

**Line 3 Replacement Project:
Assessment of Potential
Pinhole Release**

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Abbreviations and Acronyms

API	American Petroleum Institute
AS	air sparge
bbI	barrels
bpd	barrels per day
BTEX	benzene, ethyl benzene, toluene, and xylene
CLB	Cold Lake Bitumen
CPM	computational pipeline monitoring
DOC-EERA	Minnesota Department of Commerce - Energy Environmental Review and Analysis
ft ²	square foot
GAC	granular activated carbon
gpm	gallons per minute
HSSM	hydrocarbon spill screening model
L3RP	Line 3 Replacement Project
LNAPL	light non-aqueous phase liquids
MPCA	Minnesota Pollution Control Agency
MWI	Minnesota Well Index
NWI	National Wetlands Inventory
PAH	polycyclic aromatic hydrocarbons
PHAST	Process Analysis Software Tool
PHMSA	Pipeline and Hazardous Materials Safety Administration

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PWI	Public Waters Inventory
SCADA	supervisory control and data acquisition
SCC	stress-corrosion cracking
SVE	soil vapor extraction
µg/L	micrograms per liter
USEPA	United States Environmental Protection Agency
VOCs	volatile organic compounds