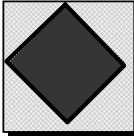


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	Inputs:	Chemical name==> Plomb		Outputs:		
		Site name => Riverfront Park - After - < 0.5 ans (Local)		Target Soil Concentrations (in ppm)		
		Toxicity Data ==>	Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)		
		Inhalation	4,2E-02	0,0E+00	Based on cancer risk:	
		Ingestion	8,5E-03	3,5E-03	Root soil	1,0 E+5
		Dermal	0,0E+00	0,0E+00	Vadose soil	not avlbl.
		Total dose		0,0E+00		↓
		Target Risk/Hazard =	Risk 1,0 E-05	Hazard quotient 1,00	Based on hazard:	
		Root-soil thickness ==>	0,30	OK	Root Soil	1,0 E+5
		Alter root soil thickness to?	n/a		Vadose soil	n/a
		Distance off-site for air exposure= Time after initial concentrations when exposure begins =	0	meters	Root soil	0,0 E+0
		Measured Concentrations (at time = 0)	365	days	Vadose soil	0,0 E+0
			Root-zone soil	120	Un-mitigated risk and/or hazard ratio	
			Vadose-zone soil	272,39	Risk	5,1 E-11
			Ground water	0	Hazard ratio	0,0 E+0
				Concentration limits without NAPL		
Continuous inputs		Source term to air (mol/d)	0,0 E+00	Root soil	1,5 E+06	
		Source term to ground-surface soil (mol/d)	0,0 E+00	Vadose soil	1,4 E+06	
		Source term to root-zone soil (mol/d)	0,0 E+00		9,6 E+00	
		Source term to surface water(mol/d)	0,0 E+00		mg/kg solid mg/kg solid mg/L water	
			Sa	Time avrg. Conc. in on-site environmental media		
			Sg	Air	7,1 E-43	
			Ss	Plants	9,6 E-04	
			Sw	Grnd-surface soil	1,2 E+00	
				Root-zone soil	1,2 E+02	
				Vadose-zone soil	2,7 E+02	
				Ground water	1,1 E-04	
				Surface water	1,8 E-03	
				Sediment	3,0 E-04	

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	1,06E-43	2,86E-09	4,11E-46	0,00E+00	0,00E+00	2,86E-09	100,00
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		0,00E+00	0,00E+00			0,00E+00	0,00
Total ingestion	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00
DERMAL UPTAKE		0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00 E+00	0,00
Dose SUM	1,06E-43	2,86E-09	4,11E-46	0,00E+00	0,00E+00	2,86E-09	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	6,95 E-45	1,87 E-10	2,68 E-47	0,00 E+00	0,00 E+00	1,87 E-10
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	0,00 E+00
Total dose used =>	2,86 E-09

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	7,00 E-43	1,20 E-44	1,29 E+00	1,29 E+02	1,12 E-04	1,84 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	7,00 E-43	7,05 E-45	2,27 E-08	3,26 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	7,00 E-43	1,20 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						9,20 E-01
Household soil (mg/kg)			6,45 E-01	6,47 E+01		
Swimming water (mg/L)						1,84 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		9,64 E-02		
Indoor air (resting)		2,97 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		2,41 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			0,00 E+00	0,00 E+00
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	1,3 E-13	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00

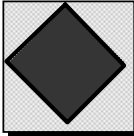
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
4	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
7	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
10	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
13	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
16	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
19	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
22	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
25	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
28	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
31	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
Cumulative doses				3,13168E-05		
over ED by route, mg/kg fraction	3,1 E-05	0,0 E+00	0,0 E+00	3,1 E-05	3,1 E-05	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	2,9 E-09	0,0 E+00	0,0 E+00	2,9 E-09	2,9 E-09	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max ing	0,0 E+00
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Inputs:		Chemical name==> Plomb		Outputs:			
		Site name => Riverfront Park - After - 0.5-4 ans (Local)		Target Soil Concentrations (in ppm)			
		Toxicity Data ==>		Based on cancer risk:			
			Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Root soil	1,0 E+5	
		Inhalation	4,2E-02	0,0E+00	Vadose soil	0,0 E+0	not avlbl.
		Ingestion	8,5E-03	3,5E-03			
		Dermal	0,0E+00	0,0E+00			
		Total dose		0,0E+00			
			Risk	Hazard quotient			
		Target Risk/Hazard =	1,0 E-05	1,00			
			current value	should be >			
Root-soil thickness ==>	0,30	OK					
Alter root soil thickness to?	n/a						
Distance off-site for air exposure=	0	meters					
Time after initial concentrations when exposure begins =	365	days					
Measured Concentrations (at time = 0)							
Root-zone soil	120	ppm (mg/kg)					
Vadose-zone soil	272,39	ppm (mg/kg)					
Ground water	0	ppm (mg/L)					
Continuous inputs			Un-mitigated risk and/or hazard ratio				
Source term to air (mol/d)	0,0 E+00	Sa	Risk	1,1 E-10			
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Hazard ratio	0,0 E+0			
Source term to root-zone soil (mol/d)	0,0 E+00	Ss					
Source term to surface water(mol/d)	0,0 E+00	Sw					
			Concentration limits without NAPL				
			Root soil	1,5 E+06	mg/kg solid		
			Vadose soil	1,4 E+06	mg/kg solid		
				9,6 E+00	mg/L water		
			Time avrg. Conc. in on-site environmental media				
			Air	7,1 E-43	mg/m3		
			Plants	9,6 E-04	mg/kg(FM)		
			Grnd-surface soil	1,2 E+00	mg/kg(total)		
			Root-zone soil	1,2 E+02	mg/kg(total)		
			Vadose-zone soil	2,7 E+02	mg/kg(total)		
			Ground water	1,1 E-04	mg/L(water)		
			Surface water	1,8 E-03	mg/L		
			Sediment	3,0 E-04	mg/kg		

