHPO authorization pending either:
 - i. development and implementation of an appropriate data recovery plan or other recommended mitigation procedures, or
 - ii. determination that the located remains are not eligible for inclusion on the National Register.
6. Any disputes concerning the evaluation or treatment of previously unidentified resources will be resolved through consultation among the SHPO, a designated representative of Project, and the archaeologist retained by Project.

II. Accidental Discovery of Human Remains

All human burials in the state of Nebraska are protected by law. In the event that human remains or burials are encountered during additional archaeological investigations or construction

activities, Project or its designated representative shall immediately cease work within 100 feet (30.5 m) of the discovery, cover the burial with impermeable plastic sheeting, and mark it with lathing stakes or fencing. Project will immediately notify both the SHPO, and in accordance with Nebraska Rev. Stat. §12- 1201 through §12-1212 (unmarked Human Burial Law), the local county coroner. If human skeletal remains appear to be from an unregistered grave, the coroner shall notify the SHPO within 24 hours. If the human remains are determined to be Native American, they will be handled in accordance with the Native American Graves Protection and Repatriation Act (NAGPRA). Work in the affected area may resume per SHPO authorization.

SHPO Contact Information:

L. Robert Puschendorf (Deputy SHPO)

State Historic Preservation Office

Nebraska State Historical Society

P.O. Box 82554

Lincoln, Nebraska 68501

Tele: 402-471-4787

Fax: 402-471-3316

UNANTICIPATED DISCOVERIES PLAN

- I. Unanticipated Discoveries Plan for the Keystone XL project corridor (the Project) in North Dakota
 1. In the event that previously unidentified archaeological resources are discovered during ground disturbing activities within the project area (area of potential effect), the Project shall halt immediately all construction work within 100 feet (30.5 m) of the discovery and in the surrounding area where further subsurface remains can reasonably be expected to occur. The area of the discovery will be clearly marked by means of flagging or fencing.
 2. The construction contractor will notify a designated representative of the Project of the discovery. Following notification of the discovery, the designated representative of the Project will immediately inspect the work site and determine the extent of the affected archaeological resource as defined by the State Historic Preservation Office (SHPO) or by the SHPO in consultation with the Project archaeologist.
 3. Within 14 calendar days of the original notification of discovery, the Project archaeologist, in consultation with the SHPO, will evaluate the National Register eligibility of the resource. The SHPO or the Project may extend this 14-day calendar period one time by an additional 7 calendar days, with the Project providing written notice to the SHPO prior to the expiration date of the said 14-day calendar period.
 4. If the resource is determined eligible for the National Register, the Project shall submit to the SHPO and the Department of State (DOS) a plan for its avoidance, protection, recovery of information, or destruction without data recovery. Said plan will be submitted to the SHPO and the DOS within 14 calendar days of a determination of eligibility, and shall be approved by the SHPO and the DOS prior to implementation.
 5. Work in the affected area may resume per SHPO authorization pending either:
 - i. development and implementation of an appropriate data recovery plan or other recommended mitigation procedures, or
 - ii. determination that the located remains are not eligible for inclusion on the National Register.
 6. Any disputes concerning the evaluation or treatment of previously unidentified resources will be resolved through consultation among the SHPO, a designated representative of Project, and the Project archaeologist.

II. Accidental Discovery of Human Remains

All human burials in the state of North Dakota are protected by law. In the event that human remains or burials are encountered during additional archaeological investigations or construction activities, the Project or its designated representative shall immediately cease work within 100 feet (30.5 m) of the discovery, cover the burial with impermeable plastic sheeting, and mark it with lathing stakes or fencing. The Project will immediately notify local law enforcement and the State Historical Society of North Dakota (Protection of human burial sites, human remains, and burial goods; North Dakota Century Code 23-06-27). Work in the affected area may resume per SHPO authorization.

SHPO Contact Information:
Fern Swenson (Deputy SHPO)
State Historical Society of North Dakota
612 East Boulevard Avenue
Bismarck, North Dakota 58505
Phone: 701.328.2666
Fax: 701.328.3710

UNANTICIPATED DISCOVERIES PLAN

I. Unanticipated Discoveries Plan for the Keystone XL project corridor ("Project") in Kansas

1. In the event that previously unidentified archaeological resources are discovered during ground disturbing activities within the project area (area of potential effect), Project shall halt immediately all construction work within 100 feet (30.5 m) of the discovery and in the surrounding area where further subsurface remains can reasonably be expected to occur. The area of the discovery will be clearly marked by means of flagging or fencing.
2. The construction contractor will notify a designated representative of Project of the discovery. Following notification of the discovery, the designated representative of Project will immediately inspect the work site and determine the extent of the affected archaeological resource as defined by the State Historic Preservation Office (SHPO) or by the SHPO in consultation with the archaeologist retained by Project.
3. Within 14 calendar days of the original notification of discovery, the archaeologist retained by Project, in consultation with the SHPO, will determine the National Register eligibility of the resource. The SHPO or Project may extend this 14-day calendar period one time by an additional 7 calendar days, with Project providing written notice to the SHPO prior to the expiration date of the said 14-day calendar period.
4. If the resource is determined eligible for the National Register, Project shall submit to the SHPO and the Department of State (DOS) a plan for its avoidance, protection, recovery of information, or destruction without data recovery. Said plan will be submitted to the SHPO and the DOS within 14 calendar days of a determination of eligibility, and shall be approved by the SHPO and the DOS prior to implementation.
5. Work in the affected area may resume per SHPO authorization pending either:
 - i. development and implementation of an appropriate data recovery plan or other recommended mitigation procedures, or
 - ii. determination that the located remains are not eligible for inclusion on the National Register.
6. Any disputes concerning the evaluation or treatment of previously unidentified resources will be resolved through consultation among the SHPO, a designated representative of Project, and the archaeologist retained by Project.

II. Accidental Discovery of Human Remains

All human burials in the state of Kansas are protected by law. In the event that human remains or burials are encountered during additional archaeological investigations or construction activities, Project or its designated representative shall immediately cease work within 100 feet of the discovery, cover the burial with impermeable plastic sheeting, and mark it with lathing stakes or fencing. Project will immediately notify both the SHPO, and in accordance with Kansas Code §75-2741, et seq. (unmarked Human Burial Law), local law enforcement. If human skeletal remains appear to be from an unregistered grave, the coroner shall notify the SHPO within 24 hours. If the human remains are determined to be Native American, they will be handled in accordance with NAGPRA. Work in the affected area may resume per SHPO authorization.

SHPO Contact Information:

Jennie Chinn
State Historic Preservation Officer
Kansas State Historical Society
6425 SW Sixth Avenue
Topeka, Kansas 66615-1099
Ph. 785-272-8681 Ext. 205
Fax 785-272-8682
Email jchinn@ksks.org

DOS Contact Information:

U.S. Department of State
OES/ENV
NEPA Coordinator and International Affairs Officer
Tele: 202-647-4284
Fax: 202-647-1052
Cell: 240-723-3157
orlandoc2@state.gov

ATTACHMENT D

A. CONTACTS AT FEDERAL AND STATE AGENCIES

Department of State

Jack Jackson, Jr.
Senior Advisor and Liaison for
Native American Affairs
2201 C Street NW, Suite 3880
Washington, D.C. 20520
202-647-8309
JacksonJ3@state.gov

Travis Grout
Project Manager
2201 C Street NW, Suite 2726
Washington, D.C. 20520
202-647-4284
GroutTA@state.gov

Advisory Council on Historic Preservation

Reid Nelson
Director of the Office of Federal Agency
Programs
1100 Pennsylvania Avenue, NW
Suite 803
Washington, D.C., 20004
rnelson@achp.gov

John Eddins
Program Analyst

1100 Pennsylvania Avenue, NW
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Washington, D.C., 20004
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jeddins@achp.gov

U.S. Bureau of Land Management

Diane Friez
District Manager, Eastern Montana/Dakotas Office
Department of the Interior
Bureau of Land Management
111 Garryowen Road
Miles City, MT 59301
406-233-2892

National Park Service

Dan Wiley
Chief of Resources Stewardship, Lewis and Clark Historic Trail
601 Riverfront Drive
Omaha, NE 68102
402-661-1830
Dan_Wiley@nps.gov

U.S. Army Corps of Engineers

Cathy Juhas
Project Manager Billings Regulatory Office
2602 1st Avenue N.
Suite 309
PO BOX 2256

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Billings, MT 59103
406-657-5910
Fax 406-657-5911

