



INSTALLATION NOTES

- ACCESS: ALL EQUIPMENT MUST ACCESS THE SITE ALONG THE RANSON COUNTY RIGHT-OF-WAY FROM PUBLIC OR APPROVED PRIVATE PROPERTIES.
- VEHICLE AND EQUIPMENT ACCESS CROSSING MAY BE INSTALLED IF APPROVED BY THE ENVIRONMENTAL INSPECTOR.
- WORK SPACE: WORK SPACE LIMITS ARE DEPICTED. CLEARING WILL BE RESTRICTED TO THE WORK SPACES INDICATED AT THE ENTRY AND EXIT POINTS. CLEARING BETWEEN THE ENTRY AND EXIT POINTS IS LIMITED TO THE NECESSARY FENCES AND PERMITS TO OBTAIN WATER (WHERE APPROVED). WATER SOURCE: DRILL WATER AND PRE-INSTALLATION PROGRESSIVE TEST WATER SHALL BE DERIVED FROM AN APPROVED SOURCE. THE ENVIRONMENTAL INSPECTOR SHALL BE NOTIFIED OF ANY CHANGES TO THE CONSTRUCTION METHODOLOGY AND RECLAMATION PLAN (COP) AND FROM THE WATER BODY.
- HYDROLOGIC TEST: PRE-INSTALLATION HYDROLOGIC TEST SHALL BE CONDUCTED TO DETERMINE THE HYDROLOGIC CHARACTERISTICS OF THE AREA. THE CONTRACTOR SHALL OBTAIN HYDROLOGIC TEST WATER IN ACCORDANCE WITH PROJECT PERMITS. PROGRESSIVE TEST WATER IN ACCORDANCE WITH PROJECT PERMITS. PROGRESSIVE TEST WATER IN ACCORDANCE WITH PROJECT PERMITS. PROGRESSIVE TEST WATER IN ACCORDANCE WITH PROJECT PERMITS. PROGRESSIVE TEST WATER IN ACCORDANCE WITH PROJECT PERMITS.
- SPILL-RECOVERY: ALL PUMPS SHALL BE SET IN RECOVERY POSITION. ALL CONTAINMENT EQUIPMENT SHALL BE SET IN RECOVERY POSITION. ALL CONTAINMENT EQUIPMENT SHALL BE SET IN RECOVERY POSITION. ALL CONTAINMENT EQUIPMENT SHALL BE SET IN RECOVERY POSITION.
- EROSION AND SEDIMENT CONTROL: CONTRACTOR SHALL SUPPLY, INSTALL, AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES TO PREVENT EROSION AND SEDIMENTATION. CONTRACTOR SHALL MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE PROJECT.
- INSULATION: THE PRE-SECTION FOR THE BURIED CROSSING SHALL BE MADE UP WITH THE RIGHT-OF-WAY AT THE BELL EXIT POINT AS APPROPRIATE DURING PULLBACK.
- TOPSOIL: SHALL BE STORED TO RESTORE FOR APPROVAL. SHALL BE STORED TO RESTORE FOR APPROVAL. SHALL BE STORED TO RESTORE FOR APPROVAL.
- GEOTECHNICAL DATA: BORINGS ARE OFFSET FROM THE PIPELINE CENTERLINE AS SHOWN ON THE PLAN VIEW. THE GEOTECHNICAL DATA IS BASED ON PRELIMINARY BORING LOGS. CONTRACTOR SHALL UTILIZE ITS OWN INTERPRETATION OF THIS FACTUAL BORING LOGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

LEGEND

- POINT OF INTERSECTION (P.I.)
- ENTRY OR EXIT POINT
- POWERPOLE
- MAINLINE PIPE
- PROPOSED PRELINE
- FOREIGN PIPELINE
- DITCH
- PRIVATE ACCESS ROAD BY ROAD
- COUNTY BOUNDARY
- WATER LEVEL
- USACE CONSTRUCTION REFERENCE POINT
- WETLANDS
- PERMANENT EASEMENT
- TEMPORARY WORK SPACE
- ADDITIONAL TEMPORARY WORK SPACE
- ENVIRONMENTAL AREA

DRAWING INFORMATION		REVISION		APPROVAL	
DRAWING No	ML_14_HDD_XREF.dwg	REV No	DATE	PROJECT CODE	PROJECT COMPANY
ML PROJ FILE XREF	PROJFILE_ML_OCTOBER_10_2007.dwg	1	NOV 12 07	THE509050388	TROW
TRANS CANADA BORDER	TC_UO_BRD.dwg	2	JAN 15 07	THE509050388	TROW
NOTES-LEGEND	NOTES-LEGEND.dwg	3	MAR 31 08	THE509050388	TROW
NO AERIAL	NO70Aid				
NO QUAD	F46097E1.ppt				

REV. NO.	DATE	PERMIT / ENG. APPROVAL

PROFESSIONAL ENGINEER/ART	PERMIT / ENG. APPROVAL

SCALE	DRAWING No	REV
AS SHOWN	1804-03-ML-03-003	3