



ROVER PIPELINE

An ENERGY TRANSFER Company

ROVER PIPELINE LLC

Rover Pipeline Project

***Addendum 1 - Waters of the United States
Delineation Report***

***United States Army Corps of Engineers
Buffalo District***

June 2015



TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION	1
2.0 METHODS	1
3.0 RESULTS	2
4.0 REFERENCES	2

LIST OF APPENDICES

Appendix A – Tables

- Table 1 Wetlands in Ohio
- Table 2 Surface Waters in Ohio
- Table 3 Ponds in Ohio
- Table 4 Drainages in Ohio

Appendix B – USACE Routine Wetland Determination Data Sheets

Appendix C – Wetland and Waters Delineation Maps

Appendix D – Photos



LIST OF ACRONYMS

cm	centimeters
CWA	Clean Water Act
GPS	Global Positioning System
NRCS	Natural Resources Conservation Service
NWI	National Wetlands Inventory
OHWM	Ordinary High Water Mark
PAB	Palustrine Aquatic Bed
PEM	Palustrine Emergent
PFO	Palustrine Forested
Project	Rover Pipeline Project
PSS	Palustrine Scrub-Shrub
PUB	Palustrine Unconsolidated Bottom
Rover	Rover Pipeline LLC
U.S.	United States
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USGS	United States Geological Survey

1.0 INTRODUCTION

Rover Pipeline LLC (Rover) is proposing to construct, own, and operate the proposed Rover Pipeline Project (Project). The Rover Pipeline Project, as currently proposed, is a new natural gas pipeline system that will consist of approximately 713 miles of Supply Laterals and Mainlines, 10 compressor stations, and associated meter stations and other aboveground facilities that will be located in parts of West Virginia, Pennsylvania, Ohio, and Michigan. The Project will extend from the vicinity of New Milton, Doddridge County, West Virginia to Livingston County, Michigan.

This Addendum 1 to the original report¹ identifies the waters of the U.S. delineated within the proposed Project area between November 1, 2014 and May 12, 2015. The Project occurs within the United States Army Corps of Engineers (USACE) Pittsburgh, Buffalo, and Huntington Districts, as well as Michigan where the Project is under the jurisdiction of the Michigan Department of Environmental Quality (MDEQ). However, this report describes only those Waters of the U.S. delineated within the Buffalo District in Ohio. The Project as currently proposed still consists of the following components and facilities within the USACE Buffalo District in Ohio:

- The Mainline and Market Segment;
- Two new Compressor Stations (CSs): Mainline CS 3 in Crawford County and Defiance CS in Defiance County; and
- Various new valves, receipt and delivery meter stations, and receiver sites.

2.0 METHODS

The survey methods used to identify and delineate the waters of the U.S. provided in this addendum report are consistent with the methods provided in the original report. The study area generally consisted of a 400-foot-wide corridor along the proposed pipeline route, 100 percent of the permanent footprint and temporary workspaces for aboveground facilities, and a 50-foot wide corridor along proposed access roads.

This addendum report documents the wetlands and waters potentially under federal and/or state jurisdiction that were identified in the survey area after November 1, 2014; however, not all of these waters will necessarily be impacted by the Project. Summary tables of wetlands and waters that were identified are provided in Appendix A. USACE Routine Wetland Determination Data Sheets are included in Appendix B, wetland and waters delineation maps are included in Appendix C, and photos of delineated resources are included in Appendix D.

¹ Rover Pipeline Project, *Waters of the United States Delineation Report*, United States Army Corps of Engineers, Buffalo District (February 2015),

3.0 RESULTS

The tables provided in Appendix A summarize characteristics of the additional wetlands, streams, waterbodies, and drainages that were identified and delineated in the Project area within the USACE Buffalo District during the additional surveys. The types of wetlands and waters delineated during the additional field surveys were similar to those described in the original report.

4.0 REFERENCES

- Cowardin, L.M., V. Carter V., F.C. Golet, E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service Report No. FWS/OBS/-79/31. Washington, D.C.
- U.S. Army Corps of Engineers (USACE). 1987. Corps of Engineers Wetland Delineation Manual. Technical Report U-87-1. Waterways Experiment Station, Vicksburg, MS.
- USACE. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-10-16. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- USACE. 2012. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, C. V. Noble, and J. F. Berkowitz. ERDC/EL TR-12-1. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). nd. Official Soil Series Descriptions. Accessed online at https://soilseries.sc.egov.usda.gov/osdname_look.aspx.