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	2,34E-43	6,30E-09	9,05E-46	0,00E+00	0,00E+00	6,30E-09	100,00
INGESTION:							
Water	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		0,00E+00	0,00E+00			0,00E+00	0,00
Total ingestion	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00
DERMAL UPTAKE		0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00 E+00	0,00
Dose SUM	2,34E-43	6,30E-09	9,05E-46	0,00E+00	0,00E+00	6,30E-09	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	1,53 E-44	4,12 E-10	5,92 E-47	0,00 E+00	0,00 E+00	4,12 E-10
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	0,00 E+00
Total dose used =>	6,30 E-09

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	7,00 E-43	1,20 E-44	1,29 E+00	1,29 E+02	1,12 E-04	1,84 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	7,00 E-43	7,05 E-45	2,27 E-08	3,26 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	7,00 E-43	1,20 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						9,20 E-01
Household soil (mg/kg)			6,45 E-01	6,47 E+01		
Swimming water (mg/L)						1,84 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		2,10 E-01		
Indoor air (resting)		6,75 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		5,26 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			0,00 E+00	0,00 E+00
Swimming wtr			0,00 E+00	0,00 E+00

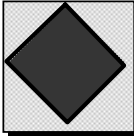
Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	3,0 E-13	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00

Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
4	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
7	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
10	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
13	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
16	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
19	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
22	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
25	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
28	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
31	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
Cumulative doses				6,90338E-05		
over ED by route, mg/kg fraction	6,9 E-05	0,0 E+00	0,0 E+00	6,9 E-05	6,9 E-05	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	6,3 E-09	0,0 E+00	0,0 E+00	6,3 E-09	6,3 E-09	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max ing	0,0 E+00
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	Inputs:	Chemical name==>	Plomb		Outputs:		
		Site name =>	Riverfront Park - After - 5-11 ans (Local)		Target Soil Concentrations (in ppm)		
		Toxicity Data ==>	Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Based on cancer risk:		
		Inhalation	4,2E-02	0,0E+00	Root soil	1,0 E+5	
		Ingestion	8,5E-03	3,5E-03	Vadose soil	0,0 E+0	not avlbl.
		Dermal	0,0E+00	0,0E+00			
		Total dose		0,0E+00	Based on hazard:		
		Target Risk/Hazard =	Risk 1,0 E-05	Hazard quotient 1,00	Root soil	0,0 E+0	Root Soil 1,0 E+5
			current value	should be >	Vadose soil	0,0 E+0	Vadose soil n/a
		Root-soil thickness ==>	0,30	OK	Un-mitigated risk and/or hazard ratio		
		Alter root soil thickness to?	n/a		Risk	8,9 E-11	
		Distance off-site for air exposure=	0	meters	Hazard ratio	0,0 E+0	
		Time after initial concentrations when exposure begins =	365	days	Concentration limits without NAPL		
		Measured Concentrations (at time = 0)			Root soil	1,5 E+06	mg/kg solid
		Root-zone soil	120	ppm (mg/kg)	Vadose soil	1,4 E+06	mg/kg solid
		Vadose-zone soil	272,39	ppm (mg/kg)		9,6 E+00	mg/L water
		Ground water	0	ppm (mg/L)	Time avrg. Conc. in on-site environmental media		
		Continuous inputs			Air	7,1 E-43	mg/m3
		Source term to air (mol/d)	0,0 E+00	Sa	Plants	9,6 E-04	mg/kg(FM)
		Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Grnd-surface soil	1,2 E+00	mg/kg(total)
		Source term to root-zone soil (mol/d)	0,0 E+00	Ss	Root-zone soil	1,2 E+02	mg/kg(total)
		Source term to surface water(mol/d)	0,0 E+00	Sw	Vadose-zone soil	2,7 E+02	mg/kg(total)
					Ground water	1,1 E-04	mg/L(water)
					Surface water	1,8 E-03	mg/L
					Sediment	3,0 E-04	mg/kg