U.S. Department of Agriculture Rural Utilities Service

Mark S. Plank Director, Engineering and Environmental Staff 1400 Independence Avenue, SW Mail Stop 1571, Room 2240 Washington, DC 20250 202-720-1649 fax: 202-720-0820 mark.plank@wdc.usda.gov	Laura Dean Federal Preservation Officer 1400 Independence Avenue, SW Washington, DC 20250 202-720-9634 Laura.Dean@wdc.usda.gov
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Deirdre Remley
1400 Independence Avenue, SW
Mail Stop 1571
Washington, DC 20250
202-720-9640
Deirdre.remley@wdc.usda.gov

U.S. Department of Agriculture Natural Resources Conservation Service

Andrée DuVarney National Environmental Coordinator P.O. Box 2890, Room 6158-S Washington, DC 20013-2890 703- 235-8091 Andree.DuVarney@wdc.usda.gov	Sarah Bridges Federal Preservation Officer P.O. Box 2890, Room 6158-S Washington, DC 20013-2890 202-720-4912 Sarah.Bridges@wdc.usda.gov
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U.S. Department of Agriculture Farm Services Agency

Bennett Horter
Federal Preservation Officer
USDA/FSA/CEPD
Mail Stop 0513
1400 Independence Ave., SW
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202-690-1164

U.S. Bureau of Indian Affairs

Dr. Carson Murdy
Regional Archaeologist
Bureau of Indian Affairs, Great Plains Region
115 4th Ave. SE, Suite 400
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605-226-7656
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Western Area Power Administration

Rod O'Sullivan
Environmental Protection Specialist
Upper Great Plains Region
P.O. Box 35800
Billings, MT 59107
406-247-7260

U.S. Bureau of Reclamation

Brad Coutant
Regional Archaeologist
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Kansas State Historical Society

Jennie Chinn
State Historic Preservation Officer
6425 SW 6th Avenue
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jchinn@kshs.org

Tim Weston
Kansas State Archaeologist
6425 SW Sixth Avenue
Topeka, Kansas 66615-1099
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tweston@kshs.org

Nebraska State Historical Society

Terry L. Steinacher
State Archaeologist
P.O. Box 82554
Lincoln, Nebraska 68501-2554
308-665-2918
fax 308-665-2917

L. Robert Puschendorf
Deputy State Historic Preservation Officer
P.O. Box 82554
Lincoln, Nebraska 68501-2554
402-471-4769
Fax 402-471-3100
bob.puschendorf@nebraska.gov

South Dakota State Historic Preservation Office

Jay D. Vogt
State Historic Preservation Officer
900 Governors Drive
Pierre, South Dakota 57501-2217
605-773-3458

Jim Haug
State Archaeologist
PO Box 1257
Rapid City, SD 57709-1257
605-394-1936

Paige Olson
Review and Compliance Coordinator
900 Governors Drive
Pierre, SD 57501
(605) 773-6004

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Montana Historical Society

Stan Wilmoth, Ph.D.

Deputy State Historic Preservation Officer and State Archaeologist

P.O. Box 201202

Helena, MT 59620-1202

(406) 444-7719

swilmoth@mt.gov

Montana Department of Environmental Quality

James Strait

Environmental Science Specialist

1520 E. Sixth Avenue

P.O. Box 200901

Helena, MT 59620-0901

406-444-6765

Montana Department of Natural Resources and Conservation

Patrick Rennie

Trust Lands Archaeologist

1625 11th Avenue

Helena, MT 59620

406-444-2882

prennie@mt.gov

B. CONSULTING TRIBES' POINTS OF CONTACT

The following list of tribes will be used during implementation of the Programmatic Agreement for the Keystone XL Pipeline Project.

1. Absentee-Shawnee Tribe of Indians of Oklahoma

Mr. George Blanchard
Governor
2025 South Gordon Cooper Drive
Shawnee, OK 74801

Ms. Stacy Hessler
Tribal Historic Preservation Officer
2025 South Gordon Cooper Drive
Shawnee, OK 74801

2. Alabama-Coushatta Tribes of Texas

Mr. Bryant Celestine
Tribal Historic Preservation Officer
571 State Park Road 56
Livingston, TX 77351
936-563-1181
Celestine.Bryant@actribe.org

Mr. Oscola Clayton Sylestine
Principal Chief
571 State Park Road 56
Livingston, TX 77351

3. Apache Tribe of Oklahoma

Mr. Donnie Donald Cabaniss, Jr.
Chairman
P.O. Box 1330
Anadarko, OK 73005
405-247-9493 ext. 121

4. Arapahoe Tribe of the Wind River Reservation, Wyoming (aka Northern Arapaho Tribe)

Ms. Darlene Conrad
Tribal Historic Preservation Officer
P.O. Box 1182
Fort Washakie, WY 82514
307-856-1628

Mr. Darrell O'Neal, Sr.
Chairman
P.O. Box 396
Fort Washakie, WY 82514

5. Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana (aka Fort Peck Tribes)

Mr. Darrell "Curley" Youpee
Tribal Historic Preservation Officer

Mr. Floyd Azure
Chairman

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P.O. Box 1027
Poplar, MT 59255
406-768-2382 or 406-768-3152
Email on file

P.O. Box 1027
Poplar, MT 59255

Ms. Deb Madison
Water Quality Certification
P.O. Box 1027
Poplar, MT 59255

6. Blackfeet Tribe of the Blackfeet Indian Reservation of Montana

John Murray
Tribal Historic Preservation Officer
P.O. Box 850
Browning, MT 59417
406-338-7522
john.murray@blackfeetplanning.org

Ed Juneau
Deputy Tribal Historic Preservation Officer
P.O. Box 79
Browning, MT 59417
406-338-7521
depthpo@gmail.com

Mr. Willie A. Sharp, Jr.
Chairman
1 Agency Square
Browning, MT 59417
406-338-7521

Mr. Darnell Rides at the Door
Cultural Committee Member
1 Agency Square
Browning, MT 59417
406-338-7521

Mr. Scotty Osborne
Tribal Historic Preservation Officer
1212 Fox Street
Bozeman, MT 59715

7. Cherokee Nation, Oklahoma

Mr. Bill John Baker
Principal Chief
P.O. Box 948
Tahlequah, OK 74465
918-453-5618
Gina-BlackFox@cherokee.org (assistant)

Dr. Richard Allen
Tribal Historic Preservation Officer
P.O. Box 948
Tahlequah, OK 74465

8. Cheyenne and Arapaho Tribes, Oklahoma

Mr. Dale Hamilton
Arapaho Director, Culture and Heritage Program
P.O. Box 38
Concho, OK 73022
800-247-4612

Ms. Karen Little Coyote
Cheyenne Director, Culture and
Heritage Program
P.O. Box 38
Concho, OK 73022
800-247-4612

Ms. Janice Boswell

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Governor
P.O. Box 38
100 Red Moon Circle
Concho, OK 73022
800-247-4612

9. Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota

Ms. Robin LeBeau
District 5 Council Representative
P.O. Box 590
Eagle Butte, SD 57625
605-964-6685
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ATTACHMENT E

Tribal Monitoring Plan

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**KEYSTONE XL PIPELINE PROJECT
TRIBAL MONITORING PLAN
U.S. DEPARTMENT OF STATE**

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KEYSTONE XL PIPELINE PROJECT TRIBAL MONITORING PLAN

1.0 BACKGROUND

TransCanada Keystone Pipeline, LP (Keystone) has applied for a Presidential Permit for the Keystone XL Pipeline Project (Keystone XL Project or the Project). Consistent with Section 106 of the National Historic Preservation Act (NHPA), the Department of State (DOS) has determined that an amended Programmatic Agreement (PA) is necessary for the Project. Keystone is committed to working with the DOS and the consulting Indian tribes to assist with the implementation of the PA, which includes identifying and minimizing project impacts on previously unidentified historic properties. For the purposes of this plan, the term “historic property” is defined as

Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria (see 36 C.F.R. § 800.16(l)(1))

The DOS will make a reasonable and good faith effort to complete the identification and evaluation of historic properties, as appropriate, in the Project’s area of potential impact consistent with 36 C.F.R. § 800.4(a), (b), and (c), before Keystone initiates construction activities.

