United States Department of State
Draft Supplemental Environmental Impact Statement

For the

KEYSTONE XL PROJECT

Applicant for Presidential Permit:
TransCanada Keystone Pipeline, LP

Volume II

Genevieve Walker
NEPA Contact & Project Manager
United States Department of State
Bureau of Oceans and International Environmental and Scientific Affairs
2201 C Street NW, Room 2726
Washington, DC 20520

Cooperating Agencies

U.S. Army Corps of Engineers (USACE)
U.S. Department of Agriculture—Farm Service Agency (FSA)
U.S. Department of Agriculture—Natural Resource Conservation Service (NRCS)
U.S. Department of Agriculture—Rural Utilities Service (RUS)
U.S. Department of Energy (DOE)
U.S. Department of Interior—Bureau of Land Management (BLM)
U.S. Department of Interior—National Park Service (NPS)
U.S. Department of Interior—U.S. Fish and Wildlife Service (USFWS)
U.S. Department of Transportation—Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety (PHMSA)
U.S. Environmental Protection Agency (USEPA)

Assisting Agencies

U.S. Department of the Interior, Bureau of Reclamation (BOR)
Nebraska Department of Environmental Quality (NDEQ)
Various State and Local Agencies in Montana, South Dakota, Nebraska, and Kansas

March 1, 2013

Volume I

1.0 Introduction
2.0 Description of the Proposed Project and Alternatives
3.0 Affected Environment

Volume II

4.0 Environmental Consequences
5.0 Alternatives
6.0 List of Preparers
7.0 Distribution List—Supplemental EIS or Executive Summary
8.0 Index

Volume III

Appendix A Governor Approval of the Keystone XL Project in Nebraska
Appendix B PHMSA 57 Special Conditions for Keystone XL and Keystone Compared to 49 CFR 195
Appendix C Market Analysis Supplemental Information
Appendix D Waterbody Crossing Tables and Required Crossing Criteria for Reclamation Facilities
Appendix E Record of Consultation
Appendix F Scoping Summary Report
Appendix G Construction, Mitigation, and Reclamation Plan (CMRP)

Volume IV

Appendix H 2012 Biological Assessment
Appendix I Spill Prevention, Control, and Countermeasure Plan, and Emergency Response Plan Sections
Appendix J Basin Electric Big Bend to Witten 230-kV Transmission Project Routing Report
Appendix K Historical Pipeline Incident Analysis
Appendix L Oil and Gas Wells within 1320 ft of Proposed Right-of-Way
Appendix M Soil Summary for Montana, South Dakota, and Nebraska
Appendix N Supplemental Information for Compliance with MEPA
Appendix O Socioeconomics
Appendix P Crude Oil Material Safety Data Sheets
Appendix Q Pipeline Risk Assessment and Environmental Consequence Analysis
Appendix R Construction/Reclamation Plans and Documentation
Appendix S Pipeline Temperature Effects Study
Appendix T Literature Review
Appendix U Screening Level Oil Spill Modeling
Appendix V Past, Present, and Reasonably Foreseeable Future Project Descriptions
Appendix W Life-Cycle Greenhouse Gas Emissions of Petroleum Products from WCSB Oil Sands Crudes Compared with Reference Crudes
Appendix X Canadian Environmental Assessment Act
Appendix Y Pipeline Construction in Sand Hills Native Rangelands
Appendix Z Estimated Criteria Pollutants, Noise, and GHG Emissions