



Land And
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Expedited Site Assessment Tools For Underground Storage Tank Sites

A Guide For Regulators



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Abbreviations

Abbreviations

atm	atmosphere(s)
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene(s)
C	Celsius/Centigrade
COC	constituent(s) of concern
CPT	cone penetrometer test
CSA	conventional site assessment
DO	dissolved oxygen
DP	direct push
DQL	data quality level
EM	electromagnetic method
ER	electrical resistivity
ESA	expedited site assessment
eV	electron volts
F	Fahrenheit
FFD	fuel fluorescence detector
FID	flame ionization detector
FOCS	fiber optic chemical sensor
ft	foot/feet
gal.	gallon(s)
GC	gas chromatograph
GPR	ground penetrating radar
HSA	hollow stem auger
ID	inside diameter
IR	infrared
LIF	laser induced fluorescence
LNAPL	light non-aqueous-phase liquid
LUST	leaking underground storage tank
MAG	magnetometry
MD	metal detection
MTBE	methyl tertiary-butyl ether
μg	microgram(s)
μm	micrometer(s)
MW	monitoring well
MS	mass spectrometry
NAPL	non-aqueous-phase liquid
nm	nanometer(s)
OD	outside diameter
PAH	polyaromatic hydrocarbons
PCE	perchloroethane
PE	polyethylene

PID	photoionization detector
ppb	parts per billion
ppm	parts per million
PTFE	polytetrafluoroethylene (Teflon®)
PVC	polyvinylchloride
QA	quality assurance
QC	quality control
ROST™	Rapid Optical Screening Tool
SCAPS	Site Characterization and Analysis Penetrometer System
SED	state environmental department
SR	seismic refraction
SVOCs	semivolatile organic compounds
TEX	toluene, ethylbenzene, and xylene(s)
TOV	total organic vapor
TPH	total petroleum hydrocarbons
UST	underground storage tank
UV	ultraviolet
VOCs	volatile organic compounds