The effort to identify and evaluate historic properties for the Keystone XL Pipeline Project has been aided by the completion of Traditional Cultural Property (TCP) reports by several Indian tribes. All consulting Indian tribes for this Project were afforded opportunities to prepare these studies so that the DOS could take into account the potential for the Project to affect historic properties of concern to Indian tribes. The DOS distributed emails, mailed letters, conducted teleconferences, and also participated in face-to-face tribal consultation in group and individual settings to obtain information concerning historic properties that were of concern to Indian tribes. These efforts are summarized and documented in both the Final Supplemental Environmental Impact Statement (SEIS) as well as in Attachment G of the PA.

Arising from these efforts, the DOS has required, through Stipulation V.E. of the PA, that Keystone provide Indian tribes the opportunity to participate as tribal monitors during construction to further reduce the potential for Project effects to previously unidentified historic properties. This Tribal Monitoring Plan provides procedures for the hiring, training, and supervising of Tribal monitors and other relevant topics..

2.0 SUMMARY

Tribal monitors will be hired by Keystone to monitor specific areas during the grading and trenching activities related to Project construction. These areas have cultural significance and have been identified as a result of Cultural Resource Surveys and Inventories, TCP Studies conducted for the Project, and the Section 106 Consultation process. The areas where tribal monitoring will occur are identified in Appendix A to this Plan. Tribal monitors will have reasonable and unimpeded access to all areas subject to monitoring throughout the grading and trenching phases of construction.

The tribal monitors are required to have adequate safety training to work on the right-of-way and must follow protocols developed by Keystone while in the field. For the Keystone XL Pipeline Project, the tribal monitors shall be selected by the individual Indian tribes and recognized as having experience in the identification of historic properties. Construction activities affecting land used historically by one or several Indian tribes should be monitored by representatives of those Indian tribes claiming historical use of that land. Their role will be to alert the Lead Environmental Inspector (Lead EI) of any previously unidentified historic properties uncovered during construction activities.

There will be clear lines of communication between the tribal monitors and Lead EI. Tribal monitors will be required to keep detailed records of their activities through daily logs and weekly activity reports that describes the area and activities monitored during the week, describes any issues or concerns encountered, and describes how the issue/concerns was resolved. The report will be submitted to Keystone's Lead EI and to DOS on a weekly basis.

3.0 OBJECTIVE

The objective of the Keystone tribal monitoring program is to minimize the potential for adverse effects from the Project activities on previously unidentified historic properties, as appropriate, consistent with PA Stipulations V and VI as well as applicable Unanticipated Discovery Plans (Attachment C). This Plan provides guidelines to assist with the decision making processes and effective communication when contracting with tribal monitors.

4.0 PROCESSES

The DOS, in consultation with the Indian tribes, has identified specific areas requiring monitoring, listed in Appendix A to this Plan.

5.0 ENVIRONMENTAL INSPECTOR

Keystone has established clear lines of communication and reporting within the Project team and the environmental compliance organization. Ensuring compliance with the conditions of the PA is the responsibility of all members at all levels of the Project organization.

To facilitate Project compliance and monitoring, construction and environmental oversight at the spread level will be provided by the Project's Lead Environmental Inspector (EI). The tribal monitor(s) on each Project spread will report to the Lead EI during the Project. The Lead EI on the Project will coordinate the tribal monitoring program and will implement the activities below:

- Verify compliance with the requirements of the PA, including the Coordination Plan, Historic Trails and Archaeological Monitoring Plan, plans for the unanticipated discovery of cultural resources and human remains or burials (Attachment C), and any Treatment Plans;
- Stop construction activities that are not in compliance with this plan or the PA; and
- Keep records and a daily log of compliance and activities performed pursuant to the PA.

Keystone will ensure that, if the Lead EI does not meet the professional qualification standards established in the PA, the Lead EI will receive appropriate training in historic preservation from a professional who meets the standards established in the PA so that the PA requirements are understood

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and unanticipated discoveries are quickly identified. Keystone, for the same reason, will provide an appropriate level of training in historic preservation conducted by a professional who meets the standards established in the PA to all construction personnel. Keystone will conduct this training prior to initiating vegetative clearing or construction activities on a spread, and conduct periodic refresher training, as deemed necessary, during construction of the spread.

6.0 TRIBAL MONITORS

Tribal monitors will work collaboratively with Keystone's Environmental Inspection Team, in an advisory role, to assist the Project compliance with the PA, the Coordination Plan, this Monitoring Plan, plans for the unanticipated discovery of cultural resources and human remains or burials, and any Treatment Plans that are intended to resolve possible adverse effects to known cultural resources sites and to protect historic properties that may be discovered during construction. Keystone will be responsible for administering the tribal monitoring program through a tribal liaison, Lead EI, and the Keystone Project Team.

Position Description:

- During grading and trenching in the areas included in the tribal monitoring program, the tribal monitor will assist with the identification of previously unidentified historic properties that hold significance to the Tribe. Subject to the other provisions of this part, at least one monitor will be used per Construction Spread depending upon the extent and location of construction activities, as well as the relative historic importance of each Spread to each Indian tribe.
- Tribal monitors will report and communicate directly with the Lead EI assigned to each work area and may not direct construction personnel or equipment.
- It is the responsibility of the tribal monitor to actively observe and report any artifact or human remains found either on the surface or subsurface within the Project boundaries to the Lead EI, as required by the PA and any applicable Unanticipated Discovery Plan. If previously unidentified historic properties are discovered by monitors, the construction contractor will immediately halt construction in its immediate vicinity as required in Section VI of the PA. The Lead EI will notify the Project cultural resources specialist/archaeologist of the discovery. The cultural resources specialist/archaeologist will evaluate whether the find constitutes a potential historic property in accordance with the applicable State Historic Preservation Officer (SHPO) guidelines for the location and National Park Service (NPS) National Register Bulletins. The cultural resources specialist/archaeologist will evaluate whether the construction team is required to implement the process for unanticipated discoveries laid out in Section VI of the PA. The Lead EI will provide information on the discovery to all consulting parties within forty-eight (48) hours.
- The tribal monitor is required to adhere to the PA and this tribal monitoring plan. The tribal monitor will report to the Lead EI if a previously unidentified historic property is discovered. The Lead EI will review the PA and this Plan with the tribal monitor so that the roles and responsibilities of the monitor and the Lead EI are clearly understood. The monitor may request a copy of this Plan and the PA for reference.
- Monitors are responsible for reporting daily and weekly activities that identify the areas and activities monitored during the week, describe any issues or concerns, and describe how the issue or concern was resolved. Reports should contain a description of the construction methods used, the types of cultural resources identified (if any) during monitoring, evaluation and interpretation

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of any cultural resources, and curation arrangements for any recovered items. Reports must be submitted in writing to the Lead EI and to DOS on a weekly basis. Keystone will summarize the results of the monitoring into reports that will be provided to the consulting parties on a weekly basis.

- Monitors are part of the construction team and as such, are required to participate in the safety and environmental training on site as well as in tailgate meetings. They must abide by all safety rules and wear personal protective equipment at all times while on site.
- At the start of each work day, tribal monitors must meet with the Lead EI at the applicable spread office at the prescribed time in order to receive daily safety and information briefings. No monitor will be allowed on a construction spread without receiving that day's safety and informational briefing. Keystone will take reasonable efforts to ensure that tardy tribal monitors or monitors moving between Construction Spreads will receive supplemental daily safety and informational briefings to ensure compliance with the PA and this tribal monitoring plan.
- The Lead EI will seek the advice and input of tribal monitors, if available, when unanticipated discoveries are encountered and will consider their input when implementing the terms of the PA.
- If potential historic properties are encountered, the Lead EI will notify and seek advice from the Project cultural resource specialist/archaeologist as soon as practicable. The Project cultural resource specialist/archaeologist shall meet the *Secretary of Interior Professional Qualification Standards* and will act as a liaison between the tribal monitor, Lead EI, Tribal Historic Preservation Officers (THPOs), and other signatories and consulting parties, if determined necessary.

7.0 QUALIFICATIONS OF TRIBAL MONITORS

Credentials and qualifications of the tribal monitors shall be within the purview of the individual Indian tribes and will be reviewed and approved by the DOS. Only DOS approved tribal employees and/or tribal members may perform the work. The individuals selected will be officially recognized by the appropriate Indian tribe as having the capabilities to perform the duties as described above. Keystone will work with the Indian tribes to articulate the responsibilities of the monitors and deploy them to optimize their role in reducing the potential for Project effects to historic properties. A tribe may contract out monitoring work to other tribes who have qualified staff, provided that the tribe officially delegates such authority in writing. Additional alternate monitors may be permitted if either of a tribe's monitors are unable to continue their participation in the Project.

