

TABLE 7.1.RME
 CALCULATION OF NON-CANCER HAZARDS
 REASONABLE MAXIMUM EXPOSURE
 C:\FRAMES\TEST\DEANS2

Scenario Timeframe:	0.00-70.00 yr
Medium:	Aquifer
Exposure Medium:	Shower
Exposure Point:	Receptors
Receptor Population:	1
Receptor Age:	0-70 yr

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
dermal	1,1 dichloroethylene	(3)		(3)			(4)						(5)
	1,1,1,2-Tetrachloroethane	(3)		(3)			(4)						(5)
	Aluminum	(3)		(3)			(4)						(5)
	Arsenic	(3)		(3)			(4)						(5)
	Barium	(3)		(3)			(4)						(5)
	Beryllium	(3)		(3)			(4)						(5)
	Calcium Ion	(3)		(3)			(4)						(5)
	Vinyl chloride (Total)	(3)		(3)			(4)						(5)
ingestion	1,1 dichloroethylene	(3)		(3)			(4)		9.0E-03	mg/kg/d	3.15E-02	mg/kg	(5)
	1,1,1,2-Tetrachloroethane	(3)		(3)			(4)		3.0E-02	mg/kg/d	1.05E-01	mg/kg	(5)
	Aluminum	(3)		(3)			(4)		4.0E-04	mg/kg/d	1.4E-03	mg/kg	(5)
	Arsenic	(3)		(3)			(4)		6.0E-05	mg/kg/d	2.1E-04	mg/kg	(5)
	Barium	(3)		(3)			(4)		5.6E-03	mg/kg/d	1.96E-02	mg/kg	(5)
	Beryllium	(3)		(3)			(4)		1.2E-05	mg/kg/d	4.2E-05	mg/kg	(5)
	Calcium Ion	(3)		(3)			(4)		5.1E+00	mg/kg/d	1.785E+01	mg/kg	(5)
	Vinyl chloride (Total)	(3)		(3)			(4)		3.0E-03	mg/kg/d	1.05E-02	mg/kg	(5)
inhalation	1,1 dichloroethylene	(3)		(3)			(4)		3.15E-02	mg/kg/d	1.103E-01	mg/kg	(5)
	1,1,1,2-Tetrachloroethane	(3)		(3)			(4)		N/A	N/A			(5)
	Aluminum	(3)		(3)			(4)		4.9E-02	mg/kg/d	1.715E-01	mg/kg	(5)
	Arsenic	(3)		(3)			(4)		N/A	N/A			(5)
	Barium	(3)		(3)			(4)		4.9E-04	mg/kg/d	1.715E-03	mg/kg	(5)
	Beryllium	(3)		(3)			(4)		1.999E+01	mg/kg/d	6.997E+01	mg/kg	(5)
	Calcium Ion	(3)		(3)			(4)		5.95E+01	mg/kg/d	2.083E+02	mg/kg	(5)
	Vinyl chloride (Total)	(3)		(3)			(4)		3.5E-01	mg/m ³	1.225E+00	mg/kg	(5)
Total Hazard Index Across All Exposure Routes/Pathways													

(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.

(2) Specify if subchronic.

(3) See C:\FRAMES\TEST\DEANS2.epf for exposure concentrations. The file is named because the values vary with time.

(4) See C:\FRAMES\TEST\DEANS2.tif for intake. The file is named because the values vary with time.

(5) See C:\FRAMES\TEST\DEANS2.hif for hazard quotient. The file is named because the values vary with time.

Definitions: RME = Reasonable Maximum Exposure

CT = Central Tendency

EPC = Exposure Route Concentration