Table P-1 *Summary of VLEACH Input Parameters for Migration to Groundwater Pathway Evaluation RI/FS for PGOU Soil Sites in Areas 20, 21, and 49 Aerojet Superfund Site Sacramento County, California*

Bulk Density = 1.65 grams per cubic centimeter (g/cm^3)
Porosity (unitless) = 0.49
Effective Porosity (unitless) = 0.25
Recharge Rate = 1.63 feet per year (ft/yr)
Volumetric Water Content (unitless) = 0.29
Area = 1 sqare foot
Cell Number = 40
Polygon Number = 1
Timestep = 1 year
Simulation Time = 30 years
Output Time Interval = 1 year
Profile Time Interval = 1 year
Plot Time = 1
Vertical Cell Dimension = 1
Fraction Organic Carbon (part of unit) = 0.0016

Chemical	Organic Carbon Coefficient (cm^3/g)	Henry's Law Constant at 19°C (dimensionless)	Water Solubility (mg/L)	Free Air Diffusion Coefficient (m2/day)
	Koc	KH	S	Di
1,1,1-TCA	110	0.55	1300	0.674
Benzene	59	0.17	1800	0.76
Freon 113	160	16	1100	0.25
PCE	160	0.55	200	0.622
TCE	170	0.32	1100	0.682
Vinyl Chloride	19	0.95	2800	0.95

Notes and Key:

^oC = Degrees Celsius
cm^3/g - cubic centimeters per gram
m^2/day = cubic meters per day
mg/L
PCE = Tetrachloroethene
TCA = Trichloroethane
TCE = Trichloroethene