8.0 TRAINING

All monitors will be required to satisfactorily complete a one-day comprehensive training focused on the activities on the pipeline right-of-way. Monitors must also attend pre-construction training as coordinated by the prime contractor, including environmental and safety trainings provided to all on-site personnel. Keystone will make reasonable efforts to ensure that these trainings are accessible to tribal monitors and alternates.

9.0 AREAS TO BE MONITORED

To facilitate construction, the overall pipeline route is divided into smaller sections, or spreads, of varying lengths. Construction, environmental, and tribal monitoring oversight at the spread level is provided by a team assigned to each spread. Tribal monitoring will be conducted in areas identified by TCP Inventories and Studies and/or areas identified by Indian tribes during the Section 106 process as listed in Appendix A to this Plan. In those areas previously identified by Indian tribes as needing monitoring, at least one monitor will be used per spread depending upon the nature and locations of construction activities, as well as the relative historic importance of each spread to each tribe. In some instances, it may be necessary for an Indian tribe to designate more than one monitor and alternate to provide monitoring for all areas of concern for the Indian tribe.

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APPENDIX A

Areas for Tribal Monitoring were determined through the reviews of submitted TCP Reports and additional consultation with the Indian tribes. These maps have been developed based upon meetings with the consulting parties and individual tribes, and the review of the submitted TCP studies.

Confidential – Not United States Government classified.

This information is not included in the Final Supplemental EIS.

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ATTACHMENT F

Historic Trail and Archaeological Monitoring Plan

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**KEYSTONE XL PIPELINE PROJECT
HISTORIC TRAIL AND ARCHAEOLOGICAL MONITORING PLAN
U. S. DEPARTMENT OF STATE**

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KEYSTONE XL PIPELINE PROJECT HISTORIC TRAIL AND ARCHAEOLOGICAL MONITORING PLAN

1.0 BACKGROUND

TransCanada Keystone Pipeline, LP (Keystone) has applied for a Presidential Permit for the Keystone XL Pipeline Project (Keystone XL Project or the Project). The Department of State (DOS) has determined that a Programmatic Agreement (PA) is necessary for the Project because the effects on potential historic properties cannot be fully assessed for all properties prior to the issuance of the Presidential Permit (if issued). For the purposes of this plan, the term “historic property” is defined as

Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the NRHP maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria (see 36 C.F.R. § 800.16(l)(a)).

Consistent with the PA and its associated coordination and treatment plans, Keystone will have completed the cultural resources surveys so that appropriate avoidance, minimization, and treatment measures are implemented and completed prior to construction. Under Stipulation V of the PA, DOS prepared this Historic Trail and Archaeological Monitoring Plan (Monitoring Plan or Plan) to address cultural resources monitoring during the construction of the Keystone XL Project.

Keystone is committed to working with DOS, the consulting parties, the National Park Service (NPS) and other federal agencies further reducing the potential for impacts on historic trails and other historic properties including roads, ruts, archaeological sites, structures, buildings, natural landmarks, and the general cultural landscape. This Historic Trail and Archaeological Monitoring Plan is in addition to a Tribal Monitoring Plan. Both plans are required under Stipulation V of the PA and are appended to the Keystone XL Pipeline Project PA as separate documents. The Tribal Monitoring Plan is not a substitute for this Plan. All consulting parties and agencies have had opportunities to review and comment on these plans.

2.0 SUMMARY

Keystone will hire archaeologists to monitor specific areas during ground disturbing activities related to Project construction. The locations requiring monitoring have been identified through past cultural resources surveys and inventories, surveys performed for this Project, and the Section 106 consultation process. A list of the areas identified by the NPS and SHPOs is included in Table 8-1 in this plan. Keystone will continue to coordinate with DOS during the Section 106 consultation process and will adhere to this Monitoring Plan should any other areas require cultural resources monitoring.

Monitors are required to meet the qualifications identified in Section 7 of this document, must have adequate training to work on the right-of-way, and must follow strict communication protocols while in the field.

The monitors will focus on the identification of previously unidentified historic properties (historic or precontact) during construction. These monitors will be positioned at specified locations during Project construction to monitor grading and/or trenching activities. The monitor will also provide assistance with the identification of materials related to the historic trails including roads, ruts, archaeological sites, structures, buildings, natural landmarks, and the general cultural landscape.

3.0 OBJECTIVE

The objective of the historic trail and archaeological monitoring program is to minimize the potential for adverse effects to previously identified and unidentified historic properties from the Project activities and to assist with the implementation of the Unanticipated Discovery Plans in the PA. This Plan identifies the locations where monitoring is required, stipulates the required qualifications for cultural resource monitors, and outlines a communication plan for the monitors in the event that previously unidentified historic properties are encountered in the course of construction.

4.0 PROCESSES

The locations requiring construction monitoring for this Project have been determined by the DOS in consultation with the NPS, SHPOs, Indian tribes, and other federal agencies and is based upon the survey work completed for the Project. Keystone will implement the monitoring work to assist the DOS in meeting its responsibilities consistent with the National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA). Keystone will continue to consult with the DOS and will implement this Plan at additional locations if the DOS determines that construction monitoring is required at those locations.

5.0 CULTURAL RESOURCE MONITORS

Cultural resource monitors will work collaboratively with Keystone's Environmental Inspection Team in an advisory role to assist the Project in achieving compliance with the PA, including the Coordination Plan, this Monitoring Plan, the Tribal Monitoring Plan, Unanticipated Discovery Plans, and any Treatment Plans to protect known historic properties (as defined by the SHPO in each state) that are eligible, or potentially eligible, for listing in the National Register of Historic Places as well as historic properties that may be discovered during construction.

Position Description:

- During grading and trenching activities in areas identified in Table 8-1, the historic trail and archaeological monitors will provide assistance with the identification of historic properties that have not been previously identified.

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- Monitors should review the mitigation plan and verify through field examination that areas requiring a reduction in active right-of-way space (necking down) or avoidance fencing are properly staged before construction work occurs.
- Monitors will report and communicate directly with the Lead Environmental Inspector (Lead EI) assigned to each work area and may not direct construction personnel or equipment.
- It is the responsibility of the monitor to actively observe and report, as required by the PA and any applicable Unanticipated Discovery Plan, any potential historic property not previously identified through surveys or human remains found either on the surface or subsurface within the Project boundaries.
- Monitors are required to adhere to the PA and report to Keystone's Lead EI if a potential historic property is discovered that has not already been identified and deemed not eligible. Keystone will conduct the appropriate reporting to federal and state regulatory agencies as outlined in the PA communication protocol.
- Monitors are responsible for reporting daily and weekly activities in a manner that describes the areas and activities monitored during the week, any issues or concerns that were encountered, and how the issues or concerns (if any) were resolved. The reports should be submitted in writing to the Lead EI. Monitors are part of the construction team and, as such, are required to participate in safety and environmental training on site, as well as in tailgate meetings. They must abide by all safety rules and wear the required protective equipment at all times while on site.
- Construction will occur Monday through Saturday and may, under certain circumstances, also occur on Sunday. Monitors are expected to be available during all work hours.
- At the start of each work day, monitors must report to the Lead EI at the applicable spread office at the prescribed time in order to receive daily safety and information briefings. A monitor may not work on a given day if he or she fails to attend this briefing, unless Keystone, at its discretion, provides a supplemental briefing.
- Lead EIs will seek the advice and input of monitors, if available, when unanticipated discoveries are encountered, and will consider their input when implementing the terms of the PA and the Unanticipated Discovery Plan.
- If a potential historic property is encountered, the monitors will notify the Lead EI immediately.
- Monitors shall meet the professional standards outlined in Section 6.0 of this Plan.

6.0 QUALIFICATIONS OF CULTURAL RESOURCE MONITORS

Historic trail and archaeological monitoring shall be carried out by or under the direct on-site supervision of a professional archaeologist who meets, at a minimum, the Secretary of the Interior's Historic Preservation Professional Qualification Standards (48 FR 44716, September 29, 1983). All monitors should have demonstrated experience in monitoring construction activities and be knowledgeable of changes in soil color and deposition that may be associated with cultural materials.

7.0 TRAINING

All monitors will be required to satisfactorily complete a one-day comprehensive training focused on the activities on the pipeline right-of-way. Completion of this program is compulsory. It is required that the monitors also attend the multi-day environmental/safety trainings provided to all on-site personnel.

All monitors will be required to attend the pre-construction training as coordinated by the prime contractor prior to any monitoring activity. The training program consists of two phases: environmental training and safety training. These training programs are conducted by the Keystone prime contractor's environmental and safety professionals and will commence in the morning of the first day of monitoring for each spread.

