

Acronyms and Abbreviations

%	percent
AA	assessment area
AAL	attenuation action level
^{Air} Soil _{Inh}	soil-to-air
^{Air} Soil _{Inh-v}	Inhalation of volatile chemicals from soil
^{Air} Soil _{Inh-vp}	Inhalation of chemicals adsorbed to dust particulate
ACB	articulated concrete block
AMP	attenuation monitoring point
amsl	above mean sea level
bgs	below ground surface
BMPs	Best Management Practices
BNSF	Burlington Northern/Santa Fe
C/I	commercial/industrial
cfs	cubic feet per second
cm/yr	centimeters per year
COCs	chemicals of concern
cy	cubic yards
DF	dilution factor
DMR	Discharge Monitoring Reports
^{Eco} Soil	Ecological based soil
ET	evapotranspirative
°F	Fahrenheit
FML	flexible material liner
GHB	gradient hydraulic barrier
gpm	gallons per minute
^{GW} GW _{Ing}	below drinking water
^{GW} Soil _{Ing}	soil-to-groundwater
HDPE	high density polyethylene
I-10	Interstate Highway 10
IAs	investigation areas
IBWC	International Boundary Water Commission

ARCADIS

K	hydraulic conductivity
LC AA	La Calavera Assessment Area
LLDPE	linear low-density polyethylene
MCL	maximum contaminant level
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MNA	monitored natural attenuation
MSGP	Multi-sector General Permit
NOR	Notice of Registration
O&M	operation and maintenance
OM&M	operation, maintenance, and monitoring
PBA	Parker Brothers Arroyo
PCBs	polychlorinated biphenyls
PCLE	Protective Concentration Level Exceedance
PCLs	protective concentration levels
PMZ	Plume Management Zone
POE	Point of Exposure
PRACRs	Post Response Action Care Reports
PRBs	permeable reactive barriers
PRCs	permeable reactive cell(s)
RAO	response action objective
RACR	Response Action Completion Report
RAERs	Response Action Effectiveness Reports
RAP	Response Action Plan
RCP	Reinforced concrete pipe
RI	Remedial Investigation
ROW	right-of-way
^{Sed} Soil	soil-to-sediment
Site	Former ASARCO El Paso Smelter Site
SWCRS	Stormwater Collection and Reuse System
^{SW} GW	groundwater-to-surface water
^{SW-GW} Soil	soil-to-groundwater-to-surface water

ARCADIS

TCEQ	Texas Commission on Environmental Quality
TI	technical impracticality
TNRCC	Texas Natural Resource Conservation Commission
TotSoil _{Comb}	surface soil based on direct contact
TPDES	Texas Pollutant Discharge Elimination System
TRRP	Texas Risk Reduction Program
TSWQS	Texas Surface Water Quality Standards
TxDOT	Texas Department of Transportation
UCL	upper confidence limit
µg/m ³	micrograms per cubic meter
UPRR	Union Pacific Railroad
USEPA	United States Environmental Protection Agency
UV	Ultraviolet
WCU	Waste Control Unit
XRF	X-ray fluorescence
ZVI	zero-valent iron

Elements

As	Arsenic
Ba	Barium
Cd	Cadmium
Co	Cobalt
Cr	Chromium
Cu	Copper
Fe	Iron
Hg	Mercury
Mb	Molybdenum
Ni	Nickel
Pb	Lead
Sb	Antimony
Se	Selenium
Tl	Thallium
Zn	Zinc