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	1,83E-43	4,92E-09	7,07E-46	0,00E+00	0,00E+00	4,92E-09	100,00
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		0,00E+00	0,00E+00			0,00E+00	0,00
Total ingestion	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00
DERMAL UPTAKE		0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00 E+00	0,00
Dose SUM	1,83E-43	4,92E-09	7,07E-46	0,00E+00	0,00E+00	4,92E-09	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	1,20 E-44	3,22 E-10	4,62 E-47	0,00 E+00	0,00 E+00	3,22 E-10
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	0,00 E+00
Total dose used =>	4,92 E-09

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	7,00 E-43	1,20 E-44	1,29 E+00	1,29 E+02	1,12 E-04	1,84 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	7,00 E-43	7,05 E-45	2,27 E-08	3,26 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	7,00 E-43	1,20 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						9,20 E-01
Household soil (mg/kg)			6,45 E-01	6,47 E+01		
Swimming water (mg/L)						1,84 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		1,65 E-01		
Indoor air (resting)		5,17 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		4,13 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			0,00 E+00	0,00 E+00
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	2,3 E-13	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00

Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
4	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
7	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
10	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
13	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
16	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
19	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
22	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
25	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
28	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
31	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
Cumulative doses				5,3925E-05		
over ED by route, mg/kg fraction	5,4 E-05	0,0 E+00	0,0 E+00	5,4 E-05	5,4 E-05	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	4,9 E-09	0,0 E+00	0,0 E+00	4,9 E-09	4,9 E-09	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max ing	0,0 E+00
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Inputs:		Chemical name==>	Pb		Outputs:		
		Site name =>	Riverfront Park - After - 12-19 ans (Local)		Target Soil Concentrations (in ppm)		
	Toxicity Data ==>		Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)			
	Inhalation	4,2E-02	0,0E+00				
	Ingestion	8,5E-03	3,5E-03				
	Dermal	0,0E+00	0,0E+00				
	Total dose	0,0E+00					
	Target Risk/Hazard =	Risk 1,0 E-05	Hazard quotient 1,00				
	Root-soil thickness ==>	0,30	OK				
	Alter root soil thickness to?	n/a					
	Distance off-site for air exposure=	0	meters				
	Time after initial concentrations when exposure begins =	365	days				
Measured Concentrations (at time = 0)		Root-zone soil	120	ppm (mg/kg)			
	Vadose-zone soil	272,39	ppm (mg/kg)				
	Ground water	0	ppm (mg/L)				
Continuous inputs		Source term to air (mol/d)	0,0 E+00	Sa			
	Source term to ground-surface soil (mol/d)	0,0 E+00	Sg				
	Source term to root-zone soil (mol/d)	0,0 E+00	Ss				
	Source term to surface water(mol/d)	0,0 E+00	Sw				
					Based on cancer risk:		
					Root soil	1,0 E+5	
					Vadose soil	0,0 E+0	not avlbl.
						Root Soil	1,0 E+5
						Vadose soil	n/a
					Based on hazard:		
					Root soil	0,0 E+0	not avlbl.
					Vadose soil	0,0 E+0	not avlbl.
					Un-mitigated risk and/or hazard ratio		
					Risk	5,8 E-11	
					Hazard ratio	0,0 E+0	
					Concentration limits without NAPL		
					Root soil	1,5 E+06	mg/kg solid
					Vadose soil	1,4 E+06	mg/kg solid
						9,6 E+00	mg/L water
					Time avrg. Conc. in on-site environmental media		
					Air	7,1 E-43	mg/m3
					Plants	9,6 E-04	mg/kg(FM)
					Grnd-surface soil	1,2 E+00	mg/kg(total)
					Root-zone soil	1,2 E+02	mg/kg(total)
					Vadose-zone soil	2,7 E+02	mg/kg(total)
					Ground water	1,1 E-04	mg/L(water)
					Surface water	1,8 E-03	mg/L
					Sediment	3,0 E-04	mg/kg

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	1,10E-43	3,24E-09	4,65E-46	0,00E+00	0,00E+00	3,24E-09	100,00
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		0,00E+00	0,00E+00			0,00E+00	0,00
Total ingestion	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00
DERMAL UPTAKE		0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00 E+00	0,00
Dose SUM	1,10E-43	3,24E-09	4,65E-46	0,00E+00	0,00E+00	3,24E-09	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	7,18 E-45	2,12 E-10	3,04 E-47	0,00 E+00	0,00 E+00	2,12 E-10
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	0,00 E+00
Total dose used =>	3,24 E-09