8.0 AREAS TO BE MONITORED

The locations requiring construction monitoring has been determined by the DOS in consultation with the NPS, SHPOs, and other consulting parties. These areas are outlined in Table 8-1 in this document. Keystone will implement this Monitoring Plan to assist the DOS in meeting its responsibilities under NEPA and Section 106 of the NHPA. Keystone will continue to consult with DOS and will implement this Plan at additional locations, should it be determined that construction monitoring is required.

8.1 Cultural Resources Monitoring – State-by-State

Table 8-1 indicates specific areas near previously identified historic properties (and potential historic properties) that DOS recommends for archaeological monitoring. If the specific area is avoided prior to construction, then no monitoring of that area is required. Additional potential historic properties may be identified as the Section 106 Process continues. Monitoring is recommended in the following circumstances:

- Where construction activities will not directly impact a known site, but occur immediately adjacent to one or more sites;
- To ensure site avoidance; and
- To ensure that site boundaries have been correctly defined.

The monitoring areas in Montana, South Dakota and Nebraska have been defined by multiple surveys carried out for the centerline, access roads, and ancillary facilities. Monitoring in all of these instances has been proposed by the applicant and agreed to by DOS.

Sites of cultural or religious significance to Indian tribes identified in the context of consultations with tribes or Traditional Cultural Properties surveys conducted by tribes are not listed below due to confidentiality concerns. See the Tribal Monitoring Plan (Attachment E), the Summary of Identification and Evaluation Efforts (Attachment G), and the Programmatic Agreement for more information.

Table 8-1 Cultural Resources to be Monitored

Montana*

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Site Number	Site Type	Recommended Activities
24MC0628	Historic farmstead	Artifact movement, fencing, monitoring
24PE0723	Historic ranch complex	Fence and Monitor
24PH1805	Previously recorded historic farmstead	Fence and Monitor
24PH4267	Historic farmstead	Fence and Monitor
24VL1936	Precontact stone feature	Avoidance/Fence and Monitor

*This information will be further defined with input from the MT SHPO, BLM and MDEQ.

South Dakota

The proposed route avoids all previously identified historic properties (and potential historic properties). Additional potential historic properties may be identified as the Section 106 Process continues. This information will be further defined with input from the South Dakota SHPO.

Nebraska

The proposed route avoids all previously identified historic properties (and potential historic properties). Additional potential historic properties may be identified as the Section 106 Process continues. This information will be further defined with input from the Nebraska SHPO.

9.0 COMMUNICATIONS

Keystone has established clear lines of communication and reporting within the Project team and the environmental compliance organization. To facilitate construction compliance and monitoring, the overall pipeline route is divided into smaller sections, or spreads, of varying lengths. Construction and environmental oversight at the spread level is provided by a team assigned to each spread. Cultural resource monitors will be required to report to the Lead EI responsible for the spread within which the work is taking place. The Lead EI will coordinate the construction monitoring program.

Keystone will be responsible for administering the Monitoring Plan and will retain cultural resource monitors that meet the Professional Qualifications noted in Section 7 of the PA.

Historic trail and archaeological monitors will work together with Lead EIs to assist in reducing effects to previously identified and unidentified historic properties and perform monitoring activities in areas targeted prior to construction. If a historic trail that is also a potential historic property is discovered, the parties will follow the terms of the communications protocol established in this document, the PA, and all local, state and federal laws governing the protection and discovery of archaeological and cultural resources. Historic trail and archaeological monitors will communicate with the Lead EI assigned to each work area and will not direct construction personnel or equipment. The authority to stop work will rest the Lead EI and Keystone construction and Project management team.

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At the start of each work day, historic trail and archaeological monitors will report to the Lead EI they are assigned to at the prescribed time in order to receive daily safety and information briefings. Failure to arrive at the designated briefing time will preclude the monitor's ability to participate on that day unless Keystone, at its discretion, is able to provide a supplemental briefing. Lead EIs will seek the advice of historic trail and archaeological monitors, if available, when unanticipated discoveries are encountered, and will consider their input. If any issues develop, monitors will communicate with the assigned Lead EI.

10.0 REPORTING

Monitors will be required to complete written daily reports and weekly activity reports that describe the areas monitored and will provide the reports to the Lead EI. The reports will describe methods used, the findings during monitoring, evaluation of the cultural material recovered, any additional interpretation of the material recovered, and curation arrangements. Those reports will be compiled and given to the Lead EI. Copies of the monitor's reports will be forwarded to DOS, the applicable SHPOs, and NPS for areas where monitoring is occurring at locations identified in Table 8-1.

ATTACHMENT G

Summary of Identification and Evaluation Efforts and Effect Assessment for Historic Properties within the Project APE (As Found in the Final Supplemental Environmental Impact Statement)

Overview

This attachment summarizes the cultural resource identification and evaluation efforts conducted to date for the Keystone XL Project. This preface is followed by state-by-state summaries of identification and evaluation activities as well as the proposed Project effects assessment for resources within each state. Due to the large amount of site data, site-by-site findings can be reviewed in the Final Supplemental EIS in Sections 3.11 and 4.11.

Since 2008, DOS has consulted with affected Indian tribes, SHPOs, federal agencies, and local governments regarding the proposed Project as required by Section 106 of the National Historic Preservation Act. As part of this consultation effort, DOS has conducted formal government-to-government consultations with 84 Indian tribes, in addition to inviting all interested Indian tribes to prepare traditional cultural property (TCP) studies. Eight Indian tribes have completed or are in the process of completing TCP reports for the proposed Project.

As part of the Final EIS route evaluation process, a Programmatic Agreement (PA) was developed, finalized, and signed over a 2-year period between 2009 and 2011. Signatory parties to this agreement included the Department, U.S. Bureau of Land Management (BLM), U.S. Army Corps of Engineers (USACE), U.S. Bureau of Reclamation (USBR), National Park Service (NPS), Western Area Power Administration (Western), U.S. Department of Agriculture Rural Utilities Service (RUS), U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), USDA Farm Service Agency (FSA), U.S. Bureau of Indian Affairs (BIA), and the State Historic Preservation Officer's (SHPO) of Montana, South Dakota, Nebraska, Kansas, Oklahoma, and Texas. Invited signatories included the Montana Department of Natural Resources and Conservation, Montana Department of Environmental Quality, and Keystone. Indian tribes that signed the PA included the Alabama-Coushatta Tribes of Texas; Arapahoe Tribe of the Wind River Reservation, Wyoming; Blackfeet Tribe of the Blackfeet Indian Reservation of Montana; Fort Belknap Indian Community of the Fort Belknap Reservation of Montana; Iowa Tribe of Kansas and Nebraska; Miami Tribe of Oklahoma; and Pawnee Nation of Oklahoma. These parties assisted in the development of a PA that allows for the continued identification and evaluation of cultural resources, if the proposed Project is permitted. The PA outlines the appropriate consultation and notification procedures to be followed prior to and during construction. The PA also ensures that cultural resource surveys are conducted within the entire proposed Project area prior to construction.

The proposed Project route was selected to avoid disturbing historic properties (i.e. resources that are eligible for, or listed in the National Register of Historic Places) to the maximum extent possible. Adverse effects to historic properties from construction at some proposed Project locations may occur due to the lack of feasible routing alternatives or alternative construction methods. Treatment measures for these direct or indirect impacts shall be implemented on an individual site basis as noted in the PA. In addition, unidentified archaeological sites or historic properties may be adversely affected as a result of proposed Project-related activities. If

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unanticipated cultural materials or human remains are encountered during construction, Keystone will follow the procedures outlined in the Unanticipated Discovery Plans that have been developed for all five states in coordination with their SHPO's. Tribal and Archaeological Monitoring Plans have also been developed and will be implemented to further reduce the potential for adverse effects to cultural resources. Treatment Plans will be developed for those historic properties that cannot be avoided by construction activities.

Montana

Cultural resource surveys and inventories have been conducted in Montana. This work is discussed in the main Class III Cultural Resources Survey conducted for the state and in 16 subsequent addendum reports submitted to the Montana SHPO. For those resources situated in the APE, Keystone is attempting to identify feasible alternative reroutes around the resources or identifying alternative construction methods to avoid or minimize effects. Several stone circle sites may be adversely affected by the proposed Project, however, Project planning is ongoing and these sites may be avoided by Project modifications. If these sites are adversely affected, Keystone will follow the protocols of this PA and prepare a Treatment Plan for each site that is adversely affected. Due to the proximity of the proposed Project to other identified sites, archaeological or tribal monitoring may also be used to ensure adequate measures are undertaken to avoid or minimize Project effects to historic properties.

As of October 2013, the entire APE for the proposed Project has been surveyed.

South Dakota

Cultural resource surveys and inventories have been conducted in South Dakota. This work is discussed in the main Level III Cultural Resources Survey conducted for the state and in ten subsequent addendum reports submitted to the South Dakota SHPO. For those resources situated in the APE, Keystone is attempting to identify feasible alternative reroutes around the resources or identifying alternative construction methods to avoid or minimize effects. If these sites are adversely affected, Keystone will follow the protocols of this PA and prepare a Treatment Plan for each site that is adversely affected. Due to the proximity of the proposed Project to other identified sites, archaeological or tribal monitoring may also be used to ensure adequate measures are undertaken to avoid or minimize Project effects to historic properties.

As of October 2013, approximately 24 acres of the proposed Project corridor remain unsurveyed for the proposed Project. Additional cultural resources surveys within the proposed Project corridor are ongoing. The cultural resources surveys for proposed Project corridor will be documented in future reports. Upon receipt, DOS will review these reports consistent with 36 CFR Part 800 and the PA.

Nebraska

Cultural resource pedestrian surveys and inventories have been conducted in Nebraska. This work is discussed in the main Phase I Cultural Resources Survey conducted for the state and in 13 subsequent addendum reports submitted to the Nebraska SHPO. For those resources situated in the APE, Keystone is attempting to identify feasible alternative reroutes around the resources or identifying alternative construction methods to avoid or minimize effects. If these sites are

adversely affected, Keystone will follow the protocols of this PA and prepare a Treatment Plan for each site that is adversely affected. Due to the proximity of the proposed Project to other identified sites, archaeological or tribal monitoring may also be used to ensure adequate measures are undertaken to avoid or minimize Project effects to historic properties.

As of October 2013, approximately 938 acres of the proposed Project corridor, 33 acres of access roads (for known roads), 44 acres of pump stations, and an undetermined acreage of other ancillary facilities remain unsurveyed for the proposed Project. Additional cultural resources surveys within the proposed Project corridor are ongoing. The cultural resource surveys for the proposed Project corridor, access roads, pump stations, and ancillary facilities will be documented in future reports. Upon receipt, DOS will review these reports consistent with 36 CFR Part 800 and the PA.

North Dakota

Cultural resource surveys and inventories have been conducted in North Dakota. This work is discussed in the main Class III Cultural Resources Survey conducted for the state submitted to the North Dakota SHPO. No historic properties are situated in the Project APE for North Dakota.

No additional cultural resources survey work is currently planned in North Dakota.

Kansas

Cultural resource surveys and inventories have been conducted in Kansas. This work is discussed in the main Phase II Cultural Resources Survey conducted for the state and in one subsequent addendum report submitted to the Kansas SHPO. No historic properties are situated in the Project APE for Kansas.

No additional cultural resources survey work is currently planned in Kansas.

Tribal Consultation

In an attempt to identify properties of religious and cultural significance, including TCPs, the DOS conducted an extensive tribal consultation effort.

Consistent with 36 CFR Part 800, DOS has engaged Indian tribes in government-to-government consultation. The list of Indian tribes that were notified for this proposed Project was derived from lists maintained by DOS, NPS, BLM, USACE, SHPOs, state tribal liaisons, THPOs, BIA, and recommendations from other Indian tribes. In compliance with 36 CFR 800.2 and confidentiality requirements, DOS provided consulting Indian tribes the opportunity to review findings or determinations that were derived from historic properties reports prepared for portions of the proposed Project's APE. During the Final EIS tribal consultation process, the Department engaged 95 Indian tribes and tribal groups. Following these invitations, 45 Indian tribes notified the Department that they would like to become consulting parties. Additionally, two Indian tribes were undecided as to whether they would become consulting parties, but nevertheless participated in calls and meetings. Twenty-one Indian tribes notified the Department that they did not wish to consult on the proposed Project and had no objection to the proposed Project, but would like to be notified should human remains be found. Twenty-seven Indian tribes did not respond to requests for consultation.

As part of the Final EIS consultation process, the Department conducted a broad range of tribal consultations, ranging from group meetings involving many Indian tribes and discussion topics to individual discussions on specific topics via letter, phone, or email. The Department conducted considerable discussion with the Indian tribes and THPOs on cultural resources within the framework of the Final EIS. Consultations included discussions of cultural resources, in general, cultural resources surveys, TCPs and TCP surveys, effects to cultural resources, and mitigation. The Department has conducted its government-to-government consultation as an open forum to listen to tribal views on the proposed Project and its potential impacts on the environment, cultural resources, and the tribes themselves. During the consultation process, Indian tribes were provided with funding to pay for the cost of travel and attendance at consultations. Additionally, tribes were provided proposed Project cultural resources survey reports and opportunities to conduct TCP surveys funded by Keystone. The Department concluded a PA consistent with Section 106 of the NHPA on August 12, 2011.

When the Final EIS route was revised to the proposed Project route, the Department engaged Indian tribes that had previously expressed an interest in the states/areas crossed by the proposed Project route or whose interests have not been expressed. As a result, 80 Indian tribes initially were invited to consult regarding the proposed Project by letters dated September 21, 2012. Follow-up phone calls and emails were sent to these Indian tribes to determine their interest in consulting on the proposed Project. Three government-to-government consultation meetings were held in October 2012 to ensure that the Indian tribes were fully aware of their role in the consultation process and to ensure that their issues of concern were understood in the consultation process. Meetings were held in Billings, Montana; Pierre, South Dakota; and Lincoln, Nebraska.

As part of the Draft Supplemental EIS public comment process, four additional Indian tribes have contacted the Department for inclusion in the government-to-government consultation process, which ensued. Therefore, the Department has invited a total of 84 Indian tribes to consult regarding the proposed Project. A government-to-government consultation meeting was held in Rapid City, South Dakota, on May 16, 2013 to provide an update to the Indian tribes concerning the Draft Supplemental EIS and the proposed Project, status of the Section 106 consistent process, discussion on amending the PA, and the opportunity for additional TCP surveys within the reroute areas. Additionally, a government-to-government consultation conference call was held on July 31, 2013 to discuss amending the PA. Individual tribal discussions on specific topics via meetings, letter, phone, and email have continued. Indian tribes continue to be provided with funding by Keystone for costs related to travel and attendance at consultations, proposed Project cultural resources survey reports, and opportunities to conduct additional TCP surveys within the reroute areas. The Department would continue government-to-government consultations to build on previous work, as appropriate, to ensure that tribal issues of concern are addressed in the consultation process and to amend and incorporate modifications to the PA in consultation with the Indian tribes to conclude the Section 106 consistent process for the proposed Project. Indian tribes that DOS contacted are listed in Table 1.

TABLE 1
Indian Tribes Consulted under Section 106 for the Proposed Project

	Interested/Consulting Party	Indian Tribe
1	Undecided	Absentee-Shawnee Tribe of Indians of Oklahoma
2	Undecided	Alabama-Coushatta Tribes of Texas

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TABLE 1
Indian Tribes Consulted under Section 106 for the Proposed Project