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	7,00 E-43	1,20 E-44	1,29 E+00	1,29 E+02	1,12 E-04	1,84 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	7,00 E-43	7,05 E-45	2,27 E-08	3,26 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	7,00 E-43	1,20 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						9,20 E-01
Household soil (mg/kg)			6,45 E-01	6,47 E+01		
Swimming water (mg/L)						1,84 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		1,12 E-01		
Indoor air (resting)		3,10 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		1,24 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			0,00 E+00	0,00 E+00
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	1,5 E-13	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00

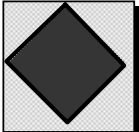
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
4	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
7	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
10	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
13	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
16	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
19	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
22	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
25	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
28	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
31	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
Cumulative doses				3,54658E-05		
over ED by route, mg/kg fraction	3,5 E-05	0,0 E+00	0,0 E+00	3,5 E-05	3,5 E-05	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	3,2 E-09	0,0 E+00	0,0 E+00	3,2 E-09	3,2 E-09	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max ing	0,0 E+00
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Inputs:		Chemical name==> Plomb		Outputs:			
		Site name => Riverfront Park - After - > 20 ans (Local)		Target Soil Concentrations (in ppm)			
		Toxicity Data ==>		Based on cancer risk:			
			Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Root soil	1,0 E+5	
		Inhalation	4,2E-02	0,0E+00	Vadose soil	0,0 E+0	not avlbl.
		Ingestion	8,5E-03	3,5E-03			Root Soil
		Dermal	0,0E+00	0,0E+00			Vadose soil
		Total dose		0,0E+00			1,0 E+5
			Risk	Hazard quotient			n/a
		Target Risk/Hazard =	1,0 E-05	1,00	Root soil	0,0 E+0	not avlbl.
			current value	should be >	Vadose soil	0,0 E+0	not avlbl.
Root-soil thickness ==>	0,30	OK	Un-mitigated risk and/or hazard ratio				
Alter root soil thickness to?	n/a		Risk	4,9 E-11			
Distance off-site for air exposure=	0	meters	Hazard ratio	0,0 E+0			
Time after initial concentrations when exposure begins =	365	days	Concentration limits without NAPL				
Measured Concentrations (at time = 0)			Root soil	1,5 E+06	mg/kg solid		
Root-zone soil	120	ppm (mg/kg)	Vadose soil	1,4 E+06	mg/kg solid		
Vadose-zone soil	272,39	ppm (mg/kg)		9,6 E+00	mg/L water		
Ground water	0	ppm (mg/L)	Time avrg. Conc. in on-site environmental media				
Continuous inputs			Air	7,1 E-43	mg/m3		
Source term to air (mol/d)	0,0 E+00	Sa	Plants	9,6 E-04	mg/kg(FM)		
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Grnd-surface soil	1,2 E+00	mg/kg(total)		
Source term to root-zone soil (mol/d)	0,0 E+00	Ss	Root-zone soil	1,2 E+02	mg/kg(total)		
Source term to surface water(mol/d)	0,0 E+00	Sw	Vadose-zone soil	2,7 E+02	mg/kg(total)		
			Ground water	1,1 E-04	mg/L(water)		
			Surface water	1,8 E-03	mg/L		
			Sediment	3,0 E-04	mg/kg		

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	9,27E-44	2,73E-09	3,93E-46	0,00E+00	0,00E+00	2,73E-09	100,00
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		0,00E+00	0,00E+00			0,00E+00	0,00
Total ingestion	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00
DERMAL UPTAKE		0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00 E+00	0,00
Dose SUM	9,27E-44	2,73E-09	3,93E-46	0,00E+00	0,00E+00	2,73E-09	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	6,06 E-45	1,79 E-10	2,57 E-47	0,00 E+00	0,00 E+00	1,79 E-10
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	0,00 E+00
Total dose used =>	2,73 E-09

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	7,00 E-43	1,20 E-44	1,29 E+00	1,29 E+02	1,12 E-04	1,84 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	7,00 E-43	7,05 E-45	2,27 E-08	3,26 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	7,00 E-43	1,20 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						9,20 E-01
Household soil (mg/kg)			6,45 E-01	6,47 E+01		
Swimming water (mg/L)						1,84 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		9,43 E-02		
Indoor air (resting)		2,62 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		1,05 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			0,00 E+00	0,00 E+00
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	1,3 E-13	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00	0,0 E+00

Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
4	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
7	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
10	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
13	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
16	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
19	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
22	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
25	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
28	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
31	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
Cumulative doses				2,99478E-05		
over ED by route, mg/kg fraction	3,0 E-05	0,0 E+00	0,0 E+00	3,0 E-05	3,0 E-05	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	2,7 E-09	0,0 E+00	0,0 E+00	2,7 E-09	2,7 E-09	0,0 E+00
	1,0000	0,0000	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max ing	0,0 E+00
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