	Interested/Consulting Party	Indian Tribe
3	Not Consulting	Alabama-Quassarte Tribal Town, Oklahoma
4	Undecided	Apache Tribe of Oklahoma
5	Consulting	Arapahoe Tribe of the Wind River Reservation, Wyoming (aka Northern Arapaho Tribe)
6	Consulting	Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana (aka Fort Peck Tribes)
7	Consulting	Blackfeet Tribe of the Blackfeet Indian Reservation of Montana
8	Undecided	Cherokee Nation, Oklahoma
9	Undecided	Cheyenne and Arapaho Tribes, Oklahoma
10	Consulting	Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota
11	Not Consulting	Chickasaw Nation, Oklahoma
12	Consulting	Chippewa Cree Indians of the Rocky Boy's Reservation, Montana
13	Not Consulting	Choctaw Nation of Oklahoma
14	Not Consulting	Comanche Nation, Oklahoma
15	Not Consulting	Confederated Salish & Kootenai Tribes of the Flathead Indian Nation, Montana
16	Consulting	Confederated Tribes of the Goshute Reservation, Nevada and Utah
17	Consulting	Crow Creek Sioux Tribe of the Crow Creek Reservation, South Dakota
18	Consulting	Crow Tribe of Montana
19	Undecided	Delaware Tribe of Indians, Oklahoma
20	Consulting	Duckwater Shoshone Tribe of the Duckwater Reservation, Nevada
21	Undecided	Eastern Band of Cherokee Indians of North Carolina
22	Not Consulting	Eastern Shawnee Tribe of Oklahoma
23	Consulting	Ely Shoshone Tribe of Nevada
24	Not Consulting	Flandreau Santee Sioux Tribe of South Dakota
25	Undecided	Forest County Potawatomi Community, Wisconsin
26	Undecided	Fort Belknap Indian Community of the Fort Belknap Reservation of Montana (aka Gros Ventre and Assiniboine Tribe of Ft. Belknap)
27	Undecided	Hannahville Indian Community, Michigan
28	Consulting	Ho-Chunk Nation of Wisconsin
29	Not Consulting	Iowa Tribe of Kansas and Nebraska
30	Not Consulting	Iowa Tribe of Oklahoma
31	Not Consulting	Jena Band of Choctaw Indians, Louisiana
32	Consulting	Kaw Nation, Oklahoma
33	Undecided	Kialegee Tribal Town, Oklahoma
34	Undecided	Kickapoo Traditional Tribe of Texas
35	Undecided	Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas
36	Consulting	Kiowa Indian Tribe of Oklahoma

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TABLE 1
Indian Tribes Consulted under Section 106 for the Proposed Project

	Interested/Consulting Party	Indian Tribe
37	Consulting	Lower Brule Sioux Tribe of the Lower Brule Reservation, South Dakota
38	Undecided	Lower Sioux Indian Community in the State of Minnesota
39	Undecided	Match-e-be-nash-she-wish Band of Pottawatomi Indians of Michigan (aka Gun Lake Potawatomi)
40	Not Consulting	Mille Lacs Band of Minnesota Chippewa Tribes, Minnesota
41	Undecided	Modoc Tribe of Oklahoma
42	Consulting	Nez Perce Tribe, Idaho
43	Consulting	Northern Cheyenne Tribe of the Northern Cheyenne Indian Reservation, Montana
44	Undecided	Nottawaseppi Huron Band of the Potawatomi, Michigan (aka Huron Potawatomi Nation)
45	Consulting	Oglala Sioux Tribe of the Pine Ridge Reservation, South Dakota
46	Consulting	Omaha Tribe of Nebraska
47	Consulting	Osage Nation, Oklahoma
48	Undecided	Otoe-Missouria Tribe of Indians, Oklahoma
49	Consulting	Pawnee Nation of Oklahoma
50	Consulting	Poarch Band of Creek Indians of Alabama
51	Consulting	Pokagon Band of Potawatomi Indians, Michigan and Indiana
52	Undecided	Ponca Tribe of Indians of Oklahoma
53	Consulting	Ponca Tribe of Nebraska
54	Undecided	Prairie Band of Potawatomi Nation, Kansas
55	Not Consulting	Prairie Island Indian Community in the State of Minnesota
56	Consulting	Red Lake Band of Chippewa Indians, Minnesota
57	Consulting	Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota
58	Undecided	Sac & Fox Nation of Missouri in Kansas and Nebraska
59	Undecided	Sac & Fox Nation, Oklahoma
60	Consulting	Sac & Fox Tribe of the Mississippi in Iowa
61	Consulting	Santee Sioux Nation, Nebraska
62	Not Consulting	Seneca-Cayuga Tribe of Oklahoma
63	Undecided	Shakopee Mdewakanton Sioux Community of Minnesota
64	Undecided	Shoshone Tribe of the Wind River Reservation, Wyoming (aka Eastern Shoshone Tribe)
65	Consulting	Shoshone-Bannock Tribes of the Fort Hall Reservation of Idaho
66	Consulting	Sisseton-Wahpeton Oyate of the Lake Traverse Reservation, South Dakota
67	Consulting	Skull Valley Band of Goshute Indians of Utah
68	Consulting	Southern Ute Indian Tribe of the Southern Ute Reservation, Colorado
69	Undecided	Spirit Lake Tribe, North Dakota

TABLE 1
Indian Tribes Consulted under Section 106 for the Proposed Project

	Interested/Consulting Party	Indian Tribe
70	Consulting	Standing Rock Sioux Tribe of North & South Dakota
71	Not Consulting	Stockbridge Munsee Community, Wisconsin
72	Undecided	Thlopthlocco Tribal Town, Oklahoma
73	Undecided	Three Affiliated Tribes of the Fort Berthold Reservation, North Dakota
74	Consulting	Tonkawa Tribe of Indians of Oklahoma
75	Undecided	Turtle Mountain Band of Chippewa Indians of North Dakota
76	Not Consulting	United Keetoowah Band of Cherokee Indians in Oklahoma
77	Undecided	Upper Sioux Community, Minnesota
78	Undecided	Ute Indian Tribe of the Uintah & Ouray Reservation, Utah (aka Ute Indian Tribe, also Northern Ute Tribe)
79	Undecided	Ute Mountain Tribe of the Ute Mountain Reservation, Colorado, New Mexico and Utah
80	Not Consulting	White Earth Band of Minnesota Chippewa Tribes, Minnesota
81	Undecided	Wichita and Affiliated Tribes (Wichita, Keechi, Waco & Tawakonie), Oklahoma
82	Not Consulting	Winnebago Tribe of Nebraska
83	Consulting	Yankton Sioux Tribe of South Dakota
84	Consulting	Ysleta Del Sur Pueblo of Texas

To facilitate consulting party participation in Section 106 consultation, DOS has conducted government-to-government and agency consultation meetings along the proposed Project route. Meetings were held in Rapid City, South Dakota (May and July 2009) in Pierre, South Dakota (February 2010), in Billings, Montana (October 2009 and June 2010), and near Malta, Montana (October 2009). Gulf Coast Segment meetings were held in Oklahoma City, Oklahoma (May and July 2009), in Dallas, Texas (November 2009) and in Tulsa, Oklahoma (June 2010). Transcripts for all of the meetings held to date have been prepared and distributed to the consulting parties. DOS also held a Section 106 consultation meeting in Washington, D.C. in December 2010. A list of consultation meetings is included in Table 2.

The following are general issues and concerns commonly expressed by the tribes through letters, emails, phone calls, and at consultation meetings to date that have informed the Final Supplemental EIS' analysis:

- The Department's tribal consultation process and plan;
- Previous and future TCP studies;
- Previous and future cultural resources surveys;
- Tribal role in identification and evaluation of cultural resources;
- Status of the PA and how it may or may not be amended;

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- Non-cultural resources impacts of the proposed Project (e.g., potential releases, environmental impacts such as surface and groundwater and natural resources, tribal socioeconomics, environmental justice);
- Impacts to the environment and Indian tribes in Canada; and
- Economic opportunities for tribal members during construction of the proposed Project.

The Department has gathered these issues and concerns and has evaluated opportunities to address them as part of the tribal consultation and cultural resources processes.

TABLE 2 List of DOS Group Consultation Meetings and Webinars with Indian Tribes			
Date	Place	Indian Tribes Present	Agencies Represented ^{a,b}
May 12, 2009	Rapid City, SD	Ponca Tribe of NE, Standing Rock Sioux, Cheyenne River Sioux, Rosebud Sioux, Santee Sioux, Sisseton Wahpeton Oyate, Oglala Sioux, Iowa Tribe of KS and NE	BIA, BLM, NPS, USACE, SD SHPO, DOS
May 14, 2009	Oklahoma City, OK	Osage Nation, Kickapoo, Cheyenne-Arapaho, Pawnee Nation of Oklahoma, Kickapoo Tribe in Kansas, Caddo Nation, Delaware Nation, Muscogee Nation, Absentee-Shawnee	USACE, OK SHPO, DOS
July 14, 2009	Rapid City, SD	Fort Peck, Lower Sioux, Ponca Tribe, Northern Cheyenne, Rosebud Sioux, Cheyenne River Sioux, Three Affiliated Tribes, Mille Lacs Band of Ojibwe, Kickapoo Tribe in Kansas	USACE, Western, MT DEQ, BLM, DOS
July 28, 2009	Oklahoma City, OK	Pawnee Nation of Oklahoma, Iowa Tribe of KS and NE, Alabama Coushatta Tribe, Muscogee Nation, Osage Nation, Kaw Nation, Choctaw Nation, Delaware Nation, Kickapoo Tribe KS, Absentee Shawnee Tribe	USACE, NPS, OK SHPO, DOS
October 7, 2009	Webinar	Cheyenne River Sioux Tribe, Osage Nation of Oklahoma, Pawnee Nation of Oklahoma, Rosebud Sioux Tribe, Sisseton-Wahpeton Oyate Sioux, Turtle Mountain Band of Chippewa	Reclamation, BLM, MT DEQ, USACE, Texas Historical Commission
October 20-21, 2009	Billings, MT	Blackfeet Nation, Chippewa-Cree, Spirit Lake, Lower Sioux Indian Community, Yankton Sioux, Cheyenne River Sioux, Rosebud Sioux, Standing Rock Sioux, Turtle Mountain Band of Chippewa, Mille Lacs Band of Ojibwe, Osage Nation, Fort Belknap, Northern Cheyenne	BLM, USACE, BIA, Western, DOS, Montana SHPO, MT DEQ
October 22, 2009	Malta, MT (vicinity)	Chippewa-Cree, Blackfeet	MT DEQ, DOS
November 12-13, 2009	Dallas, TX	Kaw Nation, Choctaw, Pawnee Nation, Kialegee Tribal Town, Muscogee (Creek) Nation, Osage nation, Alabama-Coushatta Tribe, Absentee Shawnee Tribe, Lower Sioux	USACE, NPS, DOS
February 25, 2010	Pierre, SD	Lower Brule Tribe	Western, BEPC
June 22-23, 2010	Billings, MT	Chippewa-Cree, Blackfoot Tribe, Standing Rock Sioux, Turtle Mountain, Northern Arapaho, Ft. Peck Tribes, Mille Lacs, Ponca Tribe, Yankton Sioux	BLM, USACE, BEPC, DOS

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TABLE 2 List of DOS Group Consultation Meetings and Webinars with Indian Tribes			
Date	Place	Indian Tribes Present	Agencies Represented ^{a,b}
June 23, 24, 2010	Tulsa, OK	Pawnee Nation, Alabama Coushatta Tribe, Choctaw, Kaw Nation, Muscogee Nation, Osage, Sac and Fox Nation	USACE, DOS
June 23, 2010	Tulsa, OK	Pawnee Nation	DOS
December 7, 2010	Washington, D.C.	Alabama Coushatta, Blackfeet, Chippewa Cree, Choctaw, Fort Peck Tribe, Iowa Nation, Kilagee (Creek) Nation, Northern Arapaho, Osage, Pawnee Nation, Sac and Fox Nation, Yankton Sioux	ACHP, BIA, USACE, Western, EPA, USDA FSA, BLM, MTDEQ, DOS, CEQ
December 8, 2010	Washington, DC	Pawnee Nation	USACE, Nebraska SHPO, DOS
March 30, 2011	Rapid City, SD	Cheyenne River	South Dakota SHPO, DOS
October 22, 2012	Billings, MT	Blackfeet, Chippewa-Cree, Crow Tribe, Northern Cheyenne, Yankton Sioux	DOS
October 24, 2012	Pierre, SD	Cheyenne River, Crow Creek, Standing Rock, Yankton	DOS
October 26, 2012	Lincoln, NE	Fort Peck, Kaw Nation, Pawnee Nation, Ponca (Nebraska)	DOS
May 16, 2013	Rapid City, SD	Chippewa-Cree, Fort Peck, Mille Lacs, Northern Arapaho, Northern Cheyenne, Oglala, Omaha, Pokagon, Ponca (Nebraska), Red Lake, Yankton	BIA, BLM, DOS, NRCS, South Dakota SHPO, USACE
July 31, 2013	Conference Call	Chippewa-Cree, Choctaw, Goshute, Oglala, Nez Perce, Pawnee, Shoshone-Bannock, Standing Rock, Yankton	ACHP, BLM, DOS, MT DEQ, NRCS, RUS, USACE, Western

^a Representatives from TransCanada have attended several of the tribal consultation meetings at the request of tribes. Meetings attended by TransCanada include May 14, 2009, October 20-21, 2009, November 12-13, 2009, June 22-25, 2010, September 9, 2010, December 7, 2010, and December 8, 2010.

^b Project specialists from Cardno-ENTRIX or Environmental Resources Management attended all tribal consultation meetings.

The Indian tribes listed in Table 3 have expressed an interest in conducting TCP studies within the proposed Project APE. When scopes of work (SOW) has been submitted, DOS reviewed and approved the SOWs and draft reports provided by the Indian tribes. Eight Indian tribes withdrew offers to complete the TCP studies. Seven of the eight remaining studies have subsequently been completed and finalized. DOS continues to consult with the Indian tribes in regards to recommendations made in these reports concerning the eligibility of a historic property and/or proposed Project effects. DOS will make determinations of eligibility and proposed Project effect and attempt to resolve any adverse effects to historic properties.

TABLE 3 List of Indian Tribes that Expressed an Interest in Conducting Traditional Cultural Property Studies					
Tribe	Date of Contact	Date SOW Received	Date of Response	Date TCP Received	Date TCP Accepted

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TABLE 3
List of Indian Tribes that Expressed an Interest in Conducting
Traditional Cultural Property Studies

Tribe	Date of Contact	Date SOW Received	Date of Response	Date TCP Received	Date TCP Accepted
Arapahoe Tribe of the Wind River Reservation, Wyoming	10/26/2009	1/8/2010	1/20/2010	10/10/2010	12/01/2010
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana	8/10/2009	11/20/2009	11/30/2009	Chose Not to Participate	N/A
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana	9/10/2013	Chose Not to Participate	N/A	N/A	N/A
Blackfeet Tribe of the Blackfeet Indian Reservation of Montana	8/18/2009	8/24/2009	9/14/2009	12/15/2009	1/25/2010
Cheyenne and Arapaho Tribes, Oklahoma	8/14/2009	8/24/2009	9/14/2009	1/01/2010	4/16/2010
Chippewa-Cree Indians of the Rocky Boy's Reservation, Montana	8/1/2013	08/10/2013	08/14/2013	Chose Not to Participate	N/A
Fort Belknap Indian Community of the Fort Belknap Reservation of Montana	8/1/2013	Chose Not to Participate	N/A	N/A	N/A
Lower Sioux Indian Community in the State of Minnesota	8/4/2009	8/11/2009	9/14/2009	Chose Not to Participate	N/A
Ponca Tribe of Nebraska	4/16/2013	Chose Not to Participate	N/A	N/A	N/A
Pawnee Nation of Oklahoma	9/11/2009	9/1/2009	9/14/2009	4/12/2010	5/25/2010
Pawnee Nation of Oklahoma	8/15/2013	Chose Not to Participate	N/A	N/A	N/A
Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota	11/12/2009	11/20/2009	11/30/2009	Chose Not to Participate	N/A
Santee Sioux Nation, Nebraska	4/16/2013	Pending	Pending	Pending	Pending
Spirit Lake Tribe, North Dakota	8/11/2009	8/11/2009	9/14/2009	10/01/2010	3/17/2010
Turtle Mountain Band of Chippewa Indians of North Dakota	8/11/2009	9/22/2009	9/24/2009	6/2010	8/30/2010
Yankton Sioux Tribe of South Dakota	8/13/2009	1/13/2010	1/20/2010	3/17/2011	4/18/2011

Federal and State Agency Consultation

Consistent with NEPA and Section 106, DOS has consulted with federal agencies whose participation in the proposed Project was considered an undertaking. These agencies include

Programmatic Agreement
ATTACHMENT G

Keystone XL Pipeline Project
December 2013

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BLM, the Bureau of Reclamation (Reclamation), Western, RUS, NRCS, FSA, BIA, and USACE.¹ The ACHP has also formally entered into consultation with DOS. DOS has also consulted with the NPS due to agency interest in the proposed Project. In coordination with DOS, each of these agencies is reviewing the cultural resource findings as appropriate given their Section 106 responsibilities.

DOS is also consulting with state agencies, including the SHPOs in the states crossed by the proposed Project corridor as well as the Montana DNRC and the Montana DEQ, who is the lead for the Montana Environmental Policy Act (MEPA). Consultation has occurred with these groups in person as well as by email, and teleconference. Several agencies have attended the agency and tribal Section 106 consultation meetings as listed in Table 2.

¹ In addition to the tribal consultation process conducted by the Department, other federal agencies with individual permitting and authorization responsibilities would be conducting separate government-to-government tribal consultation efforts. For instance, prior to any work taking place on USACE lands, the notification and consultation procedures spelled out in the Missouri River PA would be followed.

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ATTACHMENT H

Project